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SAFETY PRODUCTS

for Military



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CABINETS

Security and flammable





Stainless steel, 3-point bullet self-latching system provides fail-safe, positive door closure with increased heat resistance.



2-in (51-mm) leakproof containment sump holds leaks and meets EPA requirements.



Highly visible HazAlert™ reflective label provides warning—"Flammable – Keep Fire Away" in English, Spanish, and French



Dual vents with built-in flash arresters strategically placed at bottom and opposite top.

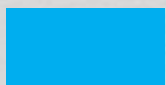
COLOURS OF CABINETS



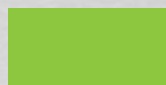
Flammable liquids



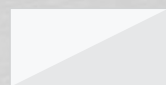
Paints, dyes and other flammable liquids



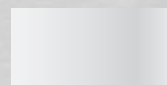
Corrosive liquids



Pesticides and insecticides



Waste and external uses

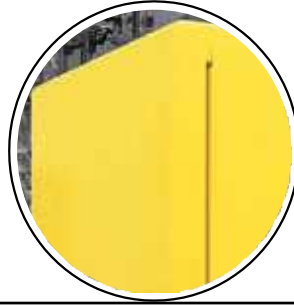


In the colour scheme of laboratory furniture



GUARANTEE
10
LAT

FEATURES OF SECURITY CABINETS



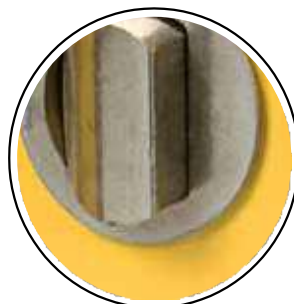
SOLID WALLS

Sturdy 18-gauge (1-mm) double wall steel construction with 1-1/2-in (38-mm) of insulating air space.



SELF-CLOSING MECHANISM

Concealed self-close mechanism provides obstruction-free access to top shelf space. Self-indexing doors guarantee they will close in sequence and ensure a tight closure from top to bottom (on self-closing models).



SPECIAL LOCK

Stainless steel, 3-point bullet self-latching system provides fail-safe, positive door closure with increased heat resistance.



U-LOCK® HANDLE

Special U-Loc™ handle with padlock holder. The optional padlock provides additional security and allows the creation of a cabinet access system. Flat cassette handle with non-slip grip makes it possible to opening the cabinet with the fingertips and reduces the risk of catching on protruding cabinet components.



SPILLSLOPE® SHELVES

Special SpillSlope™ safety shelves direct leaking liquids backwards and downwards into a sealed collection pan. Shelves made of thick sheet steel can be fixed bi-directionally on hooks spaced every 76 mm of cabinet height. The shelves have a safe load rating of 159 kg and comply with ANSI standards. Patent pending.

SAFETY CABINETS - UNIVERSAL



SAFETY CABINETS FOR FLAMMABLE MATERIALS

- Highest safety and best storage of flammable liquids
- Fitted with U-Loc™ handle with padlock facility
- Haz-Alert™ reflective warning labels
- Sturdy SpillSlope™ shelves, adjustable in 76 mm increments with a load capacity of 159 kg
- 3-point snap lock with stainless steel bolts
- Welded body construction, coated with lead-free epoxy-polyester powder paint, with high chemical resistance
- Quality backed by a 10-year guarantee
- Self-closing models fitted with fusible links where, in a fire situation at 74°C (165 F), the link melts and the door automatically closes and latches
- Colours available:



104.510.427

104.510.392

Certificates



104.510.420



104.510.451



104.510.473

Yellow colour, door: manual	104.510.392	104.510.420	104.510.427	104.510.473	104.510.520	
Yellow colour, doors: self-close	104.510.402		104.510.438	104.510.482	104.510.526	
Yellow colour, doors: folding with self-close	104.510.451					
Capacity	114l	114l	170l	170l	227l	341l*
Number of doors	2	2	2	1	2	2
Dimensions - W x S x G (mm)	1118 x 1092 x 457	889 x 914 x 610	1651 x 1092 x 457	1651 x 1092 x 457	1651 x 864 x 864	1651 x 1092 x 864
Number of shelves	1	1	2	2	2	2
Weight (kg)	100	93	136	137	166	191
Certificates	FM, N, O	FM, N, O	FM, N, O	FM, N, O, U	FM, N, O	FM, N, O



SPILLSLOPE STEEL SHELF	104.103.542	104.103.546	104.103.548	104.103.549
Dimensions - S x G x W (mm)	1000 x 356	822 x 508	771 x 737	1000 x 737
Designed for cabinets	114 l and 170 l (1092 mm)	114 l (914 mm)	227 l (864 mm)	341 l (1092 mm)
Weight (kg)	5	5	7	9

WALL-MOUNTED SAFETY CABINETS

SAFETY CABINETS FOR FLAMMABLE MATERIALS



Hanging safety cabinets make it easy to make the most of the available space.

- Ideal for storing small containers close to the work area without taking up floor space
- Hanging the cabinet at eye level for easy access to solvents
- Supplied with complete hanging hardware
- Quality backed by a 10-year guarantee
- Colours available:



104.510.425

Certificates



Yellow	104.510.351	104.510.425
Capacity	64 l	76 l
Number of doors	2	2
Dimensions - S x G x W (mm)	610 x 1092 x 457	1118 x 1092 x 305
Number of shelves	1	3
Weight (kg)	69	102
Certificates	N, O	FM, N, O

UNDER-TABLE SAFETY CABINETS

Store frequently used liquids in a convenient location close to workstations.

- Facilitate quick access to the fluids used directly at the workstations by using the free space under the work tables
- They have a recessed plinth measuring W*G 89*64 mm, so they can be lined up with other cabinets
- When the levers of the adjustable feet are fully extended, the cabinets can be raised by 16 mm
- Quality backed by a 10-year guarantee
- Colours available:



Certificates



Yellow	104.510.378	104.510.384
Capacity	83 l	83 l
Number of doors	2	2
Door type	Manual closure	Door closer
Dimensions - S x G x W (mm)	889 x 889 x 559	889 x 889 x 559
Number of shelves	1	1
Weight (kg)	86	87
Certificates	FM, N, O	FM, N, O, U



SPILLSLOPE STEEL SHELF	104.103.543	104.103.544
Dimensions - S x G x W (mm)	1000 x 219	802 x 457
Designed for cabinets	76l - wall	83l - sub-table
Weight (kg)	3	5



COUNTER TOP SAFETY CABINETS

SAFETY CABINETS FOR FLAMMABLE MATERIALS

Storage of small quantities of liquids close to their point of use

- Allows small quantities of flammable liquids to be stored directly at the workplace using all available surfaces, even the smallest ones
- Equipped with one adjustable shelf
- Small cabinet dimensions make it easier to organise workspace
- An optional mounting kit is available for wall mounting of cabinets
- Quality backed by a 10-year guarantee
- Colours available:



104.510.300



104.510.313



104.510.345

Certificates



Yellow	104.510.300	104.510.306	104.510.313	104.510.320	104.510.339	104.510.345
Capacity	15 l	15 l	45 l	45 l	57 l	57 l
Number of doors	1	1	1	1	1	1
Door type	Manual	SELF-CLOSE	Manual	SELF-CLOSE	Manual	SELF-CLOSE
Height	559 mm	559 mm	889 mm	889 mm	1118 mm	1118 mm
Width	432 mm	432 mm	591 mm	591 mm	591 mm	591 mm
Depth	432 mm	432 mm	457 mm	457 mm	457 mm	457 mm
Number of shelves	1	1	1	1	1	1
Certificates	N, O	N, O, U	FM, N, O	FM, N, O, U	FM, N, O	FM, N, O, U
Weight (kg)	28	29	54	55	70	71



Aerosol Can Benchtop Safety Cabinet

SAFETY CABINETS FOR FLAMMABLE MATERIALS

- Fitted with two pull-out shelves in 0.5 mm galvanised sheet steel with plastic rollers and pull-out locks
- Shelves set at a fixed height each have 12 places for 70 mm diameter containers and accommodate cans up to 254 mm high
- End stop prevents the shelf from falling out in the maximum extension position
- Quality backed by a 10-year guarantee
- Available colours:



104.510.312

Certificates



Yellow	104.510.312
Capacity	24 cans
Number of doors	1
Door type	Manual
Height	686 mm
Width	533 mm
Depth	457 mm
Pull-out shelves	2
Certificates	N, O
Weight (kg)	44

SLIMLINE SECURITY CABINETS

SAFETY CABINETS FOR FLAMMABLE MATERIALS



Additional capacity for storing hazardous materials! Slimline and Deep Slimline high and narrow safety cabinets can be used as side extensions to 170 l, 227 l and 341 l cabinets.

- Large additional volume with a small footprint
- Featuring three galvanised steel shelves
- Can be set up on their own, in close proximity to the work area
- Quality backed by a 10-year guarantee
- Available colours:

SLIMLINE WARDROBE

- depth 457 mm, can be added to a 170 l cabinet as additional space for safe storage of materials or as a place to separate liquids that cannot be stored together

DEEP SLIMLINE WARDROBE

- Depth 864 mm, can be extended with cabinets up to 227 l and 341 l as additional space for the safe storage of materials, or as a place to separate liquids that cannot be stored together

Certificates



104.510.365

Yellow	104.510.365	104.510.371	104.510.463	104.510.469
Capacity	83 l	83 l	204 l	204 l
Number of doors	1	1	1	1
Door type	Manual	SELF-CLOSE	Manual	SELF-CLOSE
Height	1651 mm	1651 mm	1651 mm	1651 mm
Width	591 mm	591 mm	591 mm	591 mm
Depth	457 mm	457 mm	864 mm	864 mm
Number of shelves	3	3	3	3
Certificates	FM, N, O	FM, N, O, U	FM, N, O	FM, N, O, U
Weight (kg)	95	96	135	136

ACCESSORIES AVAILABLE



SPILLSLOPE STEEL SHELF	104.103.541	104.103.545
Dimensions - S x G x W (mm)	498 x 356	498 x 737
Designed for cabinets	83 l - Slimline	204 l - Deep Slimline
Weight (kg)	3	5

Vertical Drum Safety Cabinets




SAFETY CABINETS FOR FLAMMABLE MATERIALS

SAFETY CABINETS FOR DRUMS

- Designed for storing large quantities of flammable solvents.
- Reinforced collection pan catches any leaks

VERTICAL DRUM STORAGE CABINETS

- Provide secure storage for one or two 110l to 200l drums
- An additional shelf half a cupboard deep is included to store smaller containers, while also allowing the use of pumps or funnels for pouring liquids, so the cupboard can be used as a liquid dispensing or waste storage station.
- Colours available: 



104.510.365



104.510.537

Certificates



NOTE

Wide range of accessories and attachments available for maximum safety and storage convenience and use of drums with hazardous liquids.

Yellow	104.510.496	104.510.502	104.510.544	104.510.550	104.510.508	104.510.514	104.510.551	104.510.556	104.510.532	104.510.537
Capacity	1 x 200 l	1 x 200 l	2 x 200 l	2 x 200 l	1 x 200 l	1 x 200 l	2 x 200 l	2 x 200 l	2 x 110 l	2 x 110 l
Included	Barrel base	Barrel base	Barrel base	Barrel base	Drum rollers	Drum rollers	Drum rollers	Drum rollers	Drum rollers	Drum rollers
Door type	Manual	SELF-CLOSE	Manual	SELF-CLOSE	Manual	SELF-CLOSE	Manual	SELF-CLOSE	Manual	SELF-CLOSE
Height	1651 mm	1651 mm	1651 mm	1651 mm	1651 mm	1651 mm	1651 mm	1651 mm	1651 mm	1651 mm
Width	864 mm	864 mm	1498 mm	1498 mm	864 mm	864 mm	1498 mm	1498 mm	1092 mm	1092 mm
Depth	864 mm	864 mm	864 mm	864 mm	864 mm	864 mm	864 mm	864 mm	864 mm	864 mm
Certificates	FM, N, O	FM, N, O, U	N, O	N, O, U	FM, N, O	FM, N, O, U	N, O	N, O, U	FM, N, O	FM, N, O, U
Weight	177 kg	178 kg	277 kg	278 kg	177 kg	178 kg	300 kg	318 kg	216 kg	217 kg

Double-Duty Drum Safety Cabinets

SAFETY CABINETS FOR FLAMMABLE MATERIALS

Innovative dual-purpose safety cabinets combine vertical storage of drums and flammable liquid containers

- The cabinet allows for safe storage of up to 12 containers 19 litre in the left-hand section and one 110 litre or 200 litre drum in the upright position in the right-hand section.
- Both cabinet compartments have independent doors with locks



HORIZONTAL DRUM STORAGE CABINETS

- They are designed for the storage of drums from which liquids are withdrawn by gravity.
- Inside the cabinet there is space for a drip tray
- The cabinet has slides to allow the cradle to slide under the barrel. The barrel cradle is available to purchase separately.



104.510.557



104.510.560

Certificates



Colour grey	104.510.557	104.510.558	104.510.559	104.510.560
Capacity	435 l	435 l	1 x 200 l	1 x 200 l
Included	Rolls	Rolls	Cradle rails	Cradle rails
Door type	Manual	SELF-CLOSE	SELF-CLOSE	SELF-CLOSE
Height	1651 mm	1651 mm	1270 mm	1270 mm
Width	1498 mm	1498 mm	762 mm	762 mm
Depth	864 mm	864 mm	1219 mm	1219 mm
Number of shelves	3	3	-	-
Certificates	N, O	N, O, U	N, O	N, O, U
Weight	305 kg	306 kg	164 kg	165 kg



SpillSlope™ steel shelf	104.103.550	104.103.660	104.103.551
Dimensions - S x G x W (mm)	771 x 356	584 x 737	1406 x 356
Designed for cabinets	One 200 litre vertical and a 435 litre dual purpose drum	Dual-purpose 435 l	Two 200 litre drums vertically
Weight (kg)	4	6	8



Drum rollers	104.103.494	104.103.496	104.103.497
Dimensions - S x G x W (mm)	749 x 762	1408 x 762	940 x 762
Designed for cabinets	One 200 litre drum vertically	Two 200 litre drums vertically	Two 110 litre drums vertically
Weight (kg)	24	45	25

SAFETY CABINET



FOR NON-FLAMMABLE LIQUIDS, CHEMICALS AND TOXIC SUBSTANCES

- Enables the safe storage of chemicals, toxic substances and non-flammable liquids that pose a risk to water, stored in small packages, indoors.
- It significantly improves the labelling, ordering and separation of chemicals.
- It improves productivity by allowing the materials needed to be stored close to where they are used.
- Enhances security by locking the cabinet with the Ergo-Lock lock, which is easy to operate even with work gloves and has locking bars.
- Cabinet construction made of high-quality steel, powder-coated in RAL7035 (light grey), doors in RAL 1023 (yellow).
- It has a reinforced door with ventilation holes and height-adjustable shelves (trays) every 15 mm.
- The 10 litre shelf (tray) has a sealed construction with a maximum load capacity of 80 kg.
- Other body or door colours available on request.



161.100.100



161.100.300



161.100.500

Certificates



Product code steel shelf	161.100.100	161.100.300	161.100.500
Product code shelf with polyethylene insert	161.100.200	161.100.400	161.100.600
Dimensions W*S*G (mm)	1950*500*500	1950*930*500	1000*930*500
Shelf capacity (l)	10	10	10
Number of doors	1	2	2
Certificate	TÜV	TÜV	TÜV

SAFETY CABINET FOR 200 LITRE DRUMS FAS 950-660

CABINETS FOR CHEMICALS AND TOXIC SUBSTANCES

- Provides secure vertical storage for 1 - 200 litre drum and smaller containers of materials toxic and other hazardous chemicals to reduce fire hazards, protect personnel and property, in working spaces (laboratories, production halls).
- It significantly improves the labelling, ordering and separation of hazardous liquids.
- It improves productivity by allowing liquids to be stored close to where they are used.
- Enhances security with the ability to lock the cabinet.
- Cabinet construction made of high-quality, powder-coated steel in RAL7035 (grey).
- It has a reinforced door, lacquered, equipped with ventilation holes and a DN 75 ventilation connector (top surface of the enclosure) for connecting a ventilation extractor.
- Inside the cabinet there is 1 shelf (tray) in sheet steel, powder-coated, adjustable in height every 25 mm.
- Drip tray in the form of a sump made of 3 mm thick sheet steel, powder-coated in accordance with WHG requirements, with a grille for storing containers, marked with Ü - compliance with the requirements for the resistance of steel products to corrosion perforation.
- Available door colours: ■

Certificates



124.817.300



Product code, door blue RAL 5015	124.817.300
External dimensions - S*G*W (mm)	950*660*1950
Internal dimensions - S*G*W (mm)*	862*618*1500
Retention tray capacity (l)	AW 1*220 / EW 1*20
Double swing door	2
Capacity	1 barrel 200 litres + small containers
Weight (kg)	135

* Height from truss

Accessories	Product code
PE insert for retention tray, for storing corrosive substances	124.906.001
Bath shelf, sheet steel, light grey RAL 7035	124.901.008
PE insert for tub shelves, for storing corrosive substances	124.901.010

SAFETY CABINET FOR 200 LITRE DRUMS FAS 1500



CABINETS FOR CHEMICALS AND TOXIC SUBSTANCES

- Provides secure vertical storage for 2 - 200 litre drums and smaller material containers toxic and other hazardous chemicals to reduce fire hazards, protect personnel and property, in working spaces (laboratories, production halls).
- It significantly improves the labelling, ordering and separation of hazardous liquids.
- It improves productivity by allowing liquids to be stored close to where they are used.
- Enhances security with the ability to lock the cabinet.
- Cabinet construction made of high-quality, powder-coated steel in RAL7035 (grey).
- It has a reinforced door, lacquered, equipped with ventilation holes and a DN 75 ventilation connector (top surface of the enclosure) for connecting a ventilation extractor.
- Inside the cabinet there is 1 shelf (tray) in sheet steel, powder-coated, adjustable in height every 25 mm.
- Drip tray in the form of a sump made of 3 mm thick sheet steel, powder-coated in accordance with WHG requirements, with a grille for storing containers, marked with Ü - compliance with the requirements for the resistance of steel products to corrosion perforation.
- Available door colours:



124.817.400



Certificates



Product code, door blue RAL 5015	124.817.400
External dimensions - S*G*W (mm)	1500*660*1950
Internal dimensions - S*G*W (mm)*	1475*618*1694
Retention tray capacity (l)	AW 1*220 / EW 1*30
Double swing door	2
Capacity	2 drums 200 litres + small containers
Weight (kg)	212

* Height from truss

Accessories	Product code
PE insert for retention tray, for storing corrosive substances	124.906.002
Bath shelf, sheet steel, light grey RAL 7035	124.901.132

SAFETY CABINET FOR 60 LITRE DRUMS



CABINETS FOR CHEMICALS AND TOXIC SUBSTANCES

- Ensures safe storage of 4 60 litre drums horizontally with toxic materials and other hazardous chemicals to reduce the risk of fire, protect personnel and property, in working areas (laboratories, production halls).
- It significantly improves the labelling, ordering and separation of hazardous liquids.
- It improves productivity by allowing liquids to be stored close to where they are used.
- Increases security by enabling the cabinet to be locked. Cabinet construction made of high-quality, powder-coated steel in RAL7035 (grey).
- It has a reinforced door, lacquered, equipped with ventilation holes and a DN 75 ventilation connector (top surface of the enclosure) for connecting a ventilation extractor.
- Inside the cabinet there are 2 levels of shelves with supports for storing 60 l drums in a horizontal position, galvanised, adjustable in height every 25 mm, and a drip tray in the form of a sump with grating for storing containers, made of 3 mm thick steel sheet, powder-coated in accordance with WHG requirements.
- Includes a shelf for setting up small capacity storage containers.
- Available door colours:



124.817.500



124.817.600



124.817.800

Certificates



Product code, door blue RAL 5015	124.817.500	124.817.600	124.817.700	124.817.800
External dimensions - S*G*W (mm)	950*698*1950	950*698*1950	1500*698*1950	1500*698*1950
Internal dimensions - S*G*W (mm)	862*656*1945	862*656*1945	1475*656*1945	1475*656*1945
Retention tray capacity (l)	65	65	65	65
Double swing door	2	2	2	2
Number of 60-litre drums arranged horizontally	4	6	6	9
Shelf for small containers	1	-	1	-
Weight (kg)	191	191	290	290

QUALITY CAN SAVE LIVES!

WHY DO WE NEED TO USE FIREPROOF SAFETY CABINETS COMPLYING WITH EN 14470-1?

90-minute fire resistance means optimum quality and therefore the highest achievable safety for people and the environment. Cabinets that are listed in EN 14470-1 give your company (investment) the maximum safety confirmed by a fire test for each enclosure model.

SAFETY FEATURES OF FIREPROOF SAFETY CABINETS

The special design of the safety cabinet guarantees fire resistance in accordance with EN 14470-1 and creates storage positions for flammable and hazardous materials of the highest quality and safety in case of fire. Special fireproof panels installed in the various cabinets guarantee reliable protection against external fire over a preset period of time. You can rest assured that even over 90 minutes at an external temperature of 1,000°C, the temperature rise inside the cabinet will not exceed 180°C. This result is measured at 13 measuring points inside the enclosure during the fire test.



FIRE RESISTANCE OF 30 OR 90 MINUTES



Fireproof safety cabinets allow personnel, during a fire, to evacuate and allow sufficient time to take fire action, before the ignition temperature is reached, of the hazardous materials stored in these cabinets.

EN 14470-1, EN14470-2, EN14727 STANDARDS

When storing hazardous materials indoors in workrooms, the individual properties of each material, such as flammability, toxicity or potential for water contamination, must be taken into account. According to current legislation, the storage of flammable liquids in workrooms is not permitted.

The exception to this is the storage of small quantities of flammable materials in safety, fireproof cabinets made in accordance with EN14470-1.

All cabinets offered comply with EN14470-1. EN14470-2 describes the criteria for the manufacture and testing of fireproof safety cabinets used in laboratories for the storage of compressed gas cylinders. The compressed gas cylinder cabinets on offer comply with the new EN 14470-2 standard.

Standard 14727, which all our fireproof cabinets comply with, specifies the requirements and test methods for the segments for storage used in laboratories. This standard specifies strength, durability and safety requirements to prevent serious injury during normal use, as well as incompatible use with a purpose that can be expected.

FIREPROOF CABINET 30/600

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES



- Designed for the storage of flammable (hazardous) materials in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 30 min, in accordance with EN14470-1.
- Fitted with a single door with hinges on the right side, fixed shelves and a bottom tray for collecting spills with a perforated lid to create an additional storage level.
- Shelves adjustable in height every 32 mm.
- Housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- It includes a system to hold the door leaf open as standard, so that bins can be inserted and removed from the cabinet with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- The use of adjustable feet allows for easy levelling and positioning of the cabinet.



Fire resistance



Certificates



124.845.101

Product code, door grey RAL 7035	124.845.100	124.845.102
Product code, door yellow RAL 1007	124.845.101	124.845.103
Cabinet model	SiS type 30 / 600	SiS type 30 / 600 -1300
External dimensions S*G*W (mm)	595*595*1935	595*595*1315
Internal dimensions S*G*W (mm)	475*515*1600	475*515*1108
Swing doors	1 (DIN right)	1 (DIN left)
Weight (kg)	147	121

ACCESSORIES AVAILABLE



Shelf	124.907.007
Material	Steel

FIREPROOF CABINET

30/1200



CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES

- Designed for the storage of flammable (hazardous) materials in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 30 min, in accordance with EN14470-1.
- Equipped with a single door with hinges on the right side, 3 fixed shelves and a bottom tray for collecting spills with a perforated lid to create an additional storage level.
- Shelves adjustable in height every 32 mm.
- Housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- It includes a system to hold the door leaf open as standard, so that bins can be inserted and removed from the cabinet with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- The use of adjustable feet allows for easy levelling and positioning of the cabinet.



124.845.201

Fire resistance



Certificates



Housing: RAL 7035 - light grey	
Product code, door: RAL 7035 - light grey	124.845.200
Product code, door: RAL 1007 - yellow	124.845.201
Model	SiS Type 30 / 1200
External dimensions S*G*W (mm)	1195*595*1935
Internal dimensions S*G*W (mm)	1075*515*1600
Doors	2
Weight (kg)	225



Shelf	124.907.007
Material	Steel

FIREPROOF CABINET

30 MIN, UNDERCOUNTER

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES



- Under-table, designed for the storage of flammable (hazardous) materials using free space under table tops and laboratory fume hoods, in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 30 min, in accordance with EN14470-1.
- Fitted with hinged doors and a bottom tray for waste collection, with a perforated lid to allow storage of bins. Enclosure made of sheet steel powder-coated in light grey RAL 7035.
- Doors in light grey RAL 7035 or yellow RAL 1007.
- It includes a system to hold the door leaf open as standard, so that bins can be inserted and removed from the cabinet with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, rear wall of enclosure).
- A shelf to create an additional storage level is available as an accessory.



124.950.114



124.845.105

Fire resistance



Certificates



Housing: RAL 7035 - light grey		
Product code, door grey RAL 7035	124.950.114	124.845.104
Product code, door yellow RAL1007	124.950.115	124.845.105
Cabinet model	AUS type 30 / 600 FT	AUS type 30 / 1100 FT
External dimensions S*G*W (mm)	600*570*600	1100*570*600
Internal dimensions S*G*W (mm)	472*470*425	986*455*425
Capture volume (l)	12	26
Swing doors	1 DIN right	2
Weight (kg)	63	110

FIREPROOF CABINET

90/900

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES



- Designed for the storage of flammable (hazardous) materials in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 90 min, in accordance with EN14470-1.
- Equipped with a double door, 3 fixed shelves and a bottom tray for collecting spills with a perforated lid, allowing an additional level of storage to be created.
- Shelves adjustable in height every 64 mm.
- Housing made of sheet steel powder-coated in light grey RAL 7035. Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- Includes a door leaf retention system as standard in the open position so that containers can be inserted and removed from the cupboard with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- The use of adjustable feet allows for easy levelling and positioning of the cabinet.



124.840.301

Fire resistance



Certificates



Housing: RAL 7035 - light grey		Equipment material
Product code, door: RAL 7035 - light grey	sheet	124.840.300
Product code, door: RAL 7035 - light grey	stainless steel V2A	124.840.310
Product code, door: RAL 1007 - yellow	sheet	124.840.301
Product code, door: RAL 1007 - yellow	stainless steel V2A	124.840.311
Model		SiS Type 90 / 900
External dimensions S*G*W (mm)		900*598*1935
Internal dimensions S*G*W (mm)		797*430*1700
Doors		2
Number of shelves		3
Weight (kg)		395

Accessories	Material	Product code
Shelf	Steel Sheet	124.912.004
Shelf	stainless steel V2A	124.912.005
PE insert for bottom sump, for storing aggressive substances		124.912.006
PE insert for shelves, for storing agents		124.912.007

Product code	124.912.100
External dimensions S*G*W (mm)	447*370*436
Doors	1

FIREPROOF CABINET

90/1200

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES



- Designed for the storage of flammable (hazardous) materials in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 90 min, in accordance with EN14470-1.
- Equipped with a double door, 3 fixed shelves and a bottom tray for collecting spills with a perforated lid to create an additional storage level.
- Shelves adjustable in height every 64 mm.
- Housing made of sheet steel powder-coated in light grey RAL 7035. Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- Standard includes a system to hold the door leaves open so that containers can be inserted and removed out of the wardrobe with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- The use of adjustable feet allows for easy levelling and positioning of the cabinet.



124.840.401

Certificates



Housing: RAL 7035 - light grey		Fittings material			
Product code, door: RAL 7035 - light grey	Steel Sheet	124.840.400	124.840.500		
Product code, door: RAL 7035 - light grey	stainless steel V2A	124.840.410	124.840.510		
Product code, door: RAL 1007 - yellow	Steel Sheet	124.840.401	124.840.501		
Product code, door: RAL 1007 - yellow	stainless steel V2A	124.840.411	124.840.511		
Model		SiS Type 90 / 1200	SiS Type 90 / 1200-1300		
External dimensions S*G*W (mm)		1190*598*1935	1190*598*1315		
Internal dimensions S*G*W (mm)		1087*430*1700	1087*430*1080		
Doors		2	2		
Weight (kg)		505	380		
Accessories	Material	Product code	Product code	124.912.100	124.912.200
Shelf	Steel Sheet	124.912.008	External dimensions S*G*W (mm)	447*370*436	1000*370*436
Shelf	stainless steel V2A	124.912.009			
PE insert for bottom sump, for storage of aggressive agents		124.912.010	Doors	1	2
PE insert for shelves, for media storage		124.912.011			

FIREPROOF CABINET

90/900



CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES

- Designed for the storage of flammable (hazardous) materials in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 90 min, in accordance with EN14470-1.
- Equipped with a double door, 3 fixed shelves and a bottom tray for collecting spills with a perforated lid, allowing an additional level of storage to be created.
- Shelves adjustable in height every 64 mm.
- Housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- Includes a door leaf retention system as standard in the open position so that containers can be inserted and removed from the cupboard with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- The use of adjustable feet allows for easy levelling and positioning of the cabinet.



124.840.600

Fire resistance



Certificates



Housing: RAL 7035 -	light grey	Fittings material
Product code, door: RAL 7035 - light grey	Steel Sheet	124.840.600
Product code, door: RAL 7035 - light grey	stainless steel V2A	124.840.610
Product code, door: RAL 1007 - yellow	Steel Sheet	124.840.601
Product code, door: RAL 1007 - yellow	stainless steel V2A	124.840.611
Model		SiS Type 90 / 1400
External dimensions S*G*W (mm)		1400*598*1935
Internal dimensions S*G*W (mm)		1297*430*1700
Doors		2
Weight (kg)		615

Accessories	Material	Product code
Shelf	Steel Sheet	124.912.012
Shelf	stainless steel V2A	124.912.013
PE insert for bottom sump, for storing aggressive substances		124.912.014
PE insert for shelves, for storing media		124.912.015

VERTICAL FIREPROOF CABINET

FAS 90/900

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES



- Designed for the storage of flammable (hazardous) materials in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 90 min, in accordance with EN14470-1.
- Equipped with a double door, 3 fixed shelves and a bottom tray for collecting spills with a perforated lid to create an additional storage level.
- Shelves adjustable in height every 64 mm.
- Housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- Standard includes a system to hold the door leaves open so that containers can be inserted and removed out of the wardrobe with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- The use of adjustable feet allows for easy levelling and positioning of the cabinet.



124.841.000

Fire resistance



Certificates



Product code, body: RAL 7035 - light grey, door: RAL 1007 - yellow		124.841.000
Model		SiS-FAS Type 90 / 900-EW
External dimensions S*G*W (mm)		900*900*1935
Internal dimensions S*G*W (mm)*		797*735*1290
Doors		2
Capacity - 200 litre drum, upright		1
Lower tray capacity		220
Weight (kg)		535

* From the top edge of the sump

Accessories	Product code
Grate, max. load 75 kg	124.841.130
PE insert for bottom sump, for storing aggressive substances	124.913.001
Plinth, tested for enclosure type 90 S*G*W (mm) = 900*900*113	124.913.002

DRUM HORIZONTAL FLAMMABLE CABINET, FAS 90/900



CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES

- Provides safe storage of a 60 litre drum horizontally with flammable (hazardous) materials to reduce fire risk, protect personnel and property, in working spaces (laboratories, production halls), with a fire resistance rating of 90 min, in accordance with EN14470-1.
- Fitted with a double door and a 67 litre drip tank for collecting spillages, made of 3 mm thick sheet steel, powder-coated in accordance with WHG requirements.
- Housing made of sheet steel powder-coated in light grey RAL 7035. Interior covered with HPL laminate.
- Doors in RAL 1007 yellow with pneumatic assistance, requiring no power supply, for easy opening and closing.
- It includes a system to hold the door leaves open as standard, so that barrels can be inserted and removed comfortably and safely.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- Height of galvanised drum shelves adjustable in 25 mm increments.
- Maximum shelf load 200 kg.



124.841.100

Fire resistance



Certificates



Product code, Housing: RAL 7035 - light grey, door: RAL 1007 - yellow	124.841.100	124.841.110	124.841.120	124.841.130
Model	SiS-FAS Type 90 / 900-360	SiS-FAS Type 90 / 900-260 GR	SiS-FAS Type 90 / 900-160 GR	SiS-FAS Type 90 / 900 KG-GR
External dimensions S*G*W (mm)	900*900*1935	900*900*1935	900*900*1935	900*900*1935
Internal dimensions S*G*W (mm)*	797*735*1580	797*735*1580	797*735*1580	797*735*1580
Doors	2	2	2	2
60 litre capacity, steel barrel in horizontal position	3	2	1	-
Number of grids for storing small containers	-	1	2	3
Lower sump capacity (l)	67	67	67	67
Weight (kg)	530	530	530	530

* From the top edge of the sump

Accessories	Product code	Product code	Product code	Product code
Additional storage level in the form of a grate	124.913.009	124.913.009	124.913.009	124.913.009

FIREPROOF CABINET, FOR VERTICAL DRUMS, FAS 90/1550



CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES

- Provides safe vertical storage of 60 litre drum with flammable (hazardous) materials to reduce fire risk, protect personnel and property, in working spaces (laboratories, production halls), with a fire resistance rating of 90 minutes, in accordance with EN14470-1.
- Equipped with a double door and a 67 l drip tank for collecting spills, made of 3 mm thick sheet steel, powder-coated in accordance with WHG requirements.
- Housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in RAL 1007 yellow with pneumatic assistance, requiring no power supply, for easy opening and closing.
- As standard, it includes a system to hold the door leaves open so that barrels can be inserted and removed comfortably and safely.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- Height of galvanised drum shelves adjustable in 25 mm increments.
- Maximum shelf load 200 kg.



124.841.200



Transport plinth protected by a cover



Emergency opening

Fire resistance



Certificates



Product code,
Housing: RAL 7035 - light grey,
door: RAL 1007 - yellow

124.841.200

Model	SiS-FAS Type 90 / 1550-CW
External dimensions S*G*W (mm)	1550*1025*2200
Internal dimensions S*G*W (mm)*	1450*870*1645
Doors	2
Capacity - 200 litre drum, upright	2
Lower sump capacity (l)	220
Weight (kg)	1030



VERTICAL DRUMS FLAMMABLE CABINETS

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES

- Available in 2 versions depending on the 200 litre sump:
 - Mobile for forklift transport
 - Permanent



124.841.200

Fire resistance



Certificates



Product code, Housing: RAL 7035 - light grey, door: RAL 1007 - yellow	124.841.201
Model	SiS-FAS Type 90 / 1550-EW
External dimensions S*G*W (mm)	1550*1025*2200
Internal dimensions S*G*W (mm)*	1450*870*1745
Doors	2
Capacity - 200 litre drum, upright	2
Lower sump capacity (l)	220
Weight (kg)	1030

* From the top edge of the sump

Accessories	Product code
Grate, max. load 75 kg	124.913.003
PE insert for bottom sump, for storing aggressive substances	124.913.004
Plinth, tested for enclosure type 90 S* G*W (mm) 1550*1025*113	124.913.005

HORIZONTAL DRUMS FLAMMABLE CABINETS

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE
SUBSTANCES



- Provides safe storage of 60 l drums horizontally with flammable (hazardous) materials in order to fire hazard reduction, protection of personnel and property, in working rooms (laboratories, production halls), with a fire resistance rating of 90 min, in accordance with EN14470-1.
- Equipped with a double door and a footless sump with a 220 l grid for collecting spills, made of made of 3 mm thick sheet steel, powder-coated in accordance with WHG requirements.
- Housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in RAL 1007 yellow with pneumatic assistance, requiring no power supply, for easy opening and closing.
- As standard, it includes a system to hold the door leaves open so that barrels can be inserted and removed comfortably and safely.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- Equipped with an internal emergency door opening mechanism.
- Height of galvanised drum shelves adjustable in 25 mm increments.
- Maximum shelf load 200 kg.



124.841.310



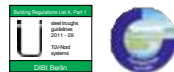
124.841.320

124.841.300

Fire resistance



Certificates



Product code, body: RAL 7035 - light grey, door: RAL 1007 - yellow	124.841.300	124.841.310	124.841.320
Model	SiS-FAS Type 90 / 1550-960	SiS-FAS Type 90 / 1550-660 GR	SiS-FAS Type 90 / 1550-360 GR
External dimensions S*G*W (mm)	1550*1025*2200	1550*1025*2200	1550*1025*2200
Internal dimensions S*G*W (mm)*	1450*870*1714	1450*870*1714	1450*870*1714
Doors	2	2	2
Capacity - 60 litre drum, horizontal	9	6	3
Number of grids for storing small containers	-	1	2
Lower sump capacity (l)	220	220	220
Weight (kg)	1040	1040	1040

* From the top edge of the sump

Accessories	Product code
Plinth, tested for enclosure type 90 S* G*W (mm) 1550*1025*113	124.913.005

FIREPROOF CABINET, FOR DRUMS/CONTAINERS IBC, FAS 90/1550-1430



CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES

- Provides safe vertical storage for 4 200 litre drums and smaller containers (with optional shelf) of flammable (hazardous) materials to reduce fire risk, protect personnel and property, in working spaces (laboratories, production halls), with a fire resistance rating of 90 minutes, in accordance with EN14470-1.
- Equipped with double doors and sump with a 220 l grid for collecting spillages, made of 3 mm thick steel sheet, powder-coated, in accordance with the requirements of the WHG.
- Enclosure housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in RAL 1007 yellow with pneumatic assistance, requiring no power supply, for easy opening and closing.
- As standard, it includes a system to hold the door leaves open so that drums and containers can be inserted and removed, conveniently and safely.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- Equipped with an internal emergency door opening mechanism and a base (plinth) to allow comfortable positioning of the enclosure and access to the space underneath the enclosure, e.g. with a forklift truck.
- Optional PE polyethylene insert for drip tray for storing particularly aggressive liquids and shelf for placing smaller containers (load capacity 75 kg).



Certificates



Product code, body: RAL 7035 - light grey, door: RAL 1007 - yellow	124.841.400	124.841.410	124.841.420
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Model	SiS-FAS Type 90 / 1550-1430	SiS-FAS Type 90 / 1550-1430 H	SiS-FAS Type 90 / 1550-1430 K
External dimensions S*G*W (mm)	1550*1430*2315	1550*1430*2315	1550*1430*2315
Internal dimensions S*G*W (mm)*	1450*1275*1761	1450*1275*1761	1450*1275*1276
Doors	2	2	2
Capacity for 200 litre drums (vertical)	4	-	4
Capacity for 200 litre drums (horizontal)	-	4	-
Capacity per KTC / IBC	-	-	1
Lower sump capacity (l)	220	220	1000
Weight (kg)	1450	1485	1620

Accessories	Product code	Product code	Product code
Grate, max. load 75 kg W*D (mm) = 1450*500	124.913.003	-	-
	124.913.007	124.913.007	124.913.008

UNDERCOUNTER FIREPROOF CABINET AUS 90/880-500

CABINETS FOR CHEMICALS AND TOXIC, FLAMMABLE SUBSTANCES



- Under-table, designed for storing flammable (hazardous) materials using free space under table tops and laboratory fume hoods, in working areas (laboratories, production halls), close to the workplace, with a fire resistance rating of 90 min, in accordance with EN14470-1.
- Fitted with a 2-leaf swinging door and a bottom tray for waste collection, with a perforated lid for bin storage.
- Enclosure housing made of powder-coated sheet steel in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- It includes a system to hold the door leaf open as standard, so that bins can be inserted and removed from the cabinet with both hands.
- It has a temperature control mechanism to ensure that the door closes and seals automatically in the event of a fire.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, rear wall of enclosure).
- A shelf to create an additional storage level is available as an accessory.



124.843.301



124.843.210

Fire resistance



Certificates



Housing: RAL 7035 - light grey		Material equipment			
Product code, doors / drawers: RAL 7035 - light grey	Steel sheet	124.843.200	124.843.250	124.843.300	124.843.350
Product code, doors/drawers: RAL 7035 - light grey	stainless steel V2A	124.843.210	124.843.260	124.843.310	124.843.360
Product code, doors/drawers: RAL 1007 - yellow	Steel sheet	124.843.201	124.843.251	124.843.301	124.843.351
Product code, doors/drawers: RAL 1007 - yellow	stainless steel V2A	124.843.211	124.843.261	124.843.311	124.843.361
Model		AUS Type 90 / 880-500 FT	AUS Type 90 / 880-500 SF	AUS Type 90 / 880-500 FT SF	AUS Type 90 / 880-500 SF SF
External dimensions S*G*W (mm)		877*500*600	877*500*600	877*500*600	877*500*600
Internal dimensions S*G*W (mm)		785*362*514	785*362*514	374 / 374*362*514	374 / 374*362*514
Doors		2	-	1	-
Drawer		-	1	1	2
Weight (kg)		125	128	126	128

Accessories	Material	Product code	Product code	Product code	Product code
Shelf	Steel sheet	124.915.012	-	124.915.014	-
Shelf	stainless steel V2A	124.915.013	-	124.915.015	-
additional pull-out shelf	Steel sheet	-	124.915.016	124.915.018	124.915.018
additional pull-out shelf	stainless steel V2A	-	124.915.017	124.915.019	124.915.019
Plinth height 35 mm	Steel sheet	124.915.020	124.915.020	124.915.021	124.915.021
Plinth, perforated, height 35 mm	Steel sheet	124.915.021	124.915.021	124.915.020	124.915.020

FIREPROOF CABINET SPECIAL 90/900



- Designed for storing documents, binders in working areas (laboratories, production halls, offices), close to the workplace, with a fire resistance rating of 90 min, based on standard EN14470-1.
- Equipped with a double door and 5 storage levels (shelves).
- Enclosure housing made of powder-coated sheet steel in light grey RAL7035.
- Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- It includes a system to hold the door leaves open as standard, so that documents can be inserted and removed from the cabinet with both hands.



Fire resistance



Certificates



124.861.110

Product code	124.861.100	124.861.110	124.861.200	124.861.210
Model	DKS type 90 / 1200	DKS type 90 / 1200	DKS type 90 / 1400	DKS type 90 / 1400
External dimensions S*G*W (mm)	1190*598*1935	1190*598*1935	1400*598*1935	1400*598*1935
Internal dimensions S*G*W (mm)	1087*430*1766	1087*430*1741	1297*430*1766	1297*430*1741
Swing doors	2	2	2	2
Storage levels	5	5	5	5
Height adjustment (mm)	332	332	332	332
Capacity	5*13 A4 binders	5*13 A4 binders	5*15 A4 binders	5*15 A4 binders
Equipment	Without locking protection	With locking protection	Without locking protection	With locking protection
Weight (kg)	475	480	620	625

EXHAUST FANS FOR STORELAB MODELS®

Our safety cabinets for the storage of hazardous substances are equipped with a DN 80 extraction connection. Forced ventilation can be provided by one of our standard fans or by means of a factory extraction system. Exhaust air must be routed out of the building into a hazard-free area. The operation of safety cabinets for the storage of flammable liquids in accordance with EN 14470-1 is regulated by TRGS 510. If the cabinets are used without forced ventilation, an Ex zone (Zone 2) must be established around the enclosure:

- at a distance of 2.5 m around the cabinet
- to a height of 50 cm

For this reason, and in order to avoid the presence of hazardous vapours around the cabinet, we always recommend using cabinets with an extractor fan (min. air change rate - 10 times per hour) in order to use it properly according to the regulations of TRGS 510. If the exhaust fan is used in a potentially explosive atmosphere, an Ex version is required.

MODELS 124.850.100, 124.850.110, 124.850.120

Extract from individual security cabinets For direct mounting on storelab® cabinets

- Not suitable under laboratory fume hood tops
- Mounting plate for easy attachment to the top of the enclosure - connectable fan suction.

When using an enclosure equipped with an extractor fan, it is not necessary to establish and maintain an Ex zone in its vicinity.

MODELS 124.850.200, 124.850.210, 124.850.220

Exhaust fan with mounting base for installation adjacent to (e.g. on a room wall) or on a safety cabinet

- Suitable for all storeLAB® safety cabinets.
- With mounting plate for easy attachment to the top of the enclosure.

MODELS 124.850.300, 124.850.310

For mounting on safety cabinets. Model with exhaust air monitoring:

- Extractor performance verified by airflow monitoring
- Audible alarm in case of fan stoppage or clogged vents



MODELS 124.850.100, 124.850.110, 124.850.120



MODELS 124.850.100, 124.850.110, 124.850.120



MODELS 124.850.300, 124.850.310

Product code	124.850.100	124.850.110	124.850.120	124.850.200	124.850.210	124.850.220	124.850.300	124.850.310
Ex	NO	YES	YES	NO	YES	YES	NO	NO
Power supply	230 V	400 V	230 V	230 V	400 V	230 V	230 V	230 V
Weight (kg)	6.0	6.0	6.0	6.0	6.0	6.0	7.5	7.5

HAZARDOUS SUBSTANCE FILTER FOR SAFETY CABINETS

The GFA Basic filter for hazardous substances operates with forced circulation and is used for the technical ventilation of storeLAB® type 30 and 90 cabinets according to EN 14470-1 for storing flammable liquids.

Due to its quiet operation, the GFA Basic hazardous substance filter is ideal for use at the workstation.

Operation, display, handling:

The GFA Basic hazardous substance filter reacts to coarse dirt (dust, etc.) as well as heavy contamination of the exhaust air with hydrocarbon vapours and gases.

Saturation of the filter is indicated by a warning light. Hydrocarbon vapours are removed from the enclosure's exhaust air as they pass through the built-in activated carbon filter so that the air can be forced directly into the room. A special feature of the filter is its tandem design. If the main filter becomes saturated, the second integrated filter provides additional safety for up to 14 days.

To ensure hazard-free working conditions, the hazardous substance filter must be serviced at least once a year and its operation checked by a qualified person. The activated carbon filter must be replaced during the inspection.

Technical specifications

Housing:	Powder-coated sheet metal, RAL 7035 - light grey
External dimensions S*G*W (mm):	310*510*210
Engine power:	0.03 kW
Nominal voltage:	230 V
Frequency	50 Hz
Current consumption:	0,2 A
Noise level:	< 42 dB (A)
Net weight (without filter):	10 kg
Weight of activated carbon filter:	3 kg
Volumetric flow (in the cabinet):	25 m3/h

Pros:

When using the GFA Basic hazardous substance filter, it is not necessary to maintain a hazardous area around the enclosure (see TRbF Annex L # 4.2.), as evidenced by a test report issued by an accredited testing, monitoring and certification body (laboratory accredited by the German accreditation council DAR).

Ventilation shafts leading the air outwards are not required, so no costly installation work is required.

No room air pollution due to essentially 100% filtering of solvent vapours - protection of workers' health.

Low servicing and maintenance costs.

Description

GFA Basic Hazardous Substance Filter Attachment	124.917.000
Adapter adapter for storeLAB® cabinets type 30/90	124.917.001
Adapter attachment for storeLAB® CHS 950 / SiBox	124.917.002
Adapter adapter for storeLAB® SiS-FAS Type 90/900 cabinet	124.917.003
Adapter adapter for storeLAB® SiS-FAS Type 90/1550 cabinet	included



124.917.000



124.917.001



124.917.004

FIREPROOF CABINET SIZ G30/600



- Designed for the safe storage of 50 litre compressed gas cylinders in working areas (laboratories, production halls), close to the workplace with a fire resistance rating of 30 minutes, in accordance with EN14470-2.
- Fitted with swinging door, gas cylinder holder, horizontal installation rails and stainless steel floor plate.
- Housing made of sheet steel, powder-coated in light grey RAL 7035.
- Interior covered with HPL laminate.
- Doors in light grey RAL 7035 with pneumatic assistance, requiring no power supply, for easy opening and closing.
- The in-house ventilation system guarantees efficient extraction of hazardous vapours (optional fan to be connected via ventilation connector DN 80, upper cabinet surface).
- The use of adjustable feet allows for easy levelling and positioning of the cabinet.



124.870.100



124.870.300 with optional shelf

Fire resistance



Product code, door: RAL 7035 - light grey	124.870.100	124.870.200	124.870.300	124.870.400
Product code, door: RAL 1007 - yellow	124.870.101	124.870.201	124.870.301	124.870.401
Model	SiZ G30/600	SiZ G30/900	SiZ G30/1200	SiZ G30/1400
External dimensions S*G*W (mm)	595*598*2015	900*598*2015	1190*598*2015	1400*598*2015
Internal dimensions S*G*W (mm)	492*430*1785	797*430*1785	1087*430*1785	1297*430*1785
Capacity (l)	up to 2 gas cylinders 50	up to 3 gas cylinders 50	up to 4 gas cylinders 50	up to 4 gas cylinders 50
Doors	1 (DIN opening to the right)	2	2	2
Weight (kg)	295	375	475	610

FIREPROOF CABINET SIZE G90



- Designed for the safe storage, emptying, dispensing of 50 litre compressed gas cylinders in working areas (laboratories, production halls), near the workplace with a fire resistance rating of 90 min.
- Fitted with swinging door, gas cylinder holder, horizontal installation rails and drop-down access hatch.
- The feedthroughs for pipes and cables are installed in the ceiling of the enclosure as standard, the ceiling is additionally marked with suitable places to drill holes for more feedthroughs (no additional brackets or seals are required).
- Housing made of sheet steel powder-coated in light grey RAL 7035, door in red RAL 3003.
- Internal structure finished with panels.
- Doors opening at an angle of 170°.
- An in-house ventilation system ensures efficient extraction of hazardous vapours (fan optional).



Fire resistance



Product code	162.500.300	162.500.400	162.500.500
Door colour	red - RAL 3003	red - RAL 3003	red - RAL 3003
Model	L	XL	XXL
External dimensions S×G×W (mm)	8950×610×2070	1195×610×2070	1395×610×2070
Internal dimensions S×G×W (mm)	730×404×1826	1030×404×1826	1230×404×1826
Capacity (l)	2 50 l gas bottles	3 50 l gas bottles	4 50 l gas bottles
Doors	2	2	2
Weight (kg)	477	595	680

SAFETY CABINET FOR GAS CYLINDERS

TRG 700 / TRG 1050 / TRG 1400



- Designed for the storage, emptying and dispensing of 50 litre gas cylinders outdoors and indoors.
- Fitted with doors with ventilation slots, gas cylinder holder and stainless steel floor.
- Housing made of galvanised sheet steel powder-coated in light grey RAL 7035.
- It is characterised by good corrosion resistance.
- Roof sloping towards the front.
- Top of roof with prepared holes for pipes and connection of ventilation extractor.
- Improves security with the ability to lock the cabinet.
- In addition, a side-mounted shelf is available to accommodate a smaller cylinder.



124.871.200



124.871.300



124.871.100

Product code, solid doors	124.871.100	124.871.200	124.871.300
Product code, door with polycarbonate glazing	124.871.110	124.871.210	124.871.310
Model	TRG 700	1050*400*2150	1400*400*2150
External dimensions S*G*W (mm)	700*400*2150	Double leaf	Double leaf
Doors	1 DIN right	8	10
Pipe holes	5	3	4
Number of 50-litre gas cylinders	2	90	120
Weight (kg)	65	375	475

SAFETY CANS



JUSTRITE
PLUNGER CAN
SAFETY TESTED SAFETY APPROVED
No. 10208
2 QT CAP (US)/1.9 LITERS
CAUTION
DO NOT SPILL OR UNLESS
CLEAN OR OTHER APPLICATION
COULD DAMAGE AREA
ATTENTION
NE PAS SPILLER SUIVRE
TOUTES LES AUTRES APPLICATIONS
POUR LE DANGER DE CORROSION
PRECAUCION
NO LO DERRER A MENOS QUE
UNA TELA O OTRAS COMIDAS
QUE APLICACIONES COMO LA
REAGIA ASOCIADA

JUSTRITE
MATTOON, IL 61938
RM09201
DAILY WASTE CAN
AN APPROVED SAFETY PRODUCT
PAT. NO. 1,754,802
CAPACITY
6 GALLONS
23 LITERS
FM APPROVED
UL LISTED
20F19





STEEL FLAMMABLE CAN TYPE I

- Convenient, safe pouring of flammable liquids and control of vapours to reduce the risk of fire and protect people and property.
- Ensures compliance with hazardous liquid storage regulations.
- One opening for filling and emptying.
- The self-closing, leak-proof cap prevents spills and leaks.
- The fire trap effectively dissipates heat, preventing the contents from igniting.
- For protection against bursting or explosion, at increased temperatures, a vent valve that opens at an internal overpressure of 0.2 to 0.35 bar.
- Strong, robust steel construction.
- Special ribs reinforcing the side walls, serving as "bumpers".
- Paint finish in durable powder varnish, resistant to chemicals and abrasions.



	104.201.100	104.201.104	104.201.135	104.201.136	104.201.143	104.201.144	104.201.151	104.201.152	104.201.159	104.201.160
Dimensions Diameter*W (mm)	117*172	117*210	241*279	241*279	241*349	241*349	298*292	298*292	298*429	298*429
Capacity (l)	0,5	1	4	4	7,5	7,5	9,5	9,5	19	19
Funnel	-	-	-	-	-	-	-	-	-	-

Accessories	Product code
 <p>Screw-fastened funnel with galvanised hose - for steel containers only, 25*356 mm</p>	104.102.355
 <p>Polyethylene funnel - only for steel containers from 4 l upwards, 13*286</p>	104.102.369

STEEL FLAMMABLE CAN TYPE II

- Enables flammable liquids to be transferred accurately, controlled and safely into smaller containers or tanks.
- Reduces the risk of fire, protects people and property.
- A special actuating lever with a vent and a drain handle ensure even and uniform, fast and fully controlled dispensing of liquids.
- The 229 mm-long flexible hose allows the fluid to be accurately fed into small openings and provides an equalising connection to prevent electrostatic discharge when connected to earth.
- Opening for rapid filling of the container.
- The self-closing, leak-proof cap prevents spills and leaks and limits the escape of liquid vapours.
- The fire trap effectively dissipates heat, preventing the contents from igniting.
- For protection against bursting or explosion, at increased temperatures, a vent valve that opens at an internal overpressure of 0.2 to 0.35 bar.
- Strong, robust steel construction.
- Special ribs reinforcing the side walls, serving as "bumpers".
- Paint finish in durable powder varnish, resistant to chemicals and abrasion.
- Warning label with large description field for easy identification of container contents or user



104.201.174



104.201.178



104.201.182



104.201.194

	104.201.174	104.201.178	104.201.182	104.201.183	104.201.194	104.201.195
	104.201.175	104.201.179	104.201.186	104.201.187	104.201.196	104.201.197
Dimensions W*W (mm)	241*267	241*337	298*205	298*205	298*445	298*445
Capacity (l)	4	7,5	9,5	9,5	19	19
Hose dia*D (mm)	16*229	16*229	16*229	25*229	16*229	25*229

POLYETHYLENE CAN, SAFETY, STAINLESS STEEL FITTINGS

- Made of high-density, chemically inert polyethylene.
- Resistant to acids and corrosive liquids, as well as to heat.
- Resistant to pitting, punctures and peeling.
- It is used to store highly corrosive and very pure liquids.
- Designed and manufactured with a unique conductive carbon insert technology, filling the path from the lid to the fire trap in the drain cock to ensure proper discharge of static electricity
 - prevents the creation of an electrical spark during filling or pouring.
- Dual-density fire trap provides protection against ignition without restricting the ability to fill or pour from the container.
- The self-closing cap, overpressure release mechanism and stainless steel fire trap are all components that prevent an external heat source from reaching the contents of the container.



104.203.419



104.203.409

104.203.407

	104.203.412	104.203.419	104.203.407	104.203.409
Dimensions W*W (mm)	273*362	324*406	117*194*241	117*194*324
Capacity (l)	9,5	19	2	4
Accessories	Stainless steel	Stainless steel	Stainless steel	Stainless steel

STEEL CAN, SAFETY, LABORATORY

- Convenient, safe pouring of flammable liquids into small test tubes, dishes and beakers.
- Guarantees vapour control to reduce the risk of fire and protect people and property.
- Ensures compliance with hazardous liquid storage regulations.
- Filling and emptying opening and drain cock.
- The fire trap effectively dissipates heat, preventing the contents from igniting.
- For protection against bursting or explosion, at increased temperatures, a vent valve that opens at an internal overpressure of 0.2 to 0.35 bar.
- Strong, robust steel construction.
- Special ribs reinforcing the side walls, serving as 'bumpers'.
- Paint finish in durable powder varnish, resistant to chemicals and abrasion.
- On selected models, the container rests in a sturdy metal cradle (stand), making fluid retrieval very easy and convenient. Self-closing, leak-proof cap prevents spills and leaks.

Tap model 08540



Certificates



104.201.164



104.201.166

	104.201.218	104.201.185	104.201.161	104.201.164	104.201.162	104.201.165	104.201.163	104.201.166
	104.201.188	104.201.189	104.201.168	104.201.169				
Dimensions W*W (mm)	298*292	298*292	298*429	298*429	298*403	298*403	298*403	298*403
Capacity (l)	9,5	9,5	19	19	19	19	19	19
Type	Shelving	Shelving	Shelving	Shelving	Tilting	Tilting	-	-
Tap type	Lower	Lower	Upper	Lower	Upper	Upper	Upper	Upper
Model chanter	08540	08902	08540	08902	08540	08902	08540	08902

POLYETHYLENE CAN, SAFETY, LABORATORY

- Convenient, safe pouring of flammable liquids into small test tubes, dishes and beakers.
- Guarantees vapour control to reduce the risk of fire and protect people and property. Ensures compliance with hazardous liquid storage regulations.
- One opening for filling and emptying and a drain cock.
- Made of high-density, chemically inert polyethylene.
- Resistant to acids and corrosive liquids, as well as to heat.
- Resistant to pitting, punctures and peeling.
- It is used to store highly corrosive and very pure liquids.
- Self-closing plug, overpressure release mechanism and fire trap made of stainless steel, are elements that prevent an external heat source from accessing the contents of the container, while not posing any restriction to filling the container or drawing liquid from it.



Tap model 08919

Tap model 08540

Certificates



104.203.418



104.203.416

	104.203.410	104.203.418	104.203.416	104.203.417
Dimensions W*W (mm)	184*292	292*432	292*432	292*432
Capacity (l)	4	19	19	19
Type	With self-closing tap 08919 of stainless steel	With self-closing brass tap 08540	With self-closing brass tap 08540 and stand	With self-closing brass top tap 08540

POLYETHYLENE CAN, SAFETY

- Made of high-density polyethylene for extraordinary chemical resistance and leak-proofness.
- The large, conveniently placed opening makes it easy to fill and empty the container.
- The convenient position of the handle allows the lid to be permanently in the open position, making it much easier to pour liquids into the container.
- Lid closure, with a spring-loaded clamp that releases excess pressure when there is an excess pressure inside the container of 0.2 to 0.35 bar.
- The fire trap prevents the contents of the container from igniting in the event of contact with fire.
- Stainless steel tooling provides excellent resistance to corrosive substances.



104.203.422



104.203.423



104.203.425

	104.203.424	104.203.422 104.202.316	104.203.423 104.202.317	104.203.425 104.202.322
Dimensions W*W (mm)	305*375	305*375	305*508	305*508
Capacity (l)	7,5	7,5	19	19
Instrumentation	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Built-in filling level indicator	-	-	-	-
Approvals, certificates	-	FM	FM	FM (white)

OIL WASTE CANS

- Safe disposal of rags soaked in oil, solvents and fire protection.
- The specially designed lid opens at an angle of more than 60 degrees and closes automatically when the foot pedal is released, isolating the contents of the container from sources of fire and ignition, and restricting the access of oxygen, making spontaneous combustion of the contents virtually impossible.
- The container's circular design and raised bottom improve air circulation around the container dissipating heat and reducing moisture and rusting.



SOUNDGARD™ COVER

The optional Soundgard™ cover significantly reduces closing noise, which can be important in environments requiring silence.



	104.200.006	104.200.026	104.200.027	104.200.028	104.200.029	104.200.030	104.200.031	104.200.033	104.200.034	
	104.200.007	104.200.001	104.200.005	104.200.009	104.200.013	104.200.017	104.200.032	104.200.021	104.200.025	
SOUNDGARD™	104.200.015	104.200.003		104.200.011		104.200.019		104.200.023		
		104.200.002		104.200.010		104.200.018		104.200.022		
Dimensions W*W (mm)	117*165	244*232	302*403	302*403	354*464	354*464	408*514	408*514	467*595	467*595
Capacity (l)	1,7	8	20	20	34	34	52	52	80	80
Approvals, certificates	FM	FM	FM,UL,TÜV	FM,UL	FM,UL,TÜV	FM,UL	FM,UL,TÜV	FM,UL	FM,UL,TÜV	FM,UL
Opening the lid	-	-	Footer	Manual	Footer	Manual	Footer	Manual	Footer	Manual

CANS FOR SOAKING, WASHING AND CLEANING

PLUNGER CANS

1.

- Helps to dampen rags or cloths quickly and easily.
- Pressing down on the brass pump fills the top cup with a measured amount of fabric soaking liquid.
- Excess liquid drains safely back into the container.
- The perforated screen serves as a fire trap.
- Bowl with raised rim, protects liquid from spillage.
- Finished with a durable, chemical-resistant powder coating.

1.



2.

- The non-metallic dispensing container allows easy one-handed dispensing of liquids directly onto the work surface.
- The brass metering valve is leak-proof and closes automatically when the trigger is released to control the amount of fluid dispensed and limit any leakage.

2.



104.201.105



104.201.118



104.203.405

	104.201.101	104.201.105	104.201.114	104.201.118	104.203.405	104.203.401	104.203.403	
	104.201.103	104.201.107	104.201.115	104.201.119	104.203.400			
Dimensions W*W (mm)	125*133	185*143	185*187	185*267	141*210	57*140	79*140	102*267
Capacity (l)	0,5	1	2	4	1	0,12	0,24	1
Bowl	Steel	Steel	Steel	Steel	Brass	-	-	-
Pump	Brass and Ryton®	Brass and Ryton®	Brass and Ryton®	Brass and Ryton®	Brass and Ryton®	-	-	-
Bowl diameter (mm)	70	128	128	128	128	-	-	-
Bore diameter (mm)						6	6	6
Approvals, certificates	FM, TÜV	FM, TÜV	FM, TÜV	FM, TÜV	FM, TÜV	-	FM	FM

CLEANING CONTAINER

- Indispensable when washing and cleaning a larger number of fine, small parts and components.
- An internal steel parts basket makes cleaning quick and easy.
- After cleaning, the basket is placed on top of the container to allow the solvent to drain out.
- The container is easy to move and adapt to changing production conditions.
- Fitted with a manually operated lid with a stable opening position for easy use of the container.
- The lid has a self-closing mechanism and a low-melting fastener that melts at 74°C and causes the lid to close automatically.
- Made from 0.5 mm thick steel plate.
- Covered with a durable, lead-free powder coating.



VERSION WITH POLYETHYLENE INSERT

- They are characterised by their high chemical resistance, allowing the use of strong, corrosive chemicals that are sometimes used in laboratories and industrial plants.
- The cartridges are easy to clean or replace if necessary.



	104.205.731	104.205.732	104.205.733	104.205.735	104.205.734
Dimensions W*W (mm)	238x254	289x286	349x330	349x330	397x362
Capacity (l)	4	8	13	13	23
HDPE insert	-	-	-	YES	-

CONTAINERS FOR SOAKING, WASHING AND CLEANING

- Allows for complete immersion, in the cleaning bath, of large parts and components.
- The steel sheet construction (1 mm), coated with a durable powder varnish, guarantees exceptional chemical resistance.
- The 19 mm drain plug allows for easy replacement of cleaning fluids.

1. Based on

- The height of the base provides comfortable access to the inside of the tank in both sitting and standing positions.
- The self-closing lid is controlled pedal so that it can be opened having both hands busy.
- An adjustable pneumatic shock absorber prevents the lid from falling rapidly (and catching your hand) when the foot is released.

1.



2. Countertop

- Positioned conveniently on a work surface or workbench.
- The lid is fitted with a latching mechanism to hold it open and a fusible link that melts at 74°C, resulting in a closing the lid in the event of a fire.

2.



104.205.711



104.205.713



104.205.704



104.205.707

	104.205.711	104.205.713	104.205.704	104.205.707
Dimensions S*G*W (mm)	610*406*222	895*406*305	610*406*222	895*406*305
Capacity (l)	42	83	42	83
Overall height	222	305	832	832

TWO-CHAMBER CONTAINER

- Allows for complete immersion, in the cleaning bath, of large parts and components.
- It allows pre-cleaning and removal of larger dirt in one chamber, followed by more thorough cleaning in the other chamber.
- Steel sheet construction (1 mm), coated with a durable powder varnish for exceptional chemical resistance.
- The height of the base provides comfortable access to the inside of the tank in both sitting and standing positions.
- The self-closing lid is pedal-operated, so it can be opened with both hands occupied.
- An adjustable pneumatic shock absorber prevents the lid from falling rapidly (and catching your hand) when the foot is released.
- The 19 mm drain plug allows for easy replacement of cleaning fluids.



Certificates



104.205.706



104.205.709

	104.205.706	104.205.709
Dimensions W*W (mm)	610*406*222	895*406*305
Capacity (l)	2*15	2*34
Overall height	832	832

CEASE-FIRE® ASHTRAY

CHARACTERISTICS AND EQUIPMENT

- ① The self-extinguishing design allows the throwing of lit cigarette butts or extinguishing a cigarette against a metal insert.
- ② The large cross-section of the container neck prevents clogging of the inlet.
- ③ High-density polyethylene construction with added fireproofing requires no special maintenance, is dent-, crack- and peel-resistant and does not fade from sunlight.
- ④ Cease-Fire® self-extinguishing technology minimises the 'chimney effect' found in other containers of this type.
- ⑤ The innovative Cease-Fire® design restricts the supply of oxygen so that cigarette butts are extinguished for reduced risk fire.
- ⑥ Easy-to-open and easy-to-close lid ensures airtightness and prevents leaks. A manually unscrewed screw fastens the upper section to the lower section.
- ⑦ The large 15 litre steel bucket can hold thousands of cigarette butts and can easily be removed for cleaning.
- ⑧ The wide base (419 mm) provides stability for the container.
- ⑨ Product supplied fully assembled, ready to use.
- ⑩ The patented design of the inner drainer prevents drips from escaping tar and makes it easy to keep the container clean.
- ⑪ Hook-and-loop eyes in the base on both sides provide security in case of high winds or theft.



- embossed graphic symbols inform about the purpose of the container
- 38 mm hole makes the ashtray easy to use and tidy
- The shielded inlet prevents rain from entering and makes it difficult to throw in other rubbish. Large head disperses heat



	104.204.579	104.204.580	104.204.581	104.204.583	104.204.582
Dimension W*D (mm)	978*419	978*419	978*419	978*419	978*419
Capacity (l)	15	15	15	15	15
Colour	Grey	Beige	Black	Brown	Green

BOXES FOR BULK AND SOLID MATERIALS

- Designed for storing loose sorbent, gravel, sand and salt indoors or outdoors.
- It serves as a handy container for polypropylene sorbents or hazardous waste, small components and parts.
- Made of environmentally friendly PE plastic, entirely recyclable.
- Construction, resistant to most chemicals and UV radiation.
- The sloping lid ensures that water runs off quickly.
- The large entrance opening makes it easy to access the contents.
- Optional lightweight bulk scoops, plastic snap closure and the option of a company logo on the lid.



121.300.112



121.300.111

Product code	121.300.112	121.300.111	121.300.110
With a sweep	121.300.113	121.300.115	121.300.114
Height (mm)	570	570	570
Width (mm)	650	650	650
Depth (mm)	500	500	500
Weight (kg)	9,5	9,5	9,5
Capacity (l)	110	110	110
Colour	yellow	green	red

JBS 130

BULK STORAGE GRIT BIN, 130 L



- Designed for storing loose sorbent, gravel, sand and salt indoors or outdoors.
- Construction, resistant to most chemicals and UV radiation.
- Forklift accessible.
- Allows containers to be stored stacked one on top of the other (stack) for ease of transport and to reduce the space required for storage.
- The sloping lid ensures that water runs off quickly.
- The large entrance opening makes it easy to access the contents.
- It has a narrow shape for easy positioning against a wall and takes up little space.

JBS 200

BULK MATERIAL STORAGE GRIT BIN, 200 L



- Designed for storing loose sorbent, gravel, sand and salt indoors or outdoors.
- Construction, resistant to most chemicals and UV radiation.
- Forklift accessible.
- They allow containers to be stored stacked one on top of the other (stack) for ease of transport and to reduce the space required for storage.
- The sloping lid ensures that water runs off quickly.
- The large entrance opening makes it easy to access the contents.
- They have a narrow shape for easy positioning against a wall and take up little space.

Product code	121.310.130	121.310.131	121.310.132	121.310.200	121.310.201	121.310.202
Height (mm)	750	750	750	855	855	855
Width (mm)	850	850	850	1005	1005	1005
Depth (mm)	500	500	500	590	590	590
Weight (kg)	12	12	12	16,5	16,5	16,5
Capacity (l)	130	130	130	200	200	200
Colour	yellow	green	red	yellow	green	red

JBS 400

BULK AND SOLID MATERIAL STORAGE BIN, 400 L

- Designed for storing loose sorbent, gravel, sand and salt indoors or outdoors.
- It successfully serves as a handy container for polypropylene sorbents or hazardous waste, small components and parts.
- Made of environmentally friendly PE plastic, entirely recyclable.
- Construction, resistant to most chemicals and UV radiation.
- The sloping lid ensures that water runs off quickly.
- The large entrance opening makes it easy to access the contents.
- Optional lightweight bulk scoops, plastic snap closure and the option of a company logo on the lid.



Product code	121.300.401
Height (mm)	885
Width (mm)	1000
Depth (mm)	755
Weight (kg)	20,5
Capacity (l)	400

JBS 500

SOLID MATERIAL STORAGE BOX, 500 L

- Designed to store chemical materials and spill response equipment, life jackets, gardening tools, etc. indoors or outdoors.
- It successfully serves as a high-capacity handy workshop container for polypropylene sorbents or hazardous waste, small parts and components.
- Made of environmentally friendly PE plastic, fully recyclable
- Construction, resistant to most chemicals and UV radiation.
- Forklift accessible.
- Allows containers to be stored stacked one on top of the other (stack) for ease of transport and to reduce the space required for storage.
- The sloping lid ensures that water runs off quickly.
- It includes a locking system in the form of a cam lock, straps holding the lid and a locking knob.



Product code	121.310.500	121.310.501
Height (mm)	830	830
Width (mm)	1265	1265
Depth (mm)	850	850
Weight (kg)	25,5	25,5
Capacity (l)	500	500
Colour	yellow	red



MOBILE STAND, INFORMATION STATION

- Mobile and stationary rack for a wide range of hand-held equipment (hazard information boards / first aid kits / firefighting equipment / LOTO interlocks and markings / traffic management equipment / information point, etc.).
- For indoor and outdoor applications.
- Easy assembly and disassembly
- Highly customisable
- Comfortable, ergonomic handles
- Solid rubber wheels (Ø 200 mm)
- Large opening for easy access to contents
- Sloping lid ensures fast water drainage
- Easy cleaning
- Chemical-resistant MDPE plastic fully recyclable, UV-stabilised
- Can be locked with a padlock (no padlock included)
- 3 points in the base for fixing the stand to the ground
- Stackable for easy transport
- Suitable for transport with most types of forklift trucks
- Capacity/capacity:
 - Fire extinguishers 2 x 6 kg (HS1NL-BB1-RE)
 - Sandbags 2 x 25 kg



Product code	121.700.100	121.700.101	121.700.102
Colour:	red	yellow	green
Dimensions W*S*G	1725*755*595	1725*755*595	1725*755*595
container capacity	100 l	100 l	100 l
weight	26.5 kg	26.5 kg	26.5 kg

UNIKART CONTAINER

MOBILE CONTAINER FOR BULK MATERIALS

- Rainproof with a wide range of applications (gravel, salt, sand, sorbents, fertilisers, animal feed, gardening materials, coal/firewood, etc.).
- Designed for indoor or outdoor use and storage.
- Key features of the trolley include its small size and compact design, rubber wheels and a sloping lid to facilitate rainwater drainage.
- It has an ergonomic handle.
- The side parts are used to push the trolley and the middle part to pull it.
- The excellent balance makes it easy to manoeuvre and the width of the trolley makes it possible to pass through doors designed for pedestrian traffic.
- It is easy to keep clean and its design allows multiple trolleys to be stacked vertically for easy transport.
- Made of chemical-resistant PE. 100% recyclable.



KADDIE CONTAINER

- Housing, door, and lid made of durable polyethylene.
- It has a swinging door that opens 180 degrees and a top lid that opens upwards for easy access to the inside of the container.
- Two stable wheels ensure that the trolley can be moved with confidence.



121.350.100

121.350.300

121.350.200

197.100.100

Product code	121.350.100	121.350.200	121.350.300	197.100.100
With plastic clip	121.350.101	121.350.201	121.350.301	
Dimensions W*S*G (mm)	1070* 590*435	1070* 590*435	1070* 590*435	914*604*406
Weight (kg)	11	11	11	15
Capacity (l)	75	75	75	34

CONTAINERS FOR FLUORESCENT LAMPS

- Designed for the transport and storage of used fluorescent lamps/neon tubes
- Made of high-quality polyethylene, their dimensions are adapted to the length of the fluorescent lamps/neon.
- Weather resistant (moisture)
- Meet the requirements of current standards

WHAT YOU SHOULD KNOW ABOUT FLUORESCENT LAMPS:

- do not dispose of fluorescent lamps in the bin with other waste
- any broken fluorescent lamp must be secured
- no other waste may be stored in the packaging containing the fluorescent lamps!
- storage of fluorescent lamps must take special precautions so as not to damage the tubes
- fluorescent tubes must be clean: cleaned of dust and any contaminants such as oil, grease, paint



Product code	181.130.100	181.130.110	181.130.120
Length of neon/luminaire (mm)	1200	1500	600
Capacity	50 fluorescent lamps with a diameter of 25 mm	50 fluorescent lamps with a diameter of 25 mm	50 fluorescent lamps with a diameter of 25 mm
Length (mm)	1265	1595	665
Outer socket diameter (mm)	300	300	300
External barrel diameter (mm)	220	220	220
Colour	yellow/black	yellow/black	yellow/black

CHARACTERISTICS OF OIL SAFE CANS

- The containers come in five sizes and are fitted with special Oil Safe® lids.
- The lids are fully versatile and adaptable to any size of container. Simply choose the lid that best suits your application.
- The 10 different colours of the caps make it possible to determine the method of labelling lubricants in order to avoid confusion regarding the types of lubricants and their improper use.
- The Oil Safe® lubrication system is the world's first fully sealed container system for the handling and dispensing of oil and coolants.

1 COVERINGS

The bright colours make it easy to find the right container among others and allow for easy labelling of lubricant types. All types of lids fit all containers.

- ## 2
- The semi-transparent containers allow you to see the amount of liquid without opening the container - there is less risk of contamination of the contents.

3 PUMP

The Oil Safe® pump has a capacity of 1 litre for approximately 14 strokes.

4 PUSH BUTTON

An air-in button allows for quick pouring of lubricating fluids.

5 HANDLE

The lid handle is strong and easy to grip.

6 FLEXIBLE ENDS

Flexible spout tips, allow you to reach hard-to-reach areas.



BENEFITS OF PURCHASING AN OIL SAFE SYSTEM

The selection of the best containers for lubrication systems is based on three selection criteria:

1. To what extent does the container in question prevent contamination from entering the oil?
2. How easy is it to use?
3. How easy is it to keep clean?

Only Oil Safe containers meet all these criteria. They are made of durable plastic and have leak-proof closures. These containers are specifically designed for the storage and transport of lubricating materials inside industrial plants. The containers are durable, have lockable dispensing spouts and are easy to label, clean.

A separate hand pump built into the lid is also offered for these containers. Once Oil Safe containers have been selected for the transport and dispensing of oils, confirmation will be obtained that the reduction of contamination, dispensing and use of lubricants has become much more economical. These products will save time and money.

In addition, they will enable the reduction of oil spills and leaks and facilitate the implementation of lubrication procedures. They will certainly have an impact on reducing failures due to improper lubrication by improving the cleanliness of the oils entering the machinery and increasing productivity by reducing oil pouring times.

OILSAFE CANS

The translucent container with an embossed scale makes it easy to see the contents of liquids. Has a hole to fit the lids of the Oil Safe with a diameter that facilitates quick pouring of liquids and cleaning of containers.



	105.101.001	105.101.002	105.101.003	105.101.005	105.101.010
Capacity (l)	1,5	2	3	5	10



PUMP

The pump with extendable piston has a capacity of 1 litre for approximately 14 piston strokes. It fits the Oil Safe universal lid and Oil Safe 3, 5 and 10 litre containers. It comes complete with an outlet hose and a non-leaking spout.



105.102.000

COVERINGS

The quick-release lids are easy to open and close, protecting the contents from contamination.



	STORAGE LID	UTILITY LID	STRETCH SPOUT LID	MINI SPOUT LID	STUMPY SPOUT LID
Type	Warehouse	Universal	With long spout	With mini spout	With wide spout
	A cost-effective storage lid for filling more containers and safely storing them ready for use. It is a convenient accessory to facilitate the use of 3, 5 or 10-litre containers	Multifunctional lid with a large opening for quick pouring of lubricating fluids. The lid fits 3, 5 or 10 litre containers and can be used with the Oil Safe pump.	Designed for use where accurate dispensing of lubricants is required in hard-to-reach areas. The spout controls the flow and protects the contents from the contaminants. Ideally suited for low viscosity oils (less than ISO 220), the lid handle is strong and comfortable to grip and the spout tip is easy to open and close.	With a small outlet diameter of approximately 7 mm, this mini spout is ideal for pouring out oil lubricant for small holes. The spout controls the flow and protects the contents from the contaminants, the lid handle is strong and comfortable to grip and the spout tip is easy to open and close.	Large-diameter spout, designed for use in areas where high fluid flow is required lubricants. Controls the flow and protects the contents from contaminants, the lid handle is strong and comfortable to grip and the spout tip is easy to open and close.

	105.100.100	105.100.200	105.100.300	105.100.400	105.100.500
	105.100.101	105.100.201	105.100.301	105.100.401	105.100.501
	105.100.102	105.100.202	105.100.302	105.100.402	105.100.502
	105.100.103	105.100.203	105.100.303	105.100.403	105.100.503
	105.100.104	105.100.204	105.100.304	105.100.404	105.100.504
	105.100.105	105.100.205	105.100.305	105.100.405	105.100.505
	105.100.106	105.100.206	105.100.306	105.100.406	105.100.506
	105.100.107	105.100.207	105.100.307	105.100.407	105.100.507
	105.100.108	105.100.208	105.100.308	105.100.408	105.100.508
	105.100.109	105.100.209	105.100.309	105.100.409	105.100.509



105.100.101



105.100.507



105.100.409

Accessories	Product code
Hose	105.102.020
Hose	105.102.021

ADVANCED LABELLING SYSTEM

The highly visible, simple and reliable LABEL SAFE™ labelling system is designed to ensure that the right lubricant always goes to the right machine.

Specifically designed for industry, the LABEL SAFE™ system is the only industrial-grade labelling system in the world that ensures accurate identification of lubricants throughout their journey and use, from bulk containers to the point of direct application.

The LABEL SAFE® system is innovative, practical and long-lasting, providing excellent organisation of lubricant use by means of differentiated colour schemes.

- Ensuring that the right lubricant always reaches the right machine
- Improving compliance with OSHA regulations
- Use of Material Safety Cards at every step of the lubrication process
- Uniform identification system for bulk containers, transport containers and places of use
- Flexibility and adaptability to different application sites
- Industrial quality, can be used outdoors
- Improving the productivity and efficiency of industrial processes
- Reduction in effective machine running costs



The LABEL SAFE® system is part of a family of innovative products that together form a modern lubricant management system covering the entire lubricant lifecycle, from the point of dispensing from bulk containers to the point of direct application.

LABEL POCKET™

- Double-sided pocket designed to accommodate labels or cards detailing the contents of containers; provides enough space for complete information regarding containers and equipment.
- Offered in a larger format for Material Safety Cards or other information.
- Transparent













	105.200.101	105.200.102
Dimensions (cm)	5*12,5	10*12,5

LABEL POCKET FRAME™

- Industrial frame for protecting and colour-coding LABEL POCKET™ pockets, attached to devices with LABEL MAGNET™ magnets or to OIL SAFE™ containers with DRUM RING™.



	105.200.000
	105.200.001
	105.200.002
	105.200.003
	105.200.004
	105.200.005
	105.200.006
	105.200.007
	105.200.008
	105.200.009

ACCESSORIES



DRUM RING™	LABEL LEASH™	LABEL MAGNET™	ID WASHER LABEL CLAMP™	LABEL WRAP™
105.201.001	105.202.001	105.203.002	105.204.001	105.206.000
Ring	Label cord	Magnet	Clamp	Cylindrical cap
Durable ring for attaching labels to the OILSAFE™ container. Designed for attaching several label pockets and colour frames to identify containers and liquids.	Cables for attaching LABEL POCKET™ label pockets to machines, pipes and other equipment. Used individually or in chains, in order to achieve longer fixings. Unlike cable clamps, which are used to fix markings, the cables can be disconnected and used again.	Magnet for attaching LABEL POCKET™ label pockets. Very strong, specially adapted for placing on containers, barrels, shelves, equipment or any metal surface.	Clamp that attaches to FILL POINT ID WASHER™ pads to create a complete system for marking the pouring points of liquids into devices. Enables the attachment of LABEL POCKET™ pockets or LABEL FRAME™ frames.	Cylinder cap with space for LABEL POCKET™ label pocket. Allows colour coding and identification of grease guns, automatic lubricators, air vents, aerosol cans and other shaped containers.
Available colours: 				

FILL POINT ID WASHER™

- Identification pad resistant to extreme temperatures and chemicals.
- Designed for colour-coded marking of filling points for machinery and equipment or lubrication points.
- Allows the clamp, pocket or frame to be fixed at the point of lubricant application.



	1/8"-3,2 mm	1/4"-6,5 mm	3/8"-9,5 mm	1/2"-12,7 mm	3/4"-19,1 mm
	105.210.000	105.220.000	105.230.000	105.240.000	105.250.000
	105.210.001	105.220.001	105.230.001	105.240.001	105.250.001
	105.210.002	105.220.002	105.230.002	105.240.002	105.250.002
	105.210.003	105.220.003	105.230.003	105.240.003	105.250.003
	105.210.004	105.220.004	105.230.004	105.240.004	105.250.004
	105.210.005	105.220.005	105.230.005	105.240.005	105.250.005
	105.210.006	105.220.006	105.230.006	105.240.006	105.250.006
	105.210.007	105.220.007	105.230.007	105.240.007	105.250.007
	105.210.008	105.220.008	105.230.008	105.240.008	105.250.008
	105.210.009	105.220.009	105.230.009	105.240.009	105.250.009

EXTERNAL LABEL SAFE™ PAPER LABELS

- Paper labels for marking lubricants stored outdoors, resistant to oils, liquids and tear, allow accurate marking and identification of industrial equipment and containers.
- Adapted for use with pockets and other elements of the LABEL SAFE™ system.



EXTERNAL, SELF-ADHESIVE PAPER LABELS (LABEL SAFE)

Colourful, weather-resistant vinyl self-adhesive labels can be applied directly to containers with liquids or in other places to identify the contents.



Dimensions (cm)	5 x 12,5, rectangle dia	.5 cm, circle
	105.280.000	105.280.500
	105.280.001	105.280.501
	105.280.002	105.280.502
	105.280.003	105.280.503
	105.280.004	105.280.504
	105.280.005	105.280.505
	105.280.006	105.280.506
	105.280.007	105.280.507
	105.280.008	105.280.508
	105.280.009	105.280.509

Dimensions (cm)	5 x 12,5, rectangle
	105.282.100
	105.282.101
	105.282.102
	105.282.103
	105.282.104
	105.282.105
	105.282.106
	105.282.107
	105.282.108
	105.282.109

SUMP PALLET


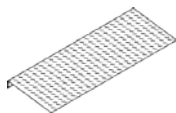
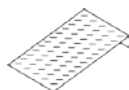
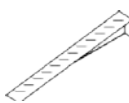
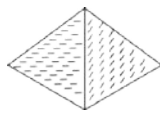




SUMP LOW, WORKING PLATFORM

- Made of highly durable 3 mm steel sheet, tightly welded and then galvanised
- Ideal for storing drums and containers with hazardous liquids (oils, petrol, solvents, chemicals, etc.)
- Suitable for the storage of flammable, highly flammable and extremely flammable materials
- Withstands intensive use in industrial environments
- Meets the requirements of European directives for sump pallets
- Used to permanently capture spills from containers and drums stored indoors
- Individual sump modules can be combined to create a larger surface area
- Strong, self-aligning platform is non-slip and easily removable for cleaning
- The design allows a forklift to move over its surface
- Optional driveway ramp

	Product code	Dimension s D*S*W (mm)	Capacity (l)
	109.102.300	500*500*118	20
	109.102.301	1000*500*118	41
	109.102.302	1000*1000*118	83
	109.102.303	2500*500*118	104
	109.102.304	2500*1000*118	210
	109.102.305	2000*500*118	83
	109.102.306	2000*1000*118	168

Accessories	Product code	Type	Edge (mm)
	109.199.539	Ramp	2000
	109.199.540	Ramp	2500
	109.199.541	Ramp	500
	109.199.544	Connect or	-
	109.199.543	Corner unit	-



ADVANTAGES OF STEEL SUMP TRAYS

CHARACTERISTICS AND EQUIPMENT

- ① Fire zinc coating, obtained by immersing a previously chemically cleaned structure in a bath of liquid zinc, protects against corrosion for decades without the need for repairs, and while maintaining a virtually unchanged appearance external.
- ② Seal-welded and then hot-dip galvanised 3 mm sheet steel.
- ③ Adapted for the storage of flammable materials, highly flammable and extremely flammable.
- ④ Robust, non-sliding press-fit truss (press-fit)
- ⑤ The dimensions of the pallet (sump) and its capacity meet leakage control requirements.
- ⑥ The design allows it to be transported using a trolley.
- ⑦ Welds in accordance with EN ISO 3834-2:2007
- ⑧ Handy system for fixing the truss on special hangers.
- ⑨ 33x33 cm grid mesh for stability and high load-bearing capacity of the sump tray
- ⑩ Reinforced construction of the sump feet, made of 5 mm sheet metal





SUMP TRAY, STEEL

- Made of highly durable 3 mm steel sheet, tightly welded and then galvanised.
- Ideal for the storage of IBC/KTC containers or 200 l drums with hazardous liquids (oils, petrol, solvents, chemicals, etc.).
- Adapted for the storage of flammable, highly flammable and extremely flammable materials.
- Withstands intensive use in industrial environments.
- Meets the requirements of European directives for sump pallets (trays).
- It is used to permanently capture spills from containers and drums stored indoors.
- The strong, self-aligning platform is non-slip and removes easily for cleaning.
- The dimensions of the pallet (sump) and its capacity meet the most stringent requirements for controlling spills in industrial plants.
- The design allows it to be transported using a trolley.



168.101.005



168.101.004



168.100.003



168.100.001



168.100.000

Product code	Dimensions D*S*W (mm)	Load capacity (kg)	Storage	Capacity(l)	Weight (kg)
168.101.005	2650*1300*430	2400	2*IBC	1000	258
168.101.004	1350*1650*620	1200	1*IBC	1000	202
168.100.003	1340*1270*260	1100	4*200 l	209	94
168.100.001	1340*860*320	1500	2*200l	214	72
168.100.000	860*860*410	950	1*200l	202	60



SUMP FOR IBC/KTC CONTAINERS

- Made of highly durable, 3 mm steel sheet, tightly welded and then galvanised
- Ideal for the storage of IBC/KTC containers, 200 litre or 50/60 litre drums with hazardous liquids (oils, petrol, solvents, chemicals, etc.).
- Suitable for the storage of flammable, highly flammable and extremely flammable materials
- Withstands intensive use in industrial environments
- Meets the requirements of European directives for sump pallets
- Used to permanently capture spills from containers and drums stored indoors
- Strong, self-aligning platform with a strength of up to 1,000 kg/m², is non-slip and easily removable for cleaning
- The design allows transport by forklift.



109.101.007



109.101.008

Product code	Dimension s D*S*W (mm)	Capacity(l)	Number of IBCs (pcs)	Steel stand
109.101.007	1650*1350*980	1000	1	YES
109.101.008	2690*1650*830	1000	2	YES



SPILL TRAY WITH OR WITHOUT PLATFORM

- Used for permanent spill containment or as a dispensing area for liquids from containers
- Made from highly durable and chemical-resistant 100% recyclable polyethylene
- It is ideal for storing containers with oils or chemicals, even the most aggressive ones.
- Non-sliding platform easily removable for cleaning
- The design allows one to be inserted into the other for easy transport and storage.
- Dimensions suitable for Euro pallet



121.130.600



121.130.602



121.130.606



121.130.609



121.130.607

With yellow platform	Product code	Dimensions D*S*W (mm)	Capacity (l)	Weight (kg)	Load capacity
	121.130.700	400*300*155	10	2	50
	121.130.600	600*400*155	20	3	50
	121.130.602	805*405*155	30	4,5	50
	121.130.604	800*600*155	40	6,5	100
	121.130.606	1000*600*175	60	9	200
	121.130.608	1200*800*175	100	14	200

Without platform	Product code	Dimensions D*S*W (mm)	Capacity(l)	Weight (kg)
	121.130.703	400*300*155	13	1
	121.130.601	600*400*155	28	2
	121.130.603	805*405*155	39	3
	121.130.605	800*600*155	60	3,5
	121.130.607	1000*600*175	87	5
	121.130.609	1200*800*175	143	6,5

Modular, environmentally friendly platforms can be adapted to the shape of the space. These are solutions to reduce spillages during filling and retrieval them from drums. They are ideal for storing chemicals and batteries.




CONNECTING SUMP

The individual sump modules can be combined to create a larger working area. A set of connecting profiles (121.110.900/901) and a cross connector (121.110.904) are required to seal the edges between the bath sump and connect them permanently.

- Made of highly durable and chemical-resistant polyethylene
- Ideal for the storage of batteries and drums and containers with oils or chemicals, even the most aggressive ones.
- Meets the requirements of most European directives on sump pallets (trays)
- Used for permanent spill containment or as a dispensing point for liquids from containers and drums
- Strong, self-aligning truss is non-slip and easily removable for cleaning
- Individual pallet modules (sump) can be combined to create a larger work surface.
- In order to seal the edges between the sump and to connect them permanently, a set of connecting profiles and a cross connector should be used.
- Optional driveway ramp
- Colours available:








	Product code	Dimension s D*S*W (mm)	Capacity (l)	Number of barrels	Load capacity (kg)	Weight (kg)
Yellow	121.110.200	1600*800*150	112	2*200l	1000	24,5
	121.110.400	1600*1600*150	232	4*200l	2000	45
Black colour	121.110.201	1600*800*150	112	2*200l	1000	24,5
	121.110.401	1600*1600*150	232	4*200l	2000	45



Accessories	Product code	Dimension s D*S*W (mm)	Weight (kg)	Load capacity (kg)
 <p>Made of highly durable and chemical-resistant polyethylene. Attached to the module with hooks, with a low angle of inclination, it makes it easy to position and remove heavy drums with trolleys. The non-slip ribbing ensures safe transport of drums and containers.</p>	121.110.700	810*1290*180	15	500



LOW-PROFILE SUMP TRAY ECO100%

- Made of highly durable and chemical-resistant polyethylene
- Ideal for the storage of batteries and drums and containers with oils or chemicals, even the most aggressive ones.
- Used for permanent spill containment or as a dispensing point for liquids from containers and drums
- Optional connecting clamps securely link the sump tray modules together to create a common working platform
- The optional overflow kit allows the modules to be combined to increase the total capture capacity.
- Sturdy, 100% recycled material, 64mm thick self-aligning platform, is non-slip and removes easily for cleaning

	Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of barrels	Load capacity (kg)	Weight (kg)	Compliance with regulations
	104.651.101	635*635*140	45	1*200l	567	8	-
	104.651.201	1245*635*140	90	2*200l	1134	15	-
	104.651.401	1245*1245*140	185	4*200l	2268	28	-
	104.651.601	1854*1245*140	276	6*200l	3402	41	EPA,SPCC,U,O
	104.651.801	2464*1245*140	371	8*200l	4356	55	EPA,SPCC,U,O

Accessories	Product code	Dimensions D*S*W (mm)	Weight (kg)	Load capacity (kg)
 RAMP	104.651.901	1219*838*159	19	455
 FIXING CONNECTORS One pair, stainless steel	104.651.950	102*51	0,5	
SUMP-TO-SUMP™ TRANSFER KIT One pair of stainless steel fittings, one pair of rubber seals, one PTFE tube	104.651.951		0,5	



MEDIUM SUMP

- Made of highly durable and chemical-resistant polyethylene
- Ideal for the storage of batteries and drums and containers with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- Meets the requirements of most European directives on sump pallets (trays)
- Used to permanently capture spills from containers and drums stored indoors
- The design allows it to be transported using a forklift truck
- The sump dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants
- Strong, self-aligning platform is non-slip and easily removable for cleaning



121.100.101



121.100.100

	Product code	Dimension s D*S*W (mm)	Capacity (l)	Number of barrels (pcs)	Load capacity (kg)	Weight (kg)
Yellow	121.100.101	1000*680*600	230	1*200l	400	19,5
Black colour	121.100.100	1000*680*600	230	1*200l	400	19,5



MEDIUM SUMP

- Made of highly durable and chemical-resistant polyethylene
- Ideal for the storage of batteries and drums and containers with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- Meets the requirements of most European directives on sump pallets (trays)
- Used to permanently capture spills from containers and drums stored indoors
- The design allows it to be transported using a forklift truck
- The sump dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants
- Strong, self-aligning platform is non-slip and easily removable for cleaning
- Optional driveway ramp



	Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of barrels	Load capacity (kg)	Weight (kg)
Yellow	121.100.201	1300*750*440	250	2*200l	650	20,5
	121.100.400	1380*1290*280	250	4*200l	1250	31
	121.100.451	1380*1290*480	485	4*200l	1250	41
	121.100.501	2445*660*270	235	4*200l	1250	34
Black colour	121.100.200	1300*750*440	250	2*200l	650	20,5
	121.110.401	1380*1290*280	250	4*200l	1250	31
	121.100.450	1380*1290*480	485	4*200l	1250	41
	121.100.500	2445*660*270	235	4*200l	1250	34



SUMP TRAY MEDIUM, ECO100%

- Made from highly durable and chemical-resistant polyethylene, 100% sourced from recycled materials, thus making a double contribution to environmental protection.
- Prevents the consequences of uncontrolled leaks.
- Enables the management of raw material waste that would otherwise pollute the environment
- It is ideal for reducing indoor spillages and storing drums and containers of oils or chemicals, even the most aggressive ones
- Withstands intensive use in industrial environments.
- Meets the requirements of European directives for sump pallets (trays), drip trays in terms of tightness and capacity
- The design allows it to be transported with a forklift.
- Strong, self-aligning platform 64 mm thick, is non-slip and removes easily for cleaning

	Product code	Dimensions D*S*W (mm)	Capacity(l)	Number of barrels	Load capacity (kg)	Weight (kg)	Compliance with regulations
Yellow	104.650.201	1245*635*457	250	2*200l	1134	20	EPA,SPCC,U,O
	104.650.301	1854*635*295	284	3*200l	1701	26	EPA,SPCC,U,O
	104.650.405	1245*1245*260	276	4*200l	2268	32	EPA,SPCC,U,O
	104.650.401	2464*635*229	284	4*200l	2268	32	EPA,SPCC,U,O
Black colour	104.650.203	1245*635*457	250	2*200l	1134	20	EPA,SPCC,U,O
	104.650.303	1854*635*295	284	3*200l	1701	26	EPA,SPCC,U,O
	104.650.407	1245*1245*260	276	4*200l	2268	32	EPA,SPCC,U,O
	104.650.403	2464*635*229	284	4*200l	2268	32	EPA,SPCC,U,O



Accessories	Product code	Dimensions D*S*W (mm)	Weight (kg)	Load capacity (kg)
<p>Pallet ramp for 4 barrels in a square</p>	104.650.901	838*267*1245	18	454



Drum spill EuroSump

- Made of highly durable and chemical-resistant polyethylene
- Ideal for the storage of batteries and drums and containers with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- The special design allows drums to be stored directly on the Europallet without the need for a truss.
- Meets the requirements of most European directives on sump pallets (trays)
- Used to permanently capture spills from containers and drums stored indoors
- The design allows it to be transported using a forklift truck
- The sump dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants



121.100.253



Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of barrels	Load capacity (kg)	Weight (kg)	Colour
121.100.251	1310*910*380	230	2*200l	650	16	black
121.100.253	1310*910*380	230	2*200l	650	16	yellow



RAMP FOR MEDIUM SUMPS

- The modular design allows the ramps to be extended and adapted to handle high-profile sumps using an optional booster block.

1.

- Ramp for sump trays MEDIUM
- Made from highly durable and chemical-resistant polyethylene.
- Attached to the module with hooks, with a low angle of inclination, it facilitates the positioning and removal of heavy drums using trolleys.
- The non-slip ribbing ensures safe transport of drums and containers.

2.

- Booster block for ramp
- Elevating element for driveway ramp.
- Made of highly durable and chemical-resistant polyethylene

How to select the number of appropriate elements:

Product code	Dimensions D*S*W (mm)	Weight (kg)
121.140.100	750*1000*150	9
121.140.101	750*795*165	9

Bath code	Ramp	Booster block
121.110.200/201	•	-
121.100.400/401	•	-
121.100.500/501	--	•
121.110.502	--	•
121.100.200/201	--	--
121.220.506	--	--
121.100.450/451	--	--
121.220.508	--	--




SUMP FOR IBC/KTC CONTAINERS

- Made of highly durable and chemical-resistant polyethylene
- Ideally suited for the storage of IBCs / KTCs with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- Meets the requirements of most European directives on sump pallets (trays)
- Used to permanently capture leaks from IBCs / KTCs stored indoors
- The design allows it to be transported using a forklift truck
- The sump's dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants
- Strong, self-aligning platform is non-slip and easily removable for cleaning

	Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of IBCs (pcs)	Platform	Load capacity (kg)	Weight (kg)
Yellow	121.120.102	1450*1450*1000	1120	1	Not	2000	74
	121.120.100	1450*1450*1000	1120	1	Yes	2000	95
Black colour	121.120.103	1450*1450*1000	1120	1	Not	2000	74
	121.120.101	1450*1450*1000	1120	1	Yes	2000	95



121.120.101

Accessories	Product code	Dimension D*S*W (mm)	Capacity (l)	Weight (kg)
 <p>Depending on the height of the pallet, different working compartments are used; for pallets under 2 IBCs, the compartment with the code 121.120.701 is designed, while the container for a pallet under 1 IBC has the code 121.120.700.</p>	121.120.701	640*590*665	100	8
	121.120.700	640*590*1065	100	13



SUMP FOR IBC/KTC AND SMALL CONTAINERS

- Made of highly durable and chemical-resistant polyethylene
- Ideally suited for the storage of IBCs / KTCs with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- Meets the requirements of most European directives on sump pallets (trays)
- Used to permanently capture leaks from IBCs / KTCs stored indoors
- The design allows it to be transported using a forklift truck
- Enlarged sump dimensions allow additional containers to be stored next to the IBC/KTC containers
- The sump dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants
- Strong, self-aligning sump is non-slip and easily removable for cleaning



	Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of IBCs (pcs)	Load capacity (kg)	Weight (kg)
Yellow	121.120.108	1680*1680*700	1260	1	2500	86
Black colour	121.120.109	1680*1680*700	1260	1	2500	86



SUMP WITH WORK COMPARTMENT FOR IBC/KTC

- Made of highly durable and chemical-resistant polyethylene
- Ideally suited for the storage of IBCs / KTCs with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- Meets the requirements of most European directives on sump pallets (trays)
- Used to permanently capture leaks from IBCs / KTCs stored indoors
- The design allows it to be transported using a forklift truck
- The work tank (compartment) is an integral part of the sump. This allows a bucket or other container to be conveniently positioned and liquids to be dispensed in a safe and controlled manner
- Enlarged sump dimensions allow additional containers to be stored next to the IBC/KTC tank
- The sump's dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants
- The strong, self-aligning platform is non-slip and easily removable for cleaning



121.120.107



121.120.104

	Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of IBCs (pcs)	Load platform capacity(kg)	Weight (kg)	
Yellow	121.120.106	1490*2000*750	1120	1	-	2000	91
	121.120.104	1490*2000*750	1120	1	Yes	2000	112
Black colour	121.120.107	1490*2000*750	1120	1	-	2000	91
	121.120.105	1490*2000*750	1120	1	Yes	2000	112



SUMP FOR 2 IBC/KTC

- Made of highly durable and chemical-resistant polyethylene
- Ideally suited for the storage of IBCs / KTCs with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- Meets the requirements of most European directives on sump pallets (trays)
- Used to permanently capture leaks from IBCs / KTCs stored indoors
- The design allows it to be transported using a forklift truck
- The sump's dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants
- Strong, self-aligning platform non-slip and easily removable for cleaning



121.120.200



121.120.201

	Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of IBCs (pcs)	Platform	Load capacity (kg)	Weight (kg)
Yellow	121.120.200	2450*1450*575	1130	2	Yes	4000	113
Black colour	121.120.201	2450*1450*575	1130	2	Yes	4000	113

Accessories



Made of polyethylene. When attached to a pallet (sump) for 2*IBC/KTC, it allows for convenient and compatible the regulatory operation of the containers. We can safely transfer liquids from the IBC/KTC to smaller containers without fear of causing an uncontrolled spill or leak.

Product code	Dimensions D*S*W (mm)	Capacity (l)	Weight (kg)
121.120.701	640*590*665	100	8



SUMP FOR 2 IBC/KTC

- Made of highly durable and chemical-resistant polyethylene
- Ideally suited for the storage of IBCs / KTCs with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments
- Meets the requirements of most European directives on sumps
- Used for permanent spill containment from IBCs / KTCs stored indoors
- The design allows it to be transported using a forklift truck
- The work tank (compartment) is an integral part of the sump. This allows for the convenient positioning of a bucket or other container and the dispensing of liquids in a safe manner and controlled
- Enlarged sump dimensions allow additional containers to be stored next to the IBC/KTC
- The sump dimensions and capacity meet the most stringent requirements for controlling spills in industrial plants
- Strong, self-aligning platform is non-slip and easily removable for cleaning



	Product code	Dimensions D*S*W (mm)	Capacity(l)	Number of IBCs (pcs)	Platform	Load capacity (kg)	Weight (kg)
Yellow	121.120.202	2260*1465*575	1200	2*IBC / KTC	Yes	3000	116
Black colour	121.120.203	2260*1465*575	1200	2*IBC / KTC	Yes	3000	116



SUMP TRAY, RACKING SYSTEM

- Made from highly durable and chemical-resistant polyethylene.
- It is ideally suited as a sump for storage racks.
- It catches any possible leakage of IBCs / KTCs with oils or chemicals, even the most aggressive ones.
- Withstands intensive use in industrial environments.
- Meets the requirements of European directives for sump pallets (trays).
- It is used as an indoor shelving system sump.
- The dimensions of the pallet (sump) and its capacity meet the most stringent requirements for controlling spills in industrial plants.
- The design allows it to be transported with a forklift.
- The yellow colour makes the pallet (sump) always visible and the working environment safer.



121.120.300



121.120.301

	Product code	Dimensions D*S*W (mm)	Capacity (l)
Yellow	121.120.300	2165*1300*575	1180
	121.120.301	2665*1300*500	1278



SUMP, FLEXIBLE, PVC PLUS VEHICLES, TANKS, HEAVY EQUIPMENT

- Made of highly durable, UV-resistant PVC-coated fabric
- The whole is a one-piece construction with quick and simple assembly, without the use of tools
- It is characterised by high strength and chemical resistance to highly aggressive liquids, including oil, oils, greases and most acids, among others
- Ideal for heavy vehicle traffic
- Patented brackets incorporating stainless steel stiffeners always keep the walls at a 90° angle to the ground, thus providing reliable protection against leakage
- The patented wall mounting system integrated in the sump ensures free entry and exit of vehicles
- Reinforced corner construction and continuous weld lines ensure the extremely high strength of the entire sump
- Top edge finishes prevent fraying and increase product strength
- Each bracket has a heavy-duty stainless steel clip to secure the tub to the ground in case of strong winds
- The foldable design of the portable sump allows it to be quickly folded for transport and storage

Product code	Dimensions D*S*W (mm)	Dimensions after folding D*S*W (mm)	Capacity (l)	Weight (kg)
104.700.000	2400*3000*305	610*610*305	2253	24
104.700.001	3000*4600*305	610*610*406	4241	37,6
104.700.002	3700*8500*305	813*813*406	9503	68
104.700.003	3700*15200*305	914*914*508	16981	131,5
104.700.004	3700*16500*305	914*914*610	18325	139,3
104.700.005	4300*17100*305	1016*1016*610	22187	141,1





SUMP, FLEXIBLE, PVC PLUS DRUMS, IBC CONTAINERS, TANKS

- Made of highly durable, UV-resistant PVC-coated fabric
- The whole is a one-piece construction with quick and simple assembly, without the use of tools
- It is characterised by high strength and chemical resistance to highly aggressive liquids, including but not limited to oil, oils, greases and most acids
- Designed for the storage of drums and IBCs
- Built-in stainless steel brackets hold the 305 mm high side walls in a fully vertical position, at 90° to the ground
- Reinforced wall edges 25 mm from the edge for high mechanical strength and resistance to fraying or tearing
- The side walls fold down quickly and easily, making it easy for vehicles to enter and exit.
- The patented design of the wall supports eliminates the risk of tripping and falling when moving along the sump walls
- Reinforced corner construction and continuous weld lines ensure the extremely high strength of the entire sump
- Each bracket has a heavy-duty stainless steel clip to secure the sump to the ground in case of strong winds



Product code	Dimensions D*S*W (mm)	Dimensions after folding D*S*W (mm)	Capacity(l)	Weight (kg)
104.701.100	1200*1800*305	610*610*127	663	12,7
104.701.101	1200*2400*305	610*610*152	890	15,4
104.701.102	1800*2400*305	610*610*305	1344	17,2
104.701.103	2400*2400*305	660*660*305	1798	20,4
104.701.104	3000*3000*305	711*711*305	2821	27,2
104.701.105	3700*3700*305	711*711*305	4070	33,6
104.701.106	3700*4900*305	660*660*406	5433	41,7
104.701.107	3700*6100*305	762*762*406	6796	49,9
104.701.108	4900*4900*305	914*914*406	7232	52,2
104.701.109	4900*6100*305	914*914*508	9049	61,2
104.701.110	6100*6100*305	965*965*559	11321	72,6



SUMP TRAY, FOLDING FLEXIBLE, SOLID PVC, SUPPORTS

- Made of highly durable, UV-resistant PVC-coated fabric
- The whole is a one-piece construction with quick and easy assembly, without the use of tools
- It is characterised by high strength and chemical resistance to highly aggressive liquids, including but not limited to oil, oils, greases and most acids
- Ideal for heavy vehicle traffic
- Patented brackets incorporating stainless steel stiffeners always keep the walls at a 90° angle to the ground, thus providing reliable protection against leakage
- The patented wall mounting system integrated in the sump ensures free entry and exit of vehicles
- Reinforced corner construction and continuous weld lines ensure the extremely high strength of the entire sump
- Top edge finishes prevent fraying and increase product strength
- Each bracket has a heavy-duty stainless steel clip to secure the sump to the ground in case of strong winds
- The foldable design of the portable sump allows it to be quickly folded for transport and storage



Product code	Dimensions D*S*W (mm)	Dimensions after folding D*S*W (mm)	Capacity (l)	Weight (kg)
104.703.100	1200*1200*203	203*279*127	299	4,5
104.703.101	1200*1800*203	203*279*152	451	5,4
104.703.102	1200*2400*203	203*330*178	602	6,8
104.703.103	2400*2400*203	279*356*203	1204	10,0
104.703.104	2438*3048*203	305*406*254	1507	11,3



SUMP, FLEXIBLE, PVC, DECONTAMINATION, SUPPORTS, 1132 L

- Waterproof, lightweight PVC-coated material is resistant to a wide range of chemicals
- The whole is a one-piece construction with quick and easy assembly, without the use of tools
- Internal wall supports form watertight decontamination compartments
- Quickly deployable sump for decontamination operations during rescue operations
- Divided into compartments, they effectively capture contaminated liquids and eliminate their contact with the environment
- Walls with a height of 203 mm allow easy entry and exit from the sump compartments
- Each compartment is fitted with one 3/4 inch GHT drain connection
- Optional floor grating available as a working platform to protect people from contact with dripping liquids
- The foldable design of the portable sump allows it to be quickly folded for transport and storage



Product code	Dimensions D*S*W (mm)	Dimensions after folding D*S*W (mm)	Capacity (l)	Number of compartments	Weight (kg)
104.704.100	1800*3000*203	610*610*102	1132	2	9,1
104.704.101	1800*4900*203	660*660*127	1810	3	15,4
104.704.102	1800*6100*203	711*711*102	2264	4	20,9



GROUND MATS

By being made from a robust material, they create a smooth, uniform working surface. Placed underneath the sump tray, they increase its resistance to damage from protruding stones and construction debris

Product code	Dimensions S*D (m)	Weight (kg)
104.712.102	1,8*1,8	7,3
104.712.202	1,8*3,0	34,5
104.712.302	1,8*4,9	40,4
104.712.402	1,8*8,5	51,3
104.712.502	1,8*17,1	78,5

TRACK MATS

By being made of thick material, it protects the bottom and walls of the catch basin from friction caused by slipping, twisting and braking of the wheels. Located inside the sump, it provides additional protection along the wheel path.

Product code	Dimensions S*D (m)	Weight (kg)
104.712.101	0,9*1,8	4,5
104.712.201	0,9*3,0	6,4
104.712.301	0,9*4,9	32,7
104.712.401	0,9*8,5	38,6
104.712.501	0,9*17,1	51,7

TRACK RUMMERS

The bright yellow vinyl-coated fabric rugs offer a moderate level of protection for the bottom of the bath against abrasion.

Product code	Dimensions S*D (m)	Weight (kg)
104.712.100	0,9*1,8	2,7
104.712.200	0,9*3,0	3,6
104.712.300	0,9*4,9	7,3
104.712.400	0,9*8,5	7,3
104.712.500	0,9*17,1	12,7



WORK STATION FOR DRUMS OR IBC/KTC

- Made of highly durable and chemical and weather resistant polyethylene
- Facilitates safe storage and operation of drums reducing the risk of liquid spillage
- Meets safety and environmental requirements and enables drum storage to be organised with maximum effectiveness, efficiency and economy
- Open on both sides - but only one side at a time
- The high space above the drums allows the installation of pumps or funnels
- The sump, which acts as a workstation floor, is fitted with a self-adjusting, non-slip and easily removable platform
- Wide entrance makes it easy to stack drums on pallets
- 4 external recesses in the side walls enable the container to be fixed to the ground
- Can be used successfully as an outdoor workstation and storage area
- The design allows transport by forklift.



121.220.506



121.220.508



121.220.502

Product code	Dimensions D*S*W (mm)	Capacity (l)	Number of barrels (pcs)	Load capacity (kg)	Weight (kg)
121.220.506	995*1565*2110	250	2*200l	650	101
121.220.508	1620*1565*2110	485	4*200l	1250	158
121.220.502	1620*1565*2110	250	4 barrels or 1IBC	1250	148



MULTI-LEVEL WORKSTATION

- Made from highly durable and chemical- and weather-resistant polyethylene, 40% recycled
- Facilitates the safe storage and operation of 1 IBC/KTC reducing the risk of liquid spills and contributes to environmental protection through the re-use of waste polyethylene
- Supplied fully assembled and ready for use
- Meets safety and environmental requirements and enables drum storage to be organised with maximum effectiveness, efficiency and economy
- Convenient louvre doors for front and rear access to the interior
- The sump tray acts as a workstation floor
- Wide entrance makes it easy to position the container on the sump
- The design allows the empty warehouse to be transported with a forklift truck and locked with a padlock to prevent unauthorised access
- It can be successfully used as a work and storage station both indoors and outdoors
- The design allows transport by forklift.



121.200.303



121.200.300

	Product code	Type	Dimensions D*S*W (mm)	Capacity (l)	Number of barrels (pcs)	Load capacity (kg)	Weight (kg)
Yellow	121.200.303	booster module	940*1375*390	-	2*200l	1000	25
	121.200.300	base module	1350*1375*635	500	2*200l	1000	46
back colour	121.200.302	booster module	940*1375*390	-	2*200l	1000	25
	121.200.301	base	1350*1375*635	500	2*200l	1000	46



WORKSTATION, MOBILE

- Provides a convenient solution for transporting and operating drums
- Nylon strap holds the barrel firmly in place
- The design of the stand allows for long-term use
- Allows 200 litre drums to be moved safely, reducing back strain and possible injury to a minimum
- Large, rounded handles allow gripping with thick work gloves
- Rear and front wheels allow very comfortable manoeuvring and movement
- In the event of a spill, the large capacity of the drip tank eliminates the possibility of an uncontrolled spill of hazardous liquid
- The open design makes it easy to clean.
- Allows insertion inside the container to retrieve fluid without removing the barrel
- Convenient locking safety bracket allows vertical loading and storage of the drum
- Foot wells underneath the trolley for easy handling



FUNCTIONALITY

The special design of the trolley enables easy transport and exploitation of drums. A convenient safety support with locking device enables vertical loading and storage of the drum. Foot openings underneath the trolley facilitate handling and easy manipulation of the trolley.

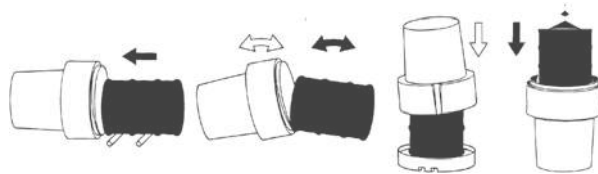


	Product code	Dimensions D*S*W (mm)	Capacity (l)	Load capacity (kg)	Weight (kg)
Yellow	121.210.401	1740*815*680	250	300	41
Black colour	121.210.400	1740*815*680	250	300	41



SAFETY CONTAINER FOR DRUMS

- Provides a safe and economical solution for the transport and temporary storage of solid hazardous materials up to 340 l or damaged, leaking drums, containers up to 360 l, with hazardous liquids
- Thanks to its durable and robust construction in UV-resistant polyethylene, it withstands the hardships of land, air and sea transport
- All-polyethylene construction provides superior chemical resistance and application versatility in transport, in chemical rescue, in clean-up operations and as part of sorbent kits for spill control
- The threaded lid makes it easy to close the container and does not require additional metal sealing strips



Product code	Dimensions W*W (mm)	Contents (l)	Plastic content with recycling	complianceWeight (kg) DOT,UN	Regulatory
153.500.500	787*1099	360	-		21



DRUM FUNNELS

- Facilitates cleanliness of the workplace and ensures compliance with environmental, health and safety regulations
- Prevents spillage of liquids when pouring flammable materials (solvents, thinners, oils and paint residues)
- It has a wide filler with a self-closing lid
- If the temperature rises (74°C), the connector melts and the lid closes automatically, cutting off fire access to the inside of the funnel and barrel
- Built-in flame trap (25 mm) protects the contents of the container from ignition
- Absorbs and dissipates heat, thus keeping any external sources of ignition (such as sparks from power tools, electrostatic discharge, cigarettes) away from the flammable contents of the container
- Manufactured from 1 mm thick galvanised steel sheet
- Epoxy powder coated for durability and chemical resistance



Product code	Capacity (l)	Height (mm)	Diameter (mm)	Cover	Purpose	Flame cut-off (mm)	Brass tube (mm)
104.101.261	1	114	114	Self-closing	For buckets	25	-
104.101.262	1	114	114	Closed by hand	For buckets	25	-
104.101.333	10	273	254	Self-closing	For flammable liquids.	152	-
104.101.265	10	273	254	Self-closing	For flammable liquids.	813	-
104.101.268	10	273	254	Self-closing	For flammable liquids.	-	838



FUNNEL FOR DRUMS MADE OF POLYETHYLENE ECO100%.

- Designed for non-flammable liquids
- Fits all 110 litre and 200 litre drums with a closed top
- Low-profile, wide inlets make it easy to pour liquid into the barrel without the risk of spillage
- The sloping interior of the funnel minimises the risk of liquid splashing and prevents contamination of the containers
- A large flat surface at the funnel outlet allows paint cans, filters, buckets or other receptacles to be left for draining
- The integrated hook is a convenient accessory for attaching the optional lid to the funnel



104.684.500



104.684.501



104.684.502

Product code	Capacity (l)	Height (mm)	Diameter (mm)	Purpose
104.684.500	9	83	533	Non-flammable liquids
104.684.501	9	83	533	Flammable liquids
104.684.502		83	482	Protects the inside of the funnel from contamination. After removing the lid, it can be hung on the hook integrated into the funnel.

STORAGE

chemical





STORAGE RACK

- Shelving with an internal width between the columns of S×2700 mm for the storage of media hazardous in KTC/ IBC 1000 l containers.
- Constructed of load-bearing, powder-coated steel frames in dark blue RAL 5005.
- Includes cross-beams (transoms).
- It has a polyethylene sump without a grille.
- The tub ensures the collection of any spills. It withstands intensive use in industrial environments.
- The use of the add-on module (optional) significantly increases the storage area.



Product code	Number of levels	Storage	Dimensions S*G*W (mm)	Bath dimensions S*G*W (mm)	Capture volume (l)	Max load on the storage level (kg)	Maximum permitted load of the rack (kg)	Module
165.100.102	2	4x1000 l	2880*1200*3000	2660*1300*500	1100	3000	6600	basic
165.100.103	3	6x1000 l	2880*1200*4200	2660*1300*500	1100	3000	9500	basic
165.100.202	2	4x1000 l	2790*1200*3000	2660*1300*500	1100	3000	6600	additional
165.100.203	3	6x1000 l	2790*1200*4200	2660*1300*500	1100	3000	9500	additional

SHELF RACK, TRAY SHELVES



- Designed for the storage of hazardous substances (both flammable and non-flammable) in small containers.
- Consists of 2 galvanised support frames with shelf brackets every 25 mm and shelves in the form of catch trays (30 l) of galvanised steel, so that any leakage is contained and collected at each storage level.
- The underside of the shelves (trays) can be lined with polypropylene sorbent (optional extra) for easy and effective removal of leaking liquids.
- Enables optimum use of storage space.
- Allows smaller containers to be stored in an upright position.
- By using the add-on module (optional), the storage area is significantly increased.



124.102.110

Certificates



Shelving rack (130 5W),
5*shelves (catch tray),
basic module 124.102.102 together
with additional module 124.102.101

Type	Product code	Product code	Product code	Product code
Basic module	124.102.110	124.102.100	124.102.112	124.102.102
Model	KG-GR 100 / 4W	KG-GR 100 / 5W	KG-GR 130 / 4W	KG-GR 130 / 5W
External dimensions S*G*W (mm)	1060*635*2000	1060*635*2000	1360*635*2000	1360*635*2000
Equipment, lowest level of storage	1* sump tray, galvanised	1* sump tray, galvanised	1* sump tray, galvanised	1* sump tray, galvanised
Equipment, storage levels	3*bath shelves, galvanised	4*bath shelves, galvanised	3*bath shelves, galvanised	4*bath shelves, galvanised
Additional module	124.102.111	124.102.101	124.102.113	124.102.103
External dimensions, add-on module S*G*W (mm)	1010*635*2000	1010*635*2000	1310*635*2000	1310*635*2000
Additional equipment	Product code	Product code	Product code	Product code
Additional storage levels with tray shelves	124.102.000	124.102.000	124.102.001	124.102.001

SHELF RACK, MESH SHELVES



- Designed for the storage of hazardous substances (both flammable and non-flammable) in small containers.
- Consists of galvanized support frames with shelf brackets every 25 mm, mesh shelves made of galvanized steel flat bars and 1 shelf bottom tray in galvanised sheet steel (30 l)
- In addition, the underside of the shelves (trays) can be lined with polypropylene sorbent (optional) for easy and effective removal of leaking liquids.
- Enables optimum use of storage space.
- Allows smaller containers to be stored in an upright position.
- By using the add-on module (optional), the storage area is significantly increased.



124.101.110

Certificates



Type	Product code	Product code	Product code	Product code
Basic module	124.101.110	124.101.100	124.101.112	124.101.102
Model	KG-GR 100 / 4G	KG-GR 100 / 5G	KG-GR 130 / 4G	KG-GR 130 / 5G
External dimensions S*G*W (mm)	1060*635*2000	1060*635*2000	1360*635*2000	1360*635*2000
Equipment, lowest level of storage	1* sump tray, galvanised	1* sump tray, galvanised	1* sump tray, galvanised	1* sump tray, galvanised
Equipment, storage levels	3*grid shelves, galvanised	4*grid shelves, galvanised	3*grid shelves, galvanised	4*grid shelves, galvanised
Sump volume (l)	1*30	1*30	1*35	1*35
Additional module	124.101.111	124.101.101	124.101.113	124.101.103
External dimensions S*G*W (mm)	1010*635*2000	1010*635*2000	1310*635*2000	1310*635*2000
Accessories	Product code	Product code	Product code	Product code
Additional storage levels with tray shelves	124.101.000	124.101.000	124.101.001	124.101.001

SHELVING RACK, TRAYS PE



- Designed for the storage of hazardous substances (acids, bases, toxic and poisonous substances) in small containers.
- Consists of galvanised support frames with shelf brackets every 25 mm and shelves in the form of catch trays made of galvanised steel sheet with a polyethylene (PE) insert, so that any leakage is limited and collected at each storage level.
- In addition, the underside of the shelves (trays) can be lined with polypropylene sorbent (optional) to easily and effectively remove leaking fluids.
- Enables optimum use of storage space. Allows smaller containers to be stored in an upright position.
- By using the add-on module (optional), the storage area is significantly increased.
- Rack supplied unassembled (lower delivery costs), to be assembled on site by the user.
- Dibt approval.



Shelving rack (130 5WPE), 5*shelf (PE catch tray), basic module
124.103.102 incl. add-on module 124.103.103

Certificates



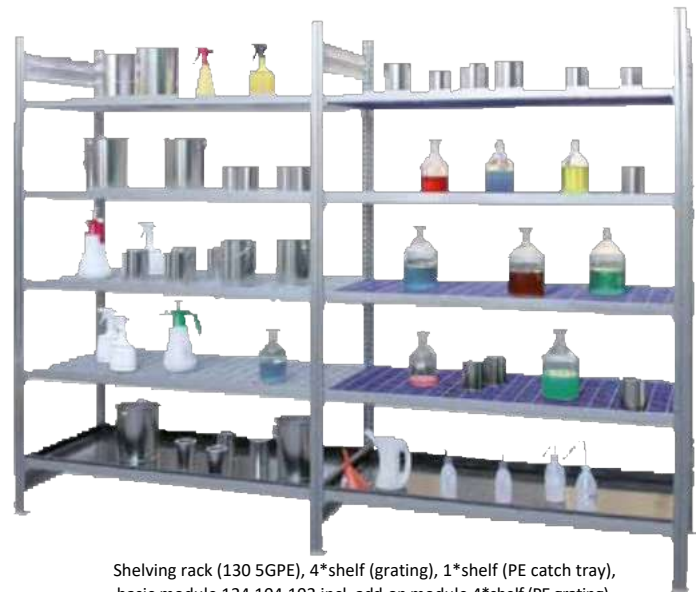
Optional shelf made of hot-dip galvanised steel in the form of a catch tray with a polyethylene (PE) insert, resistant to most chemicals, even the most aggressive ones.

Type	Product code	Product code	Product code	Product code
Basic module	124.103.110	124.103.100	124.103.112	124.103.102
Model	KG-GR 100 / 4WPE	KG-GR 100 / 5WPE	KG-GR 130 / 4WPE	KG-GR 130 / 5WPE
External dimensions S*G*W (mm)	1060*635*2000	1060*635*2000	1360*635*2000	1360*635*2000
Equipment, lowest level of storage	1* sump tray, PE	1* sump tray, PE	1* sump tray, PE	1* sump tray, PE
Equipment, storage levels	3*tub shelves, PE	4*tub shelves, PE	3*tub shelves, PE	4*tub shelves, PE
Sump volume (l)	4*30	5*30	4*35	5*35
External dimensions S*G*W (mm)	1010*635*2000	1010*635*2000	1310*635*2000	1310*635*2000
Additional module	124.103.111	124.103.101	124.103.113	124.103.103
Additional equipment	Product code	Product code	Product code	Product code
Additional storage levels with shelves bath tubs, PE	124.103.000	124.103.000	124.103.001	124.103.001

SHELF RACK, MESH SHELVES, CATCH TRAY PE



- Designed for the storage of hazardous substances (acids, bases, toxic and poisonous substances) in small containers.
- Consists of galvanized support frames with shelf brackets every 25 mm and mesh shelves made of galvanized steel flat bars and 1 shelf bottom tray (30 l) in galvanised sheet steel with a polyethylene (PE) insert, resistant to most chemicals, even the most aggressive ones.
- In addition, the underside of the shelves (trays) can be lined with polypropylene sorbent (optional) to easily and effectively remove leaking fluids.
- Enables optimum use of storage space. Allows smaller containers to be stored in an upright position.
- By using the add-on module (optional), the storage area is significantly increased.
- Rack supplied unassembled (lower delivery costs), to be assembled on site by the user.



Shelving rack (130 5GPE), 4*shelf (grating), 1*shelf (PE catch tray), basic module 124.104.102 incl. add-on module 4*shelf (PE grating), 1*shelf (PE catch tray) 124.104.203

Certificates



Shelf (PE truss) for shelf racking made of polyethylene resistant to most chemicals, even the most aggressive ones.

Type	Product code	Product code	Product code	Product code
Basic module	124.104.110	124.104.100	124.104.112	124.104.102
External dimensions S*G*W (mm)	1060*635*2000	1060*635*2000	1360*635*2000	1360*635*2000
Model	KG-GR 100 / 4GPE	KG-GR 100 / 5GPE	KG-GR 130 / 4GPE	KG-GR 130 / 5GPE
Equipment, lowest level of storage	1* sump tray, PE	1* sump tray, PE	1* sump tray, PE	1* sump tray, PE
Equipment, storage levels	3*grating platform, galvanised	4*grating platform, galvanised	3*grating platform, galvanised	4*grating platform, galvanised
Sump volume (l)	1*30	1*30	1*35	1*35
Additional module	124.104.111	124.104.101	124.104.113	124.104.103
External dimensions, add-on module S*G*W (mm)	1010*635*2000	1010*635*2000	1310*635*2000	1310*635*2000
Accessory equipment	Product code	Product code	Product code	Product code
Additional storage levels with platform gratings	124.101.000	124.101.000	124.101.001	124.101.001

Type	Product code	Product code	Product code	Product code
Basic module	124.104.211	124.104.201	124.104.213	124.104.203
Additional module	124.104.210	124.104.200	124.104.212	124.104.202
External dimensions S*G*W (mm)	1060*635*2000	1060*635*2000	1360*635*2000	1360*635*2000
Model	KG-GR 100 / 4PG	KG-GR 100 / 5PG	KG-GR 130 / 4PG	KG-GR 130 / 5PG
Equipment, lowest level of storage	1* sump tray, PE	1* sump tray, PE	1* sump tray, PE	1* sump tray, PE
Equipment, storage levels	3*deck gratings, PE	4*deck gratings, PE	3*deck gratings, PE	4*deck gratings, PE
Sump volume (l)	1*30	1*30	1*35	1*35
External dimensions, add-on module S*G*W (mm)	1010*635*2000	1010*635*2000	1310*635*2000	1310*635*2000
Accessory equipment	Product code	Product code	Product code	Product code
Additional storage levels with platform gratings, PE	124.104.010	124.104.010	124.104.011	124.104.011

SHELF RACK, MESH SHELVES



Acid storage possible with HDPE liner

- Designed for the storage of hazardous substances (both flammable and non-flammable) in small containers, wherever the possibility of leakage must be kept to a minimum.
- Consists of galvanized support frames with shelf brackets every 25 mm, mesh shelves made of galvanized steel flat bars.
- Shelving set up inside the sump (210 l) with a larger surface area than the shelf, with a grid shelf to facilitate the safe pouring of liquids.
- Allows smaller containers to be stored in an upright position.



124.106.102

Certificates



124.106.110



124.106.101



124.106.113

Type	Product code	Product code	Product code	Product code
Lacquered bathtub	124.106.110	124.106.100	124.106.112	124.106.102
Galvanized bathtub	124.106.111	124.106.101	124.106.113	124.106.103
Model	GR1-4GE	GR1-5GE	GR2-4GE	GR2-5GE
Dimensions S*G*W (mm)	1060*635*2100	1060*635*2100	2085*635*2100	2085*635*2100
Bath dimensions S*G*W (mm)	1250*820*340	1250*820*340	2420*820*240	2420*820*240
Equipment	4*grid shelf	5*grid shelf	2*4 grid shelf	2*5 grid shelf
Capture volume (l)	210	210	210	210

SHELF RACK, MESH SHELVES



Acid storage possible with HDPE liner

- Designed for the storage of hazardous substances (both flammable and non-flammable) in small containers, wherever the possibility of leakage must be kept to a minimum.
- Consists of galvanised support frames with shelf brackets every 25 mm, lattice shelves made of galvanised steel flat bars.
- Rack set up inside a sump (210 l) with an area larger than the rack, with a grid shelf to facilitate the safe pouring of liquids.
- Allows smaller containers to be stored in an upright position.



At the customer's request, we made a customised rack with 5 levels of container storage and additional storage space for drums.

Certificates



124.106.104

Type	Product code	Product code
Lacquered bathtub	124.106.114	124.106.104
Galvanized bathtub	124.106.115	124.106.105
Model	GR3-4GE	GR3-5GE
Dimensions S*G*W (mm)	3095*635*2100	3095*635*2100
Bath dimensions S*G*W (mm)	3200*820*215	3200*820*215
Equipment	3*4 grid shelf	3*5 grid shelf
Capture volume (l)	210	210

RACKING SYSTEM, 60 LITRE DRUM STORED HORIZONTALLY



Acid storage possible with HDPE liner

- Multi-functional storage racking system and daily use of hazardous substances (both flammable and non-flammable) in 60 litre drums in a horizontal position.
- Galvanised for high corrosion protection.
- It has height-adjustable shelves and racking bases (supports) to ensure that the barrels are held stably.
- Sump tray (60 litres) made of 3 mm thick galvanised steel sheet to ensure collection of leaks.
- Attached to the support frames above the ground (clearance of 40 mm), it allows easy cleaning around the shelving unit.
- Thanks to the options for additional shelves, the rack can be customised, e.g. enabling safe overflow from drums into beaker containers, as well as the storage of containers of different sizes and shapes.
- By using the add-on module (optional), the storage area is significantly increased.



124.110.100
with optional canister base

Certificates



Type	Product code	Product code	Product code	Product code
Basic module	124.110.100	124.110.102	124.110.104	124.110.106
Additional module	124.110.101	124.110.103	124.110.105	124.110.107
Model	AR 1150 / 660	AR 1150 / 360 GR	AR 2000 / 960	AR 2000 / 660 GR
Dimensions S*G*W (mm)	1360*635*1150	1360*635*1150	1360*635*2000	1360*635*2000
Bath dimensions S*G*W (mm)	1240*840*150	1250*840*150	1240*840*150	1242*840*150
Capture volume (l)	60	60	60	60
Capacity	6*barrels 60 l	3*baskets 60 l and 1 level for small containers	9*barrels 60 l	6*baskets 60 l and 1 level for small containers
Accessory equipment				Product code
Additional storage space with stable drum supports for 3*bask 60 l				124.110.000
Additional platform grilles				124.110.001
Canister bases				124.110.002
Grating shelves for sump trays				124.110.003

PALLET RACK



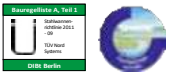
Acid storage possible with HDPE liner

- Rack for storing hazardous agents in 200 l drums on storage pallets.
- Made of hot-dip galvanised support frames for high corrosion protection.
- Includes crossbars (transoms) for positioning drums, powder-coated in orange (RAL 2001).
- It has an approved sump tray made of highly durable, 3 mm steel sheet, tightly sealed welded and then hot-dip galvanised, without grating.
- The tub ensures the collection of any spills.
- Withstands intensive use in industrial environments.
- By using the add-on module (optional), the storage area is significantly increased.



124.120.122

Certificates



Pallet rack S*2700 mm, 2 levels storage, 12*200 l drum/pallet, tub 360 l b/w galvanised, basic module 124.120.122 incl. add-on module 124.120.123



124.120.142

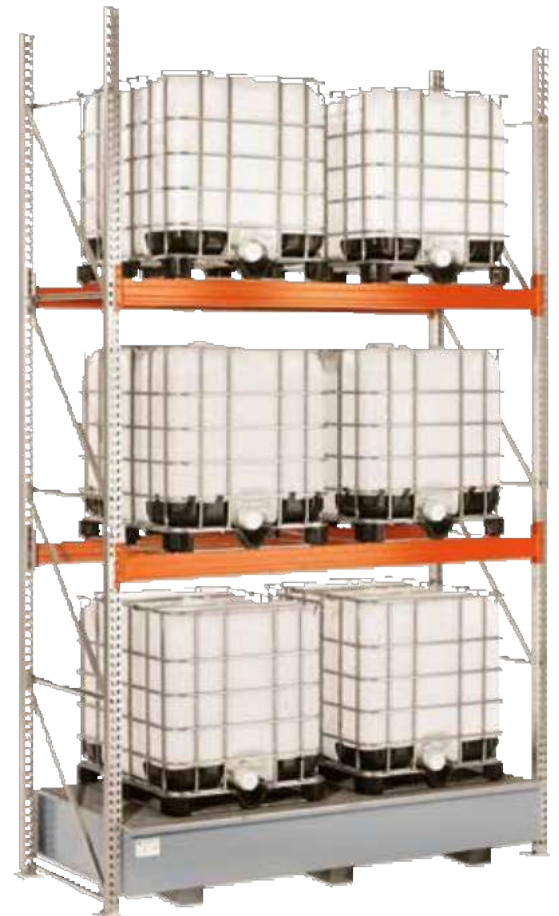
Type	Product code	Product code	Product code	Product code	Product code	Product code
Basic module, galvanised tub	124.120.102	124.120.112	124.120.122	124.120.132	124.120.142	124.120.152
Additional module, galvanised tub	124.120.103	124.120.113	124.120.123	124.120.133	124.120.143	124.120.153
Model	G-PR 2.18/360	G-PR 2.22/360	G-PR 2.27/360	G-PR 3.18/360	G-PR 3.22/360	G-PR 3.27/360
Shelf dimensions S*G*W (mm)	1955*1100*2700	2395*1100*2700	2870*1100*2700	1995*1100*3800	2395*1100*3800	2870*1100*3800
Width (mm)	1800	2200	2700	1800	2200	2700
Storage level	2	2	2	3	3	3
Quantity of 200 litre drums on Euro pallets	8	8	12	12	12	18
Quantity of 200 l barrel on chemical pallets	8	8	16	12	12	24
Shelf load capacity (kg)	2160	2250	2490	2160	2250	3510
Max. Shelf load capacity (kg)	6630	6360	7770	7330	7130	7520
Sump dimensions S*G*W (mm)	1780*1300*322	2180*1300*292	2680*1300*285	1780*1300*322	2180*1300*292	2680*1300*357
Capture volume (l)	360	360	360	360	360	660
Equipment	Product code	Product code	Product code	Product code	Product code	Product code
Anti-slip protection	124.120.000	124.120.010	124.120.012	124.120.000	124.120.010	124.120.020
Grid shelf load capacity 1000 kg/m ²	124.120.001	124.120.011	124.120.021	124.120.001	124.120.011	124.120.012
Shelving structure cover, corner	124.120.002	124.120.002	124.120.002	124.120.002	124.120.002	124.120.002

PALLET RACK



Acid storage possible with HDPE liner

- Two-storey rack for storing hazardous agents in KTC/IBC 1000 l containers.
- Made of hot-dip galvanised support frames for high corrosion protection.
- Includes crossbars (transoms) for positioning drums, powder-coated in orange (RAL 2001).
- It has an approved sump, made of highly durable, 3 mm steel sheet, tightly welded.
- The tub ensures the collection of any spills. It withstands intensive use in industrial environments.
- By using the add-on module (optional), the storage area is significantly increased.



124.121.130

Certificates



Type	Product code	Product code	Product code	Product code	Product code
Basic module, bathtub Galvanised	124.121.142	124.121.104	124.121.112	124.121.122	124.121.132
Additional module, bathtub Galvanised	124.121.143	124.121.105	124.121.113	124.121.123	124.121.133
Model	G-KR 2.14/1000	G-KR 2.22/1000	G-KR 2.22/1000	G-KR 3.22/1000	G-KR 3.27/1000
Shelf dimensions S*G*W (mm)	1570*1100*3300	2395*1100*3300	2870*1100*3300	2395*1100*4900	2870*1100*4900
Width (mm)	1400	2200	2700	2200	2700
Storage level	2	2	2	3	3
Capacity KTC / IBC	2	4	4	6	6
Shelf load capacity (kg)	1400	2800	3510	2760	3490
Max. Shelf load capacity (kg)	4460	6690	7520	6950	7020
Sump dimensions S*G*W (mm)	1300*1360* 790	2180*1300* 542	2680*1300*462	2180*1300* 565	2680*1300*480
Capture volume (l)	1000	1000	1000	1000	1000
Equipment	Product code	Product code	Product code	Product code	Product code
Shelving structure cover, corner	124.120.002	124.120.002	124.120.002	124.120.002	124.120.002

STORAGE BOX

- Versatile use thanks to numerous equipment variants.
- Designed for the passive storage of hazardous substances that pose a risk to water (BL).
- Entirely made (walls, cover, tub) from 3 mm thick sheet steel. Then painted in a RAL colour.
- Storage floor in the form of a sump tray with removable truss.
- It has a cushioned, pneumatically closed lid.
- With the appropriate options for accessories (shelves, racks), the warehouse can be adapted to suit your needs, for storing containers of different sizes and drums (200/60 l) in either a vertical or horizontal position.
- The design of the box makes it possible, at any time, to transport the warehouse to a new location using a pallet truck or forklift.



124.200.110

Certificates



Type	Product code	Product code	Product code	Product code	Product code	Product code
Painted version	124.200.110	124.200.112	124.200.114	124.200.116	124.200.118	124.200.120
Galvanised version	124.200.111	124.200.113	124.200.115	124.200.117	124.200.119	124.200.121
Model	GSKS		GSKS / hrata		GSKS / NB	
Quantity 200 l barrels	2	4	2	4	2	4
Dimensions W*G (mm)	1410*810	1410*1290	1410*810	1410*1290	1410*810	1410*1290
Overall height (mm)	1395	1315	1395	1315	1395	1315
Shelf height (mm)	1025	1025	1025	1025	1025	1025
Capture volume (l)	220	220	220	220	220	220

ADDITIONAL EQUIPMENT:

Additional storage level with racking support for 2-keg boxes

Dimensions W*G (mm)	1260*500 (full width)	650*500 (half width)
Shelf height (mm)	bottom 485 / top 465	bottom 485 / top 465
Storage possibility	Product code	Product code
Small containers	124.200.900	124.200.901
1*60 litre barrel horizontally and small containers	124.200.902	124.200.903
2*60 litre barrel horizontally and small containers	124.200.904	
3*60 litre barrel horizontally	124.200.905	

Two additional storage levels with racking support for 2 keg boxes

Dimensions W*G (mm)	2*1260*500 (full width)	2*650*500 (half width)
Shelf height (upper level) for 60-litre drums (mm)	1*465	1*465
Shelf height (lower level) for small containers (mm)	2*205	2*205
Possibility of recharging	Product code	Product code
Small containers	124.200.906	124.200.907
1*60 litre barrel horizontally and small containers	124.200.908	124.200.909
2*60 litre barrel horizontally and small containers	124.200.910	
3*60 litre barrel horizontally	124.200.911	

SLH CHEMICAL WAREHOUSE



Acid storage possible with HDPE liner

- Designed for the passive storage of hazardous substances that pose a risk to water.
- Ventilation openings in the doors and side walls ensure that the inside of the warehouse is ventilated.
- Made of galvanised, specially profiled sheet steel.
- It has reinforced roof and floor frame profiles.
- Warehouse floor in the form of a sump, made of 3 mm thick galvanised steel sheet, with removable trusses.
- The storage facility is fitted with splash walls to ensure that spills and splashes are discharged into the sump.
- 1-level construction, includes single-leaf door, with cylinder lock.
- It allows you to see inside the warehouse and carry out authorised work.
- We can move the warehouse to a new location at any time using a forklift or crane.
- Dibt approval, Ü mark.



124.270.014

Certificates



124.270.500
with optional sump insulation.

Type	Product code	Product code	Product code
Galvanised version	124.270.000	124.270.014	124.270.500
Painted version	124.270.001	124.270.015	124.270.501
Model	SLH 1*1	SLH 1.5*1.5	SLH 1.5*1.5 KTC
External dimensions S*G*W (mm)	1700*1300*2015	1700*1700*2015	1700*1700*2250
Internal dimensions S*G*W (mm)	1570*1170*1650	1570*1570*1650	1570*1570*1650
Capture volume (l)	220	220	1000
Capacity	2*200 litre barrel	4*200 litre barrel	1*KTC
Weight (kg)	310	390	430

CHEMICAL WAREHOUSE SLH NB NATURAL VENTILATION



Acid storage possible with HDPE liner

- Designed for the passive storage of flammable substances.
- The in-house ventilation system guarantees effective ventilation of the warehouse interior (0.4 times air exchange).
- Ventilation openings are located directly above the sump and at the top as ventilation slots, as well as in the doors and side walls of the warehouse.
- Made of galvanised, specially profiled sheet steel.
- It has reinforced roof and floor frame profiles.
- Warehouse floor in the form of a sump, made of 3 mm thick galvanised steel sheet, with removable trusses.
- The storage facility is fitted with splash walls to ensure that spills and splashes are discharged into the sump.
- 1-level construction, includes single-leaf door, with cylinder lock.
- It allows you to see inside the warehouse and carry out authorised work.
- We can move the warehouse to a new location at any time using a forklift or crane.
- Dibt approval, Ü mark.

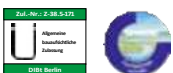


124.270.114



124.270.114

Certificates



Type	Product code	Product code	Product code
Galvanised version	124.270.100	124.270.114	124.270.600
Painted version	124.270.101	124.270.115	124.270.601
Model	SLH NB 1*1	SLH NB 1.5*1.5	SLH NB 1.5*1.5 KTC
External dimensions S*G*W (mm)	1700*1300*2160	1700*1700*2160	1700*1700*2405
Internal dimensions S*G*W (mm)	1570*1170*1790	1570*1570*1790	1570*1570*1790
Capture volume (l)	220	220	1000
Capacity	2*200 litre barrel	4*200 litre barrel	1*KTC
Weight (kg)	330	420	460

SLH CHEMICAL WAREHOUSE



Acid storage possible with HDPE liner

- Designed for the passive storage of hazardous substances that pose a risk to water.
- Ventilation openings in the doors and side walls ensure that the inside of the warehouse is ventilated.
- Active storage possible with optional Ex fan for more efficient removal of hazardous vapours (5-fold air exchange).
- Made of galvanised, specially profiled sheet steel.
- It has reinforced roof and floor frame profiles.
- Warehouse floor in the form of a sump, made of 3 mm thick galvanised steel sheet, with removable trusses.
- Warehouse equipped with splash walls to ensure that spills and splashes are discharged into the sump.
- 1-level construction, includes door with cylinder lock.
- Allows entry/exit of authorised persons and carrying out the permitted work inside the container.
- Dibt approval, Ü mark.



124.270.003
with optional storage racking



124.270.004

Certificates



Type	Product code	Product code	Product code	Product code
Galvanised version	124.270.502	124.270.504	124.270.602	124.270.604
Painted version	124.270.503	124.270.505	124.270.603	124.270.605
Model	SLH 2*2/KTC	SLH 3*2/KTC	SLH NB 2*2/KTC	SLH NB 3*2/KTC
External dimensions S*G*W (mm)	2075*2075*2480	3075*2075*2385	2075*2075*2665	3075*2075*2565
Internal dimensions S*G*W (mm)	1980*1980*1970	2980*1980*1970	1980*1980*2150	2980*1980*2150
Door width (mm)	1950	2650	1950	2650
Capture volume (l)	1000	1000	1000	1000
Capacity	1 KTC/IBC	2 KTC/IBC	1 KTC/IBC	2 KTC/IBC

Type	Product code	Product code	Product code	Product code	Product code
Galvanised version	124.270.002	124.270.020	124.270.004	124.270.022	124.270.006
Painted version	124.270.003	124.270.021	124.270.005	124.270.023	124.270.007
Model	SLH 1*2	SLH 2*2	SLH 3*2	SLH 4*2	SLH 5*2
External dimensions S*G*W (mm)	2075*1075*2385	2075*2075*2385	3075*2075*2385	4075*2075*2385	5075*2075*2385
Internal dimensions S*G*W (mm)	1980*980*1970	1980*1980*1970	2980*1980*1970	3980*1980*1970	4980*1980*1970
Capture volume (l)	300	660	1000	1000	1300

SLH CHEMICAL WAREHOUSE



Acid storage possible with HDPE liner

- Designed for the passive storage of water-hazardous substances. Ventilation openings in the doors and side walls ensure that the inside of the warehouse is ventilated.
- Active storage possible with optional Ex fan for more efficient removal of hazardous vapours (5-fold air exchange).
- Made of galvanised, specially profiled sheet steel. Features reinforced roof and floor frame profiles.
- Warehouse floor in the form of a sump, made of 3 mm thick galvanised steel sheet, with removable trusses.
- The storage facility is fitted with splash walls to ensure that spills and splashes are discharged into the sump.
- 1-storey construction, includes double doors, with cylinder lock.
- Allows entry/exit of authorised persons and carrying out the permitted work inside the container.
- Dibt approval, Ü mark.



124.270.005



124.270.005

Certificates



124.270.013

Special version, double door on narrow side

Type	Product code	Product code	Product code	Product code	Product code
Galvanised version	124.270.010	124.270.008	124.270.012	124.270.016	124.270.018
Painted version	124.270.011	124.270.009	124.270.013	124.270.017	124.270.019
Model	SLH 6*2	SLH 4*3	SLH 6*3	SLH 5*4	SLH 5*6
External dimensions S*G*W (mm)	6075*2075*2385	4075*2875*2400	6075*2875*2385	5075*4330*2605	5075*6560*2605
Internal dimensions S*G*W (mm)	5980*1980*1970	3980*2780*1970	5980*2780*1970	4980*4210*1900	4980*6440*1900
Capture volume (l)	1500	2*1000	2*1400	2*1300	3*1300

CHEMICAL WAREHOUSE SLT INSULATED



Acid storage possible with HDPE liner

- Designed for the passive storage of hazardous agents of all hazard classes sensitive to temperature and humidity.
- Active storage of flammable and combustible substances is possible with an Ex-rated fan for effective evacuation of hazardous vapours (5-fold air exchange) in accordance with current legislation.
- Made of galvanised, specially profiled sheet steel. Features reinforced roof and floor frame profiles.
- All walls, doors and roof covered with internal insulation in the form of 60 mm thick non-combustible insulation material.
- Warehouse floor in the form of a sump (optionally thermally insulated), made of 3 mm thick galvanised steel sheet, with removable trusses.
- 1-storey construction, includes double doors, with cylinder lock.
- Allows entry/exit of authorised persons and carrying out the permitted work inside the container.
- Dibt approval, Ü mark.



124.350.010 with optional accessories

Certificates



124.350.040

Type	Product code	Product code	Product code	Product code	Product code
Galvanised version	124.350.002	124.350.022	124.350.004	124.350.024	124.350.006
Painted version	124.350.003	124.350.021	124.350.005	124.350.023	124.350.007
Model	SLT 1*2	SLT 2*2	SLT 3*2	SLT 4*2	SLT 5*2
External dimensions S*G*W (mm)	2075*1075*2385	2075*2075*2385	3075*2075*2385	4075*2075*2385	5075*2075*2385
Internal dimensions S*G*W (mm)	1840*910*1900	1840*1840*1900	2840*1840*1900	3840*1840*1900	4840*1840*1900
Capture volume (l)	300	660	1000	1000	1300

CHEMICAL WAREHOUSE SLT INSULATED



Acid storage possible with HDPE liner

- Designed for the passive storage of hazardous agents of all hazard classes sensitive to temperature and humidity.
- Active storage of flammable substances and flammable vapours are possible with the use of an Ex fan for the effective evacuation of hazardous vapours (5-fold air exchange) in accordance with current regulations.
- Made of galvanised, specially profiled sheet steel. Features reinforced roof and floor frame profiles.
- All walls, doors and roof covered with internal insulation in the form of 60 mm thick non-combustible insulation material.
- Warehouse floor in the form of a sump (optionally thermally insulated), made of 3 mm thick galvanised steel sheet, with removable trusses.
- 1-storey construction, includes double doors, with cylinder lock.
- Allows authorised persons to enter/exit and carry out authorised work inside the container.
- Dibt approval, Ü mark.



124.350.020



Customisable storage.

Certificates



Galvanised version	124.500.001	124.350.008	124.350.012	124.350.016	124.350.018
Painted version	124.350.011	124.250.009	124.350.013	124.350.017	124.350.019
Model	SLT 6*2	SLT 4*3	SLT 6*3	SLT 5*4	SLT 5*6
External dimensions S*G*W (mm)	6075*2075*2385	4075*2875*2400	6075*2875*2385	5075*4330*2605	5075*6560*2605
Internal dimensions S*G*W (mm)	5840*1840*1900	3840*2640*1900	5840*2640*1900	4840*4070*1900	4840*6300*1900
Capture volume (l)	1500	2*1000	2*1400	2*1300	3*1300
Type of delivery	assembled	assembled	assembled	2 parts pre-assembled, final assembly by customer	3 parts pre-assembled, final assembly by customer

ACCESSORIES FOR CHEMICAL WAREHOUSES

INTERNAL EQUIPMENT FOR SLH / SLH- NB / SLT SAFETY DEPOSITORY

In the case of explosion protection requirements, a distinction must be made between the storage of water-polluting liquids and flammable liquids.

Electronic equipment (pre-assembled)

1. For the storage of water-polluting liquids

When storing water-polluting liquids, i.e. oils, greases, fats, etc., it is not necessary to take explosion protection requirements for electronic equipment into account.



124.590.133



Lighting	Product code
Lamp in a waterproof frame	124.590.176

Product code	124.590.132
Heater	3 kW / 230 V
Lamp in a waterproof frame	6*2 / 6*3 5*4

2. For discharging flammable liquids

When storing flammable liquids, such as varnishes, paints, solvents, etc., a distinction must be made between passive and active storage

2.1 With passive storage, there is no emptying or overflowing of substances in the storage area. In order to achieve the required air exchange, natural or engineered ventilation is necessary (0.4 to 2 times air exchange).



124.590.171

For passive charging of flammable media	Product code
Lamp, explosion zone II, 230 V, 2*58 W	124.590.140
Technical exhaust air ventilation, explosion-proof (wall fan) 230 V / 50 Hz	124.590.103

2.2 During active storage, substances are emptied or overfilled in the storage area.

To achieve the required air exchange, only technical ventilation (> 5 times air exchange) and a technical exhaust controller are required.



124.590.182

For the positive discharge of flammable media	Product code		
Lamp explosion zone I, 230 V, 2*58 W	124.590.104		
Technically forced exhaust air ventilation, explosion-proof (pipe fan)	124.590.171		
Product code	124.590.131	124.590.102	
Explosion-proof heating, T3, with baffle plate	2 kW / 230 V	3 kW / 230 V	2*2 kW / 230 V
Storage at a temperature above zero for SLT, passive storage	1*2 / 2*2 / 3*2 4*2 / 5*2 / 4*3	6*2 / 6*3 5*4	5*6
Above-zero storage for SLT, passive storage	1*2 / 2*2 3*2 / 4*2	5*2 / 6*2 4*3	6*3



124.590.116

Plastic dashboard

- IP 65 indicated outside the warehouse
- complete wiring of electrical equipment included
- for the connection of all fuses and control elements

Shrzymha rips	Product code
All electrical equipment is wired to the distribution box	124.590.116

ACCESSORIES FOR CHEMICAL WAREHOUSES

The storage of hazardous materials in chemical warehouses is facilitated by an extensive range of accessories. Our aim is not only to meet current and future regulations and legal requirements, but also to provide you with easy and ergonomic work. For example, when storing hazardous materials in small packages, it is very important to arrange the packages neatly and clearly. Storage racks are an invaluable aid in such cases. The platform grid racking set consists of pre-mounted shelf supports on the SLH walls. The supports and three levels of mesh shelves (500 mm deep) can be hung at any desired height.



Shelving kits	Product code
Set of mesh shelves with 3 storage levels, pre-mounted on container wall - dimensions S*G*W (mm): 800*5001	124.590.191
Additional levels: 800*500*, incl. 3 supports	124.590.192
Shelving set with mesh shelves with 3 storage levels, pre-mounted on container wall - dimensions S*G*W (mm): 1800*5001	124.590.193

¹ Load capacity 100 kg / level ² Load capacity 150 kg / level

Accessory to increase load capacity / levels	Product code
Shelf supports, vertical, pre-assembled	124.590.197
Shelving arm horizontal, 500 mm*	124.590.198

* load capacity of each rack arm 50 kg

It is not necessary to use a forklift to place containers, drums, pallets or IBCs safely and ergonomically in the warehouse. Thanks to Ramps make the insertion of packages using drum trolleys or pallet trucks "child's play". Ramps depending on their use

Ramps	Product code
For drum trolleys Dimensions D*S*W (mm) 1200*1000*320, Material: hot-dip galvanised corrugated sheet steel	124.590.142
For pallet trucks Dimensions D*S*W (mm) 2900*1000*320, Material: hot-dip galvanised corrugated sheet steel	124.590.200



Adequate lighting must be ensured in hazardous material storage facilities. It is not always necessary to use electric lighting. Thanks to the optional rooflight, daylight or other sources of light from outside the warehouse are sufficient in bright seasons.

Rooflight	Product code
for the natural lighting of security warehouses	upon request



DRUM STORAGE

STORAGE OF DRUMS, DIRECTLY ON THE GRATE

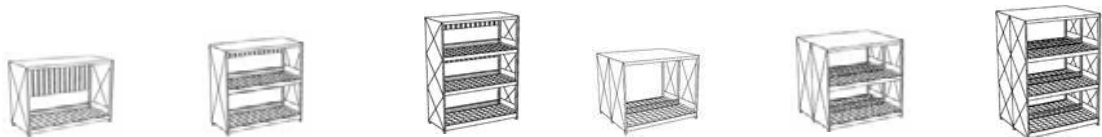


Acid storage possible with HDPE liner

- Designed for the passive storage of hazardous agents of all hazard classes.
- The in-house ventilation system guarantees effective ventilation of the warehouse interior (0.4 times air exchange).
- Ventilation openings are located directly above the sump and in the upper part as ventilation slots.
- Active storage possible with optional Ex fan for more efficient removal of hazardous vapours (5-fold air exchange).
- Made of galvanised trapezoidal sheets, painted (additional service) in RAL colour.
- Includes double doors, with cylinder lock.
- It has a sump tray with a removable grille, made of 5 mm steel sheet, welded to tightness class WZ2.2, inspected in accordance with EN ISO571-1.
- The storage facility is fitted with a three-sided splashback wall to ensure that spills and splashes are discharged into the sump.
- The entire structure is coated with a high-grade corrosion protection, waterproof coating in accordance with EN ISO12944-C3.
- Dibt approval, Ü mark.



Certificates



Product code	124.210.130	124.210.230	124.210.330	124.211.130	124.211.230	124.211.330
Model	WSC-F-E.1-30	WSC-F-E.2-30	WSC-F-E.3-30	WSC-F-D.1-30	WSC-F-D.2-30	WSC-F-D.3-30
Number of storage levels	1	2	3	1	2	3
Capacity capture	450 l	450 l	650 l	2*450 l	2*450 l	2*650 l
Number of 200-litre drums on grate	10	20	30	20	40	60
Quantity of 200 litre drums per chemical pallet	8	16	24	16	32	48
Quantity of 200 litre drums on Euro pallet	6	12	18	12	24	36
External dimensions S*G*W (mm)	3130*1450*2175	3130*1450*3080	3130*1450*4480	3130*2770*2200	3130*2770*3105	3130*2770*4505
Internal dimensions of the compartment S*G*W (mm)	3010*1300*1795	3010*1300*1250	3010*1300*1250	3010*1300*1795	3010*1300*1250	3010*1300*1250

DRUM STORAGE

All chemical storage units with an external height of more than 3660 mm are supplied in split (pre-assembled) form. Delivery is made by supplying the individual components.

Thanks to simple self-assembly in accordance with the assembly instructions provided, the hazardous substance store can be used in a short space of time. Resources required for assembly i.e. bottom anchors, screws, nuts, etc. are all included in the scope of delivery. As an option, we can offer you assembly by our assembly team. This applies to all warehouses.



Acid storage possible with HDPE liner



124.210.230

Certificates



124.221.260



Product code	124.220.160	124.220.260	124.222.100	124.220.360	124.221.160	124.221.260	124.221.360
Model	WSC-F-E.1-60	WSC-F-E.2-60	WSC-F-E.2-100	WSC-F-E.3-60	WSC-F-D.1-60	WSC-F-D.2-60	WSC-F-D.3-60
Number of storage levels	1	2	2	3	1	2	3
Capacity capture	2*450 l	2*450 l	3*450 l	2*650	4*450 l	4*450 l	4*650 l
Number of 200-litre drums on grate	20	40	60	60	40	80	120
Quantity of 200 litre drums per pallet chemical	16	32	48	48	32	64	96
Quantity of 200 litre drums on Euro pallet	12	24	36	36	24	48	72
External dimensions S*G*W (mm)	6200*1530*2175	6200*1530*3080	9270*1540*3080	6240*1530*4480	6200*2930*2200	6200*2930*3105	6240*2930*4505
Internal dimensions of the compartment S*G*W	3010*1300*1730	3010*1300*1250	3010*1300*1250	3010*1300*1250	3010*1300*1730	3010*1300*1250	3010*1300*1250

DRUM STORAGE ON PALLETS



Acid storage possible with HDPE liner

- Designed for the passive storage of hazardous agents of all hazard classes on industrial pallets or Europallets.
- The in-house ventilation system guarantees effective ventilation of the warehouse interior (0.4 times air exchange).
- Ventilation openings are located directly above the sump and in the upper part as ventilation slots.
- **Ashtive discharge possible with optional Ex-exhaust fan for greater removal of hazardous vapours (5-fold air exchange).**
- Made of galvanised trapezoidal sheets, painted (additional service) in RAL colour.
- Includes double doors, with cylinder lock.
- It has a sump tray with a removable grille, made of 5 mm steel sheet, welded to tightness class WZ2.2, inspected in accordance with EN ISO571-1.
- The storage facility is fitted with a three-sided splashback wall to ensure that spills and splashes are discharged into the sump.
- The entire structure is coated with a high-grade corrosion protection, waterproof coating in accordance with EN ISO12944-C3.
- Dibt approval, Ü mark.



124.230.380



124.230.240

Certificates



Swing door	124.230.240	124.230.340			
Sliding gate			124.230.280	124.232.120	124.230.380
Model	WSC-F-E.2-40	WSC-F-E.3-40	WSC-F-E.2-80	WSC-F-E.2-120	WSC-F-E.3-80
Number of storage levels	2	3	2	2	3
Capture volume	550 l	800 l	2*550 l	3*550 l	2*800 l
Volume in 200 litre drums on a chemical pallet	24	36	48	72	72
Barrel capacity 200 l on a Euro pallet	16	24	32	48	48
External dimensions S*G*W (mm)	4100*1450*3080	4100*1450*4480	8100*1530*3080	12100*1540*3080	8100*1530*4480
Internal dimensions S*G*W compartment (mm)	3900*1300*1250	3900*1300*1250	3900*1300*1250	3900*1300*1250	3900*1300*1250

DRUM STORAGE, HORIZONTAL



Acid storage possible with HDPE liner

- Designed for the storage of 60 l and 200 l drums with hazardous agents, of all hazard classes, in a recumbent position with the possibility of direct operation.
- On the lowest storage level, there is a lattice shelf made of galvanised flat bars so that the substance can be transferred safely and conveniently from the barrel to the bulb or other containers.
- The in-house ventilation system guarantees effective ventilation of the warehouse interior (0.4 times air exchange).
- Ventilation openings are located directly above the sump and in the upper part as ventilation slots.
- Active storage possible with optional Ex fan for more efficient removal of hazardous vapours (5-fold air exchange).
- Made of galvanised trapezoidal sheets, painted (additional service) in RAL colour.
- Includes double doors, with cylinder lock.
- It has a sump tray with a removable grille, made of 5 mm steel sheet, welded to tightness class WZ2.2, inspected in accordance with EN ISO571-1.
- The storage facility is fitted with a three-sided splashback wall to ensure that spills and splashes are discharged into the sump.
- The entire structure is coated with a high-grade corrosion protection, waterproof coating in accordance with EN ISO12944-C3.
- Dibt approval, Ü mark.



Certificates



Swing door	124.250.230	124.250.330	124.250.260	124.250.360
Sliding gate			124.250.260	124.250.360
Model	WSC-F-E.2-30/LL	WSC-F-E.3-30/LL	WSC-F-E.2-60/LL	WSC-F-E.3-60/LL
Number of storage levels	2	3	2	3
Capture volume	450 l	650 l	2*450 l	2*650 l
Capacity in 200-litre drums:	8	12	16	24
External dimensions S*G*W (mm)	3130*1450*2600	3130*1450*3550	6200* 1530*2600	6240*1530*3550
Internal dimensions of the compartment S*G*W (mm)	3010* 1300* 800	3010* 1300*800	3010*1300*800	3010*1300*800

STORAGE OF IBC CONTAINERS

The warehouses are dimensioned in such a way that the substance can be extracted from the container inside. With the appropriate options for accessories (type of doors, fans, lighting), the warehouse can be customised and adapted to active storage.



124.240.270



124.260.127



124.242.110

- Designed for the passive storage of hazardous agents of all hazard classes in KTC/IBC containers.
- The in-house ventilation system guarantees effective ventilation of the warehouse interior (0.4 times air exchange).
- Ventilation openings are located directly above the sump and in the upper part as ventilation slots.
- Active storage possible with optional Ex fan for more efficient removal of hazardous vapours (5-fold air exchange).
- Made of galvanised trapezoidal sheets, painted (additional service) in RAL colour.
- Includes door, with cylinder lock.
- It has a sump tray with a removable grille, made of 5 mm steel sheet, welded in watertightness class WZ2.2, tested in accordance with the standard EN ISO571-1.
- The storage facility is fitted with a three-sided splashback wall to ensure that spills and splashes are discharged into the sump.
- The entire structure is coated with a high-quality corrosion protection, waterproof coating in accordance with the EN ISO12944-C3.
- Dibt approval, Ü mark.



Acid storage possible with HDPE liner



124.240.270

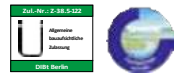


124.240.235



124.240.170

Certificates



Swing doors	124.260.127	124.260.227	124.260.154	124.260.254
Sliding gate				
Model	WSC-F-E.1-27	WSC-F-E.2-27	WSC-F-E.1-54	WSC-F-E.2-54
Number of storage levels	1	2	1	2
Capture volume	1000 l	1000 l	2*1000 l	2*1000 l
Quantity KTC / IBC	2	4	4	8
External dimensions S*G*W (mm)	2820*1450*2190	2820*1450*3575	5580* 1530*2245	5580*1530*3575
Internal dimensions S*G*W compartment (mm)	2700*1300*1730	2700*1300*1450	2700*1300*1720	2700*1300*1450



Swing door	124.240.135	124.240.235	124.240.170	124.240.270	124.240.370
Sliding gate					
Model	WSC-F-E.1-35	WSC-F-E.2-35	WSC-F-E.1-70	WSC-F-E.2-70	WSC-F-E.2-110
Number of storage levels	1	2	1	2	2
Capture volume	1000 l	1000 l	2*1000 l	2*1000 l	3*1000 l
Quantity KTC / IBC	3	6	6	12	18
External dimensions S*G*W (mm)	3500*1450*2245	3500* 1450*3660	6940*1530*2245	7060*1530*3660	10380*1540*3660
Internal dimensions of the compartment S*G*W (mm)	3380* 1300* 1795	3380*1300*1500	3380*1300*1730	3380*1300*1500	3380*1300*1500

INSULATED WAREHOUSES

The tried-and-tested design of the WSC thermal insulated containers provides the optimum solution for every area of application. This makes it possible to meet any requirement, regardless of whether it involves forklift operation, the storage of small containers or the storage of large containers.



EXECUTION

With the development of the industrially-adapted 'WSC thermally insulated container', temperature-sensitive substances can be safely stored in an unobjectionable manner and independently of the outside temperature. **HEATING**

WSC thermally insulated containers can be adapted to suit most of the energy types remaining available during plant operation.

INSULATION

As standard, all walls, roof and bottom are fully insulated with thermal, flame-retardant or non-combustible sandwich elements.

- Designed for the storage of dangerous agents of all hazard classes that are sensitive to temperature and moisture.
- **Construction, with external walls to prevent dew and compensate for temperature fluctuations. Made of tin-plated trapezoidal sheet metal, lahier (additional service) in RAL.**
- All side walls, roof, doors and underfloor slab fully insulated with mineral wool insulation - non-combustible - A2 to DIN 4102-1, with an insulation thickness of at least 60 mm.
- Includes double door with cylinder lock.
- It has a sump tray with a removable grille, made of 5 mm welded steel sheet in leak tightness class WZ2.2, tested in accordance with EN ISO571-1.
- **The entire honstruhcja is coated with a high-grade corrosion protection, waterproof coating in accordance with EN ISO12944-C3.**
- On each storage level, there is a shelf in the form of a grate for conveniently placing drums, containers or pallets.
- Dibt approval, Ü mark.



Acid storage possible with HDPE liner



124.300.230

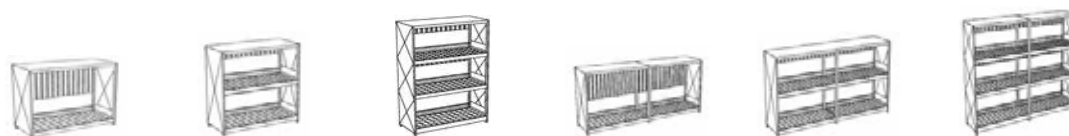
Certificates



124.300.230



124.300.360



Swing door	124.300.130	124.300.230	124.300.330			
Sliding gate				124.300.160	124.300.260	124.300.360
Model	WSC-T-E.1-30	WSC-T-E.2-30	WSC-T-E.3-30	WSC-T-E.1-60	WSC-T-E.2-60	WSC-T-E.3-60
Number of storage levels	1	2	3	1	2	3
Capture volume	450 l	450 l	650 l	2*450 l	2*450 l	2*650 l
Capacity in 200 litre drums on a grate	10	20	30	20	40	60
Volume in 200 litre drums on a pallet chemical	8	16	24	16	32	48
Volume in 200 litre drums on a Euro pallet	6	12	18	12	24	36
External dimensions S*G*W (mm)	3290*1440*2210	3290*1440*3180	3290*1440*4560	6360*1550*2280	6360*1550*3180	6400*1550*4580
Internal dimensions of the compartment S*G*W (mm)	3010*1300*1730	3010*1300*1250	3010*1300*1250	3010*1300*1730	3010*1300*1250	3010*1300*1250

DRUM STORAGE ON EUROPALLETS, INSULATED STORAGE



Acid storage possible with HDPE liner

- Designed for the storage of hazardous agents of all hazard classes that are temperature-sensitive and moisture, stored in 60 l and 200 l drums on industrial pallets and Euro pallets.
- Construction, with external walls to prevent dew and compensate for temperature fluctuations.
- Made of galvanised trapezoidal sheets, painted (additional service) in RAL colour.
- All side walls, roof, doors and underfloor slab fully insulated with mineral wool insulation - non-combustible - A2 to DIN 4102-1, with an insulation thickness of at least 60 mm.
- Includes double doors with cylinder lock.
- It has a sump tray with a removable grille, made of 5 mm welded steel sheet in leak tightness class WZ2.2, tested in accordance with EN ISO571-1.
- The entire structure is coated with a high-grade corrosion protection, waterproof coating in accordance with EN ISO12944-C3.
- Dibt approval, Ü mark.



124.310.240



124.321.270
optionally painted in RAL colours

Certificates



Swing gate	124.310.140	124.310.240	124.310.340	124.310.180	124.311.280	124.310.380
Sliding gate						
Model	WSC-T-E.1-30	WSC-T-E.2-30	WSC-T-E.3-30	WSC-T-E.1-60	WSC-T-E.2-60	WSC-T-E.3-60
Number of storage levels	1	2	3	1	2	3
Capacity capture	450 l	450 l	650 l	2*450	2*450	2*650
Capacity in drums on a chemical pallet	10	20	30	20	40	60
on a Euro pallet	6	12	18	12	24	36
External dimensions S*G*W (mm)	3290*1440*2210	3290*1440*3180	3290*1440*4560	6360*1550*2280	6360*1550*3180	6400*1550*4580



Acid storage possible with HDPE liner



124.321.270
optionally painted in RAL
colours



124.330.227
with swing doors

Certificates



	124.330.127	124.330.227	124.330.154	124.330.254
Swing door				
Sliding gate				
Model	WSC-T-E.1-27	WSC-T-E.2-27	WSC-T-E.1-54	WSC-T-E.2-54
Number of storage levels	1	2	1	2
Capture volume	1000 l	1000 l	2*1000 l	2*1000 l
Quantity KTC / IBC	2	4	4	8
External dimensions S*G*W (mm)	2820*1450*2190	2820*1450*3575	5580*1530*2245	5700*1530*3575
Shelf dimensions S*G*W (mm)	2700*1300*1730	2700*1300*1450	2700*1300*1720	2700*1300*1450



	124.320.135	124.320.235	124.321.135	124.321.235	124.320.371
Swing door					
Sliding gate					
Model	WSC-T-E.1-35	WSC-T-E.2-35	WSC-T-E.1-70	WSC-T-E.2-70	WSC-T-E.2-110
Number of storage levels	1	2	1	2	2
Number of levels	1000 l	1000 l	2*1000 l	2*1000 l	3*1000 l
Quantity KTC / IBC	3	6	6	12	18
External dimensions S*G*W (mm)	3500*1450*2245	3500*1450*3660	6940*1530*2245	7060*1530*3660	10380*1540*3660
Shelf dimensions S*G*W (mm)	3380*1300*1795	3380*1300*1500	3380*1300*1730	3380*1300*1500	3380*1300*1500

FIREPROOF WAREHOUSES



WE OFFER YOU THE POSSIBILITY OF TECHNICAL CONSULTATIONS REGARDING THE SELECTION OF THE APPROPRIATE STORAGE FACILITY

In order to meet your expectations, we have introduced hazardous substance storage facilities in fire resistance class F90. These warehouses are individual solutions, tailored to your needs, so feel free to contact us in order to prepare an offer as close to your needs as possible.

Fireproof containers not only guarantee the legal storage of hazardous and flammable substances, but also ensure complete safety in the event of fire, both inside and outside the warehouse.

Furthermore, the products we choose to distribute must comply with Polish and European standards, quality and safety.

MANY YEARS OF EXPERIENCE

We specialised in providing health, safety and environmental services for many years. Our priority is to provide safe workplaces for people who come into direct contact with chemical materials.

Environmental care is also important to us, mainly in the context of the removal and prevention of hazardous substance spills. The specialised staff we have at our disposal are fully competent to provide all the necessary information on the services we offer. Get in touch

with our sales department and we will arrange for our consultant to visit you at your company. Our employee will help assess your company's needs and advise you on the best solutions.

Our standard is solutions to ensure safe working conditions. Excellently qualified staff are always willing to help and advise you in making the right choice. Simply make an appointment with our sales representative, who will will arrange a free presentation or training at a time convenient to you.

TECHNICAL ADVICE

The key to the correct use of the warehouses and other products we offer is to know their purpose, their capabilities and how they work. To this end, we offer participation in training courses conducted by our highly qualified employees. They regularly take part in training courses organised by manufacturers, gaining knowledge of all the products we offer. The training can take place at your company's premises.



FIREPROOF STORAGE F90 CLASSIC



Acid storage possible with HDPE liner

- Intended for the storage of water hazardous substances GHS category 1-4, fire hazardous compounds, flammable liquids GHS category 1-3, toxic substances and highly toxic and waste requiring monitoring, with a storage depth of 2100 mm and a storage height of 2070 mm.
- It provides effective protection against the effects of fires inside or outside the container.
- Steel construction including fireproof insulation (90 min).
- Installation of the warehouse is possible inside or outside buildings and production halls without the need for safety distances.
- Door with stable open position.
- Doors and any air inlets and vents, in the event of a fire, automatically close and seal themselves.
- The floor of the warehouse is constructed as a sump tray made of 5 mm welded steel sheet in leakproofness class WZ2.2, inspected in accordance with EN ISO3452-1, fitted with removable steel trusses.
- With the appropriate accessory options (doors, fans, lighting, heating, air-conditioning, shelves, racks), the warehouse can be customised to suit your needs, enable 60 l or 200 l drums to be used efficiently and store containers of different sizes and shapes.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.002



124.602.031

Certificates



With door 1250*2000 mm	124.602.340	124.602.341	124.602.342	124.602.343	124.602.344	124.602.345	124.602.346
With door 1750*2000 mm	124.602.300	124.602.301	124.602.302	124.602.303	124.602.304	124.602.305	124.602.306
Model	WSC 2-CL/F90	WSC 3-CL/F90	WSC 4-CL/F90	WSC 5-CL/F90	WSC 6-CL/F90	WSC 7-CL/F90	WSC 8-CL/F90
Weight	1500 kg	2100 kg	2950 kg	2950 kg	3400 kg	3900 kg	4400 kg
Capture volume	600	800	1200	1400	1800	2*1100	2*1200
External dimensions S*G*W (mm)	2170*2500*2440	3000*2500*2440	4000*2500*2440	5000*2500*2440	6000*2500*2440	7000*2500*2440	8000*2500*2440
Internal dimensions S*G*W (mm)	1930*2100*2120	2750*2100*2120	3750*2100*2120	4750*2100*2120	5750*2100*2120	6750*2100*2120	7750*2100*2120

	Info	Anti-knockout protection.	Width	Depth	Length	Product code
Illuminating lamp, oblong	2*36W	Yes	-	-	-	124.903.123
Electric Heater Ribbed Ex ATEX	2000 W	Yes	-	-	-	124.903.104
	3000 W	Yes	-	-	-	124.903.105
Door support	For single-leaf doors	-	-	-	-	124.903.107
	For double-leaf doors	-	-	-	-	124.903.108
Storage rack for small containers	Base area 4 mag. tiers with grate.	-	-	600 mm	1060 mm	124.901.900
	Base area 4 mag. tiers with grate grids.	-	-	600 mm	1010 mm	124.901.100
	Base area 4 mag. tiers with grate.	-	-	600 mm	1360 mm	124.901.101
	Extra field 4 mag. tiers with grate grids.	-	-	600 mm	1310 mm	124.901.111

FIREPROOF STORAGE F90 COMFORT



Acid storage possible with HDPE liner

- Designed for the storage of water hazardous substances of GHS categories 1-4, fire hazardous compounds, flammable liquids of GHS categories 1-3, toxic and highly toxic substances and waste requiring monitoring, with a storage depth of 2100 mm and a storage height of 2520 mm.
- It provides effective protection against the effects of fires inside or outside the container.
- Steel construction including fireproof insulation (90 min).
- Warehouse installation possible inside or outside buildings and production halls without the need for safety distances.
- Door with stable open position.
- Doors and any air inlets and vents, in the event of a fire, automatically close and seal themselves.
- The floor of the warehouse is made as a sump tray made of 5 mm welded steel sheet in leak-tightness class WZ2.2, tested in accordance with EN ISO3452-1, equipped with removable steel trusses.
- With the appropriate accessory options (doors, fans, lighting, heating, air-conditioning, shelves, racks), the warehouse can be customised to suit your needs, enable 60 l or 200 l drums to be used efficiently and store containers of different sizes and shapes.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.042



Optional interior fittings

Certificates



	124.602.360	124.602.361	124.602.362	124.602.363	124.602.364	124.602.365	124.602.366
Sliding gate							
Swing doors	124.602.320	124.602.321	124.602.322	124.602.323	124.602.324	124.602.325	124.602.326
Model	WSC 2-CO/F90	WSC 3-CO/F90	WSC 4-CO/F90	WSC 5-CO/F90	WSC 6-CO/F90	WSC 7-CO/F90	WSC 8-CO/F90
Weight	1800 kg	2350 kg	2800 kg	3500 kg	3900 kg	4450 kg	5000 kg
Capture volume	600 l	800 l	1200	1400	1800 l	2*1100 l	2*1100 l
External dimensions S*G*W (mm)	2170*2510*2880	3000*2500*2840	4000*2500*2840	5000*2500*2840	6000*2500*2840	7000*2500*2840	8000*2500*2840
Internal dimensions S*G*W (mm)	1760*2100*2520	2750*2100*2520	3750*2100*2520	4750*2100*2520	5750*2100*2520	6750*2100*2520	7750*2100*2520

FIREPROOF STORAGE F90 PREMIUM



Acid storage possible with HDPE liner

- Designed for the storage of water hazardous substances of GHS categories 1-4, fire hazardous compounds, flammable liquids of GHS categories 1-3, toxic and highly toxic substances and waste requiring monitoring, with a storage depth of 2700 mm and a storage height of 2070 mm.
- It provides effective protection against the effects of fires inside or outside the container.
- Steel construction including fireproof insulation (90 min).
- Warehouse installation possible inside or outside buildings and production halls without the need for safety distances.
- Door with stable open position.
- Doors and any air inlets and vents, in the event of a fire, automatically close and seal themselves.
- The floor of the warehouse is made as a sump tray made of 5 mm welded steel sheet in leak-tightness class WZ2.2, tested in accordance with EN ISO3452-1, equipped with removable steel trusses.
- With the appropriate accessory options (doors, fans, lighting, heating, air-conditioning, shelves, racks), the warehouse can be customised to suit your needs, enable 60 l or 200 l drums to be used efficiently and store containers of different sizes and shapes.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.061



Optional interior fittings

Certificates



With door 1250*2000 mm	124.602.350	124.602.351	124.602.352	124.602.353	124.602.354	124.602.355	124.602.356
With doors 1750*2000 mm	124.602.310	124.602.311	124.602.312	124.602.313	124.602.314	124.602.315	124.602.316
Model	WSC 2-PR/F90	WSC 3-PR/F90	WSC 4-PR/F90	WSC 5-PR/F90	WSC 6-PR/F90	WSC 7-PR/F90	WSC 8-PR/F90
Capture volume	700 l	800 l	1200 l	1400 l	2*1100 l	2*1300 l	2*1500 l
Weight	1700 kg	2250 kg	2700 kg	3400 kg	3800 kg	4350kg	4400kg
External dimensions S*G*W (mm)	2170*2950*2440	3000*2950*2440	4000*2950*2440	5000*2950*2440	6000*2950*2440	7000*2950*2440	8000*2950*2440
Internal dimensions S*G*W (mm)	1930*2550*2120	2750*2550*2120	3750*2550*2120	4750*2550*2120	5750*2550*2120	6750*2550*2120	7750*2550*2120

FIREPROOF STORAGE F90 SUPERIOR



Acid storage possible with HDPE liner

- Designed for the storage of water hazardous substances of GHS categories 1-4, fire hazardous compounds, flammable liquids of GHS categories 1-3, toxic and highly toxic substances and waste requiring monitoring, with a storage depth of 2700 mm and a storage height of 2520 mm.
- It provides effective protection against the effects of fires inside or outside the container.
- Steel construction including fireproof insulation (90 min).
- Warehouse installation possible inside or outside buildings and production halls without the need for safety distances.
- Door with stable open position.
- Doors and any air inlets and vents, in the event of a fire, automatically close and seal themselves.
- The floor of the warehouse is made as a sump tray made of 5 mm welded steel sheet in leak-tightness class WZ2.2, tested in accordance with EN ISO3452-1, equipped with removable steel trusses.
- With the appropriate accessory options (doors, fans, lighting, heating, air-conditioning, shelves, racks), the warehouse can be customised to suit your needs, enable 60 l or 200 l drums to be used efficiently and store containers of different sizes and shapes.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.372



Optional interior fittings

Certificates



Model	WSC 2-SU/F90	WSC 3-SU/F90	WSC 4-SU/F90	WSC 5-SU/F90	WSC 6-SU/F90	WSC 7-SU/F90	WSC 8-SU/F90
With door 1250*2000 mm	124.602.370	124.602.371	124.602.372	124.602.373	124.602.374	124.602.375	124.602.376
With door 1750*2000 mm	124.602.330	124.602.331	124.602.332	124.602.333	124.602.334	124.602.335	124.602.336
Capture volume	700	1000 l	1400	1800	2*1100	2*1300	2*1500
Weight	1800 kg	2350 kg	2800 kg	3500 kg	3900 kg	4450 kg	5000 kg
External dimensions S*G*W (mm)	2170*2950*2840	3000*2950*2840	4000*2950*2840	5000*2950*2840	6000*2950*2840	7000*2950*2840	8000*2950*2840
Internal dimensions S*G*W (mm)	1930*255*2520	2750*2550*2520	3750*2550*2520	4750*2550*2520	5750*2550*2520	6750*2550*2520	7750*2550*2520

FIREPROOF STORAGE F90, FOR DRUMS



Acid storage possible with HDPE liner

- It provides effective protection against the effects of fires inside or outside the container.
- Intended for the storage of water hazardous agents GHS categories 1-4, fire hazardous compounds, flammable liquids GHS categories 1-3, poisonous and highly poisonous substances and waste requiring monitoring stored in 60 litre and 200 litre drums.
- All side walls and roof fully clad with multilayer, fire-resistant (90 min) insulating elements in accordance with EN13501.
- Steel frame construction.
- Self-closing double-leafed warehouse fire door (fire resistance 90 min), with general technical approval.
- Equipped with a lock, a self-closing mechanism with panic function and a door leaf closing sequence control system, they enable convenient and safe storage inside the container.
- The floor of the warehouse is constructed as a sump tray made of 5 mm welded steel sheet in leakproofness class WZ2.2, inspected in accordance with in accordance with EN ISO3452-1, fitted with removable steel trusses.
- The entire warehouse floor is coated with a high-grade corrosion protection.
- Warehouse supplied pre-assembled, ready for immediate use with lifting lugs to enable it to be moved (empty warehouse only).
- Container designed for indoor and outdoor installation (earth connection necessary) without safety distances.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.381



Signal siren for venting system and door opening system



Locking device



Fan with venting system

Certificates



Door product code S*W 1350*2000 mm	124.602.380	124.602.381
Model	WCS-Fass 2/F90	WCS-Fass 4/F90
External dimensions S*G*W (mm)	1720*1540*2325	1720*184*2325
Internal dimensions S*G*W (mm)	1360*950*1900	1360*1250*1900
Capture volume (l)	220	220
Number of 200-litre drums	2 on EURO pallets	4 on chemical pallets

	Product code
Mechanical ventilation	124.903.121
Internal lighting 2*18 W, Ex ATEX, Zone 2, WSC FASS/KTC 90 min	124.903.125
Heater 2 kW, Ex ATEX, WSC 90 min	124.903.104
Heater 3 kW, Ex ATEX, WSC 90 min	124.903.105
Equipotential bonding strip, WSC 90 min	124.903.120
Distribution box, external, WSC 90 min	124.903.119
Exhaust air control system, Ex ATEX, WSC 90 min	124.903.110
Signalling system, lamp and alarm siren, WSC 90 min	124.903.111

FIREPROOF STORAGE F90, FOR IBC/KTC CONTAINERS



Acid storage possible with HDPE liner

- It provides effective protection against the effects of fires inside or outside the container.
- Designed for the storage of water hazardous agents GHS categories 1-4, fire hazard-promoting compounds, flammable liquids GHS categories 1-3, poisonous and highly poisonous substances and waste requiring supervision stored in KTC/IBC tanks.
- All side walls and roof fully clad with multilayer, fire-resistant (90 min) insulating elements in accordance with EN13501.
- Steel frame construction. Self-closing double-leafed warehouse fire door (fire resistance 90 min), general technical approval.
- Equipped with a lock, a self-closing mechanism with panic function and a door leaf closing sequence control system, they enable convenient and safe storage inside the container.
- Warehouse floor made as a sump made of 5 mm steel sheet, welded to tightness class WZ2.2, tested in accordance with EN ISO3452-1, fitted with removable steel grating.
- The entire warehouse floor is coated with a high-grade corrosion protection.
- Container suitable for indoor and outdoor installation (earth connection necessary) without safety distances.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.383



124.602.382

Certificates



Product code, door S*W 1350*2000mm (EF)	124.602.382	-
Product code, door S*W 2900*2000mm (DF)	-	124.602.383
Model	WCS-KTC1/F90	WCS-KTC2/F90
External dimensions S*G*W (mm)	1730*1840*2665	3270*1770*2480
Internal dimensions S*G*W (mm)	1360*1260*1900	2900*1300*1900
Capture volume (l)	1000	1000
Number of KTC	1	2

	Product code
Mechanical ventilation	124.903.121
Internal lighting 2*18 W, Ex ATEX, Zone 2, WSC FASS/KTC 90 min	124.903.125
Heater 2 kW, Ex ATEX, WSC 90 min	124.903.104
Heater 3 kW, Ex ATEX, WSC 90 min	124.903.105
Equipotential bonding strip, WSC 90 min	124.903.120
Distribution box, external, WSC 90 min	124.903.119
Exhaust air control system, Ex ATEX, WSC 90 min	124.903.110
Signalling system, lamp and alarm siren, WSC 90 min	124.903.111

FIREPROOF STORAGE F90, TWO-STOREY, HINGED DOORS



Acid storage possible with HDPE liner

- It provides effective protection against the effects of fires inside or outside the container.
- Intended for the storage of water hazardous substances GHS category 1-4, fire hazardous compounds, flammable liquids GHS category 1-3, toxic substances and highly toxic and waste requiring monitoring.
- All side walls, underfloor slab and roof fully clad with multilayer, fire-resistant (90 min) insulating elements in accordance with EN13501.
- 2-storey, 1 segment steel frame construction, with ground clearance for ventilation purposes.
- Self-closing double-leafed warehouse fire door (fire resistance 90 min), with general technical approval.
- Equipped with a lock, a self-closing mechanism with panic function and a door leaf closing sequence control system, they enable convenient and safe storage inside the container.
- The entire structure is coated with a high-grade corrosion protection, waterproof coating in accordance with EN ISO12944-C3.
- The floor of the warehouse is made as a sump tray made of 5 mm welded steel sheet in leak-tightness class WZ2.2, tested in accordance with EN ISO3452-1, equipped with removable steel trusses.
- Warehouse supplied pre-assembled, ready for immediate use with lifting lugs to enable it to be moved (empty warehouse only).
- Installation takes place on a flat surface of adequate strength.
- Container suitable for indoor and outdoor installation (earth connection necessary) without safety distances.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.201



124.602.202

Certificates



90
MINUTES

Product code	124.602.200	124.602.201	124.602.202	124.602.203
Model	WSC-T-E.2-27 DF/F90	WSC-T-E.2-30 DF/F90	WSC-T-E.2-54 DF/F90	WSC-T-E.2-60DF/F90
External dimensions S*G*W (mm)	3070*1800*3700	3370*1800*3280	6140*1800*3700	6740*1800*3340
Shelf dimensions S*G*W (mm)	2700*1300*1400	3000*1300*1250	2700*1300*1400	3000*1300*1250
Number of storage levels	2	2	2	2
Capture volume (l)	1000	450	2*1000	2*450
Quantity of 200-litre drums on EURO pallets / on chemical pallets	12/16	12/16	24/32	24/32
Quantity of 1000-litre KTC/IBC	4	-	8	-
Door S*G*W (mm) (outside frame dimension)	2700*3000	3000*2700	2*2700*3000	2*3000*2700

FIREPROOF STORAGE F90, TWO-STOREY, SLIDING DOOR



Acid storage possible with HDPE liner

- It provides effective protection against the effects of fires inside or outside the container.
- Designed for the storage of water-hazardous agents of GHS categories 1-4, fire hazard-promoting compounds, flammable liquids of GHS categories 1-3, poisonous and highly poisonous substances and waste requiring supervision.
- All side walls and roof fully clad with multilayer insulation, fire-resistant (90 min), in accordance with EN13501. 2-storey 2-segment steel frame construction.
- Sliding, fire-proof warehouse doors (fire resistance 90 min), with hydraulic dampers in the end positions, have general technical approval.
- Surface finish RAL5015, 100 mm thick, sandwich construction.
- Equipped with a lock, a system of handles mounted on the door wings, a self-closing mechanism and a mechanism that holds the door in the open position, they enable convenient and safe storage inside the container.
- The entire warehouse structure is coated with a high-grade corrosion protection, waterproof coating in accordance with EN ISO12944-C3.
- The warehouse floor is made up of two sump trays made of 5 mm sheet steel, welded to tightness class WZ2.2, tested in accordance with EN ISO3452-1, and fitted with removable steel trusses.
- Warehouse supplied pre-assembled, ready for immediate use with lifting lugs to enable it to be moved (empty warehouse only).
- Container suitable for indoor and outdoor installation (earth connection necessary) without safety distances.
- Meets Dibt requirements, fire resistance of 90 min in accordance with EN13501, CE mark.



124.602.206



124.602.207

Certificates



Product code	124.602.207	124.602.208
Model	WSC-T-E.2-70 ST/F90	WSC-T-E.2-80 ST/F90
External dimensions S*G*W (mm)	7740*1900*3700	8480*1900*3700
Shelf dimensions S*G*W (mm)	3380*1300*1465	3900*1300*1500
Number of storage levels	2	2
Capture volume (l)	2*1000	2*1000
Quantity of 200-litre drums on EURO pallets / on chemical pallets	-	32/48
Quantity of 1000-litre KTC/IBC	12	12
Number of sliding doors	2	2

BOX FOR GAS CYLINDERS



STORAGE FOR GAS CYLINDERS

- Designed for the safe storage of gas cylinders.
- Structure with solid walls and roof, made of steel profiles and galvanised trapezoidal sheets painted in blue.
- Protects cylinders from the weather and unauthorised access.
- Includes single-leaf lacquered lattice door made of galvanised steel bars (DIN right) and handles and chain cylinder protection.
- The use of lattice doors allows easy access to the inside of the warehouse.
- An in-house ventilation system and grating doors ensure that hazardous vapours are effectively extracted.
- An optional ramp is available for convenient transport of cylinders to and from the warehouse.



124.700.103

Type	Product code	Product code	Product code	Product code	Product code	Product code
without floor	124.700.100	124.700.101	124.700.102	124.700.103	124.700.104	124.700.105
with floor	124.700.200	124.700.201	124.700.202	124.700.203	124.700.204	124.700.205
Model	FCG 6.08	FCG 8.11	FCG 12.11	FCG 16.21	FCG 24.21	FCG 32.21
Volume, in gas bottles Ø 220	6	8	12	16	24	32
Doors	Swing, DIN right	Swing, DIN right	Swing, DIN right	Doors with two with wings	Doors with two with wings	Doors with two with wings
Weight	155 kg	170 kg	180 kg	235 kg	245 kg	280 kg
External dimensions S*G*W (mm)	860*1050*2055	1125*1050*2055	1125*1250*2055	2100*1050*2055	2100*1250*2055	2100*1480*2055

	Type	Width	Depth	Length	Product code
RAMP	Galvanised	750 mm	740 mm	130 mm	124.799.100

BOXES FOR GAS CYLINDERS



FOR PALLETS OF CYLINDERS AND INDIVIDUAL CYLINDERS

- Designed for the safe storage of gas cylinders.
- Structure with solid walls and roof, made of steel profiles and galvanised trapezoidal sheets painted in blue.
- Protects cylinders from the weather and unauthorised access.
- Includes lacquered galvanised steel bar grating door and handles and chain cylinder protection.
- The use of lattice doors allows easy access to the inside of the warehouse.
- An in-house ventilation system and a grille door ensure that hazardous vapours are effectively extracted.
- An optional ramp is available for convenient transport of cylinders to and from the warehouse.
- Meets the requirements of TRGS 510.



124.700.207
with optional driveway ramp



124.701.208

Type	Product code	Product code	Product code	Product code
No floor	124.700.106	124.700.107	124.701.108	124.701.109
With the floor	124.700.206	124.700.207	124.701.208	124.701.209
	WARDROBE S		CONTAINER S	
Model	FCG 15.13	FCG 30.13	FCG-E.3.48	FCG-E.6.96
number of stored pallets for gas cylinders	1	2	2 and 4 single cylinders	4 and 8 single cylinders
number of cylinders stored Ø 220 with gas	15	30	48	96
Implementation of doors	Doors with two wings	Doors with two wings	Doors with two wings	Sliding, two-part
Weight	225 kg	300 kg	760 kg	1500 kg
External dimensions S*G*W (mm)	1400*1400*2055	2700*1400*2055	3120*1440*2400	6220*1440*2400

	Type	Width	Depth	Length	Product code
RAMP	Galvanised	880 mm	845 mm	205 mm	124.799.101

STEEL BOX FOR GAS CYLINDERS



F90 FIRE-RESISTANT CONSTRUCTION

- Designed for the safe storage of gas cylinders.
- Structure with solid walls and roof in fire-retardant design F90, in accordance with DIN 4102, made of steel panels painted blue.
- Protects cylinders from the weather and unauthorised access.
- Includes lacquered lattice doors made of galvanised steel bars, as well as handles and a chain cylinder safety device.
- The use of lattice doors allows easy access to the inside of the warehouse.
- An in-house ventilation system and a grille door ensure that hazardous vapours are effectively extracted.
- Optional ramp available for convenient transport of cylinders to and from the warehouse and additional partition walls to divide the warehouse as required.
- Meets the requirements of TRGS 280.



124.730.109



Type	Product code	Product code	Product code	Product code	Product code
Without floor	124.730.100	124.730.102	124.730.104	124.730.108	124.730.110
With floor	124.730.101	124.730.103	124.730.105	124.730.109	124.730.111
Model	GFL-F90-6.08	GFL-F90-8.11	GFL-F90-12.11	GFL-F90-24.21	GFL-F90-32.21
Cylinder capacity Ø200	6	8	12	24	32
Implementation of doors	Single leaf, DIN right	Single leaf, DIN right	Single leaf, DIN right	Doors with two with wings	Doors with two with wings
External dimensions S*G*W (mm)	1080*1250*2290	1330*1250*2290	1330*1400*2290	2350*1400*2290	2350*1600*2290
Internal dimensions S*G*W (mm)	800*920*2000	1050*920*2000	1050*1080*2000	2050*1080*2000	2050*1230*2000

	Depth	Product code
RAMP	-	124.799.103
PARTITION	920 mm	124.798.000
	1080 mm	124.798.001

GENERAL INFORMATION

THE VERSATILE HAZARDOUS MATERIALS STORAGE SYSTEM FOR OUTDOOR INSTALLATION

Total solutions in the area of hazardous substance storage are in demand. Users must meet the challenge of storing water-polluting substances, flammable liquids and frost-sensitive hazardous substances safely and in accordance with regulations in order to protect employees, third parties and the environment. SÄBU is a reliable certified partner for the safe storage of hazardous substances and offers individual storage solutions for different installation locations, active and passive storage with the SAFE tanks.



SAFE Tank hazardous material containers are tested and approved by the German Institute for Building Technology (DIBt) for the storage of:

- substances hazardous to water (WGK 1-3, GHS category 1-4),
- substances hazardous to water (WGK 1-3, GHS category 1-4) and flammable substances (GHS category 1-3) for active storage*1,
- substances hazardous to water (WGK 1-3, GHS category 1-4) and flammable substances (GHS category 1-3) for passive storage*2.



The **SAFE Tank KTC** is the ideal hazardous materials storage system for large containers up to 1,000 l and for storing drums. Using a filling trestle for tank containers ensures both simple and clean removal and complete emptying of the KTC tank containers.

The **SAFE insulated tank** was specially developed for the storage of environmentally hazardous, temperature- and moisture-sensitive products. The insulated outer skin prevents the formation of condensation or dew water and compensates for temperature fluctuations.

■ PRODUCT FEATURES SAFE Tank and SAFE Tank KTC:

- According to the Water Resources Act (WHG), approved for substances hazardous to water and flammable substances according to WGK 1-3 and GHS category 1-3, approval no.: DIBt Z-38.5-152.
- Individual modules fully assembled, ready for immediate use (SAFE Tank 100 - 1900), can be walked on and, from SAFE Tank 1000, can be driven over with a lift truck. Drive-on ramps enable stepless loading and unloading.
- Container combinations for large-capacity hazardous material storage up to 32 m², accessible and drivable, optionally dismantled at the factory to save freight costs or pre-assembled (SAFE Tank 2000 - 5000).
- Construction developed by SÄBU with statics made of stable galvanised trapezoidal sheets in 6 craneable variants.
- Standard door 1.30 x 1.89 m with security lock.
- Several door variants and door positions can be selected for individual customisation.
- Tray made of 3 mm sheet steel (S235JR), welded liquid-tight, then galvanised, with removable galvanised gratings above.
- Traffic load per trough up to 1,000 kg/m².
- Exterior wall painting available in various RAL colour shades.

■ PUNKTE SAFE Tank insulated and SAFE Tank KTC insulated:

- Excellent thermal insulation due to sandwich elements made of environmentally friendly, water-blown rigid polyurethane foam.
- Wall elements $U=0.47 \text{ W}/(\text{m}^2\text{K})$, roof elements $U=0.47 \text{ W}/(\text{m}^2\text{K})$.
- Outer and inner wall made of strip galvanised and coated steel (RAL 9002) for excellent corrosion protection and a long service life.
- 20 years of development and production in Germany, certified quality.

SAFE TANK - VERSIONS AND EQUIPMENT

The versatile SAFE range includes various SAFE tank versions, whether galvanised, galvanised painted or iso-lated. For larger storage quantities, a container combination is always the right decision, also under the aspect of later expansion. As in a modular system, the individual SAFE tanks can be combined to form large hazardous material rooms of up to 32 sqm². By installing a gas warning system (SAFE Tank CONTROL) or a door contact switch (SAFE Tank ECO), the SAFE tanks can be converted for safe active or passive storage in an energy-efficient manner.* This is also possible by installing ventilation gills or a fan in continuous operation.

The extensive system accessories offer practical storage and flexible use of the hazardous material storage. For all SAFE tanks, for example, there are corresponding grid shelves and an anti-theft device protects against unauthorised access.



SAFE Tank ST 100
(single container)



SAFE Tank 400 KTC insulated
(single container)



SAFE Tank ST 5000
(combination)

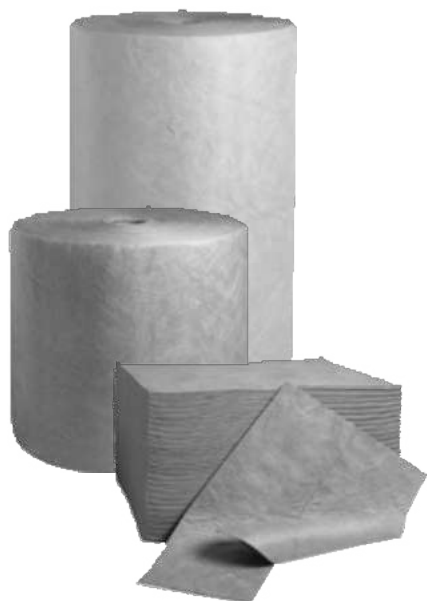
	Model	External dimensions (W x D x H)	Interior dimensions (W x D x H)	Empty weight	Collection volume	Art. no.
	SAFE Tank	ST 100	1.42 m x 1.08 m x 2.30 m	1.30 m x 0.80 m x 2.00 m	from 224 kg	214 l
ST 200		1.42 m x 1.49 m x 2.30 m	1.29 m x 1.25 m x 2.00 m	from 275 kg	209 l	109.311.128
ST 300		2.10 m x 1.14 m x 2.30 m	2.00 m x 0.97 m x 2.00 m	from 310 kg	275 l	109.311.137
ST 400 KTC		2.10 m x 2.17 m x 2.40 m	2.00 m x 2.00 m x 2.00 m	from 520 kg	1.040 l	109.313.100
ST 1000		3.05 m x 2.17 m x 2.31 m	2.92 m x 2.00 m x 2.00 m	from 750 kg	1.030 l	109.311.107
ST 1000 KTC		3.05 m x 2.17 m x 2.31 m	2.92 m x 2.00 m x 2.00 m	from 750 kg	1.030 l	109.313.200
ST 1350		4.05 m x 2.17 m x 2.30 m	3.92 m x 2.00 m x 2.00 m	from 1,010 kg	1.050 l	109.313.312
ST 1700		5.08 m x 2.17 m x 2.30 m	5.00 m x 2.00 m x 2.00 m	from 1.250 kg	1.480 l	109.311.119
ST 1900		6.08 m x 2.17 m x 2.31 m	5.94 m x 2.00 m x 2.00 m	from 1,480 kg	2 x 1,030 l	109.311.125
ST 2000		3.05 m x 4.34 m x 2.30 m	2.92 m x 4.20 m x 2.00 m	from 1,420 kg	2 x 1,030 l	109.311.134
SAFE Tank isolate	ST 3000	3.05 m x 6.52 m x 2.30 m	2.92 m x 6.35 m x 2.00 m	from 2,130 kg	3 x 1,030 l	109.311.143
	ST 4000	5.08 m x 4.34 m x 2.30 m	5.00 m x 4.20 m x 2.00 m	from 2,367 kg	2 x 1,480 l	109.311.149
	ST 5000	5.08 m x 6.52 m x 2.30 m	5.00 m x 6.35 m x 2.00 m	from 3,520 kg	3 x 1,480 l	109.311.155
	Model	External dimensions (W x D x H)	Interior dimensions (W x D x H)	Unladen weight	Collection volume	Art. no.
	STI 200	1.42 m x 1.49 m x 2.52 m	1.25 m x 1.21 m x 2.20 m	from 229 kg	209 l	109.312.109
	STI 300	2.10 m x 1.14 m x 2.52 m	1.96 m x 0.91 m x 2.20 m	from 448 kg	275 l	109.312.113
	STI 400 KTC	2.10 m x 2.17 m x 2.65 m	1.95 m x 1.95 m x 2.22 m	from 605 kg	1.040 l	109.314.100
	STI 1000	3.05 m x 2.17 m x 2.56 m	2.82 m x 1.94 m x 2.20 m	from 890 kg	1.030 l	109.312.101
	STI 1000 KTC	3.05 m x 2.17 m x 2.56 m	2.82 m x 1.94 m x 2.22 m	from 890 kg	1.030 l	109.314.200
	STI 1350	4.05 m x 2.17 m x 2.52 m	3.82 m x 1.94 m x 2.20 m	from 1,160 kg	1.050 l	109.312.103
STI 1700	5.08 m x 2.17 m x 2.52 m	4.85 m x 1.94 m x 2.20 m	from 1,450 kg	1.480 l	109.312.105	
STI 1900	6.08 m x 2.17 m x 2.56 m	5.89 m x 1.94 m x 2.20 m	from 1,740 kg	2 x 1,030 l	109.312.107	
STI 2000	3.05 m x 4.34 m x 2.52 m	2.86 m x 4.10 m x 2.20 m	from 1,650 kg	2 x 1,030 l	109.312.111	
STI 3000	3.05 m x 6.52 m x 2.52 m	2.86 m x 6.15 m x 2.20 m	from 2,468 kg	3 x 1,030 l	109.312.115	
STI 4000	5.08 m x 4.34 m x 2.52 m	4.86 m x 4.10 m x 2.20 m	from 2,742 kg	2 x 1,480 l	109.312.117	
STI 5000	5.08 m x 6.52 m x 2.52 m	4.86 m x 6.15 m x 2.20 m	from 4,113 kg	3 x 1,480 l	109.312.119	

SORBENTS



CHOOSE THE RIGHT PRODUCT FOR YOUR APPLICATION

AVAILABLE SHAPES OF POLYPROPYLENE SORBENTS



MATS AND ROLLS

The sorbent in mat form is designed for cleaning small areas: to quickly clean up spills and leaks in tight, hard-to-reach areas and on floors and worktops. Rolls are used for large area cleaning: to protect traffic routes and stopping leaks from under the machinery.



CUSHIONS

Ideal for absorbing large spills from under machinery and in tight, hard-to-reach areas. Used as a replacement element in containers that collect spills of oils, coolants and other petroleum products.



SOCKS

Used to stop and containment of leakages from machinery, leaking containers, drums and hydraulic lines and spillages that threaten safety at workplaces.

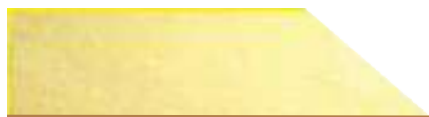
COLOURS FOR SPECIAL TASKS

The colour categorisation makes it easy to select the sorbent needed. Each colour indicates the absorption of different substances.



UNIVERSAL SORBENTS

A series of sorbents dedicated to the absorption of: water, oils, industrial liquids, petroleum products and non-aggressive chemicals.



CHEMICAL SORBENTS

Yellow sorbents are specially adapted for the removal of all kinds of aggressive chemicals, including unidentified ones.



SORBENTS FOR OIL ONLY INDUSTRY

A range of sorbents suitable for absorbing: oils, crude oil and other petroleum products. Blue sorbents - **do not absorb water**.



SORBENTS FOR OIL ONLY MARINE

White sorbents absorb oil, oil and other oil products from the water surface (rivers, lakes, reservoirs) - **they do not absorb water**.



MICROSORB FIRST

UNIVERSAL SORBENT

- Absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals
- Indoor use for securing traffic routes, stopping leaks from under machines, leaking containers and hydraulic lines, and spills that threaten the safety of workplaces
- Designed to quickly clean up spills and leaks in tight, hard-to-reach areas and on floors
- Prevents hazards caused by spills of oils, solvents on worktops and when operating containers
- Thanks to the perforation, we use as much as we need



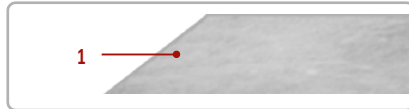
Absorption by

EDANA

Certificates



Type Microsorb First, 1-layer



1. MeltBlown layer

Product code	146.310.200	146.310.201	146.310.202	146.310.203	146.310.100	146.310.101	146.310.102	146.310.103
Dimensions S*D (m)	0,40*60	0,80*60	0,40*40	0,80*40	0,4*0,5	0,4*0,5	0,4*0,5	0,4*0,5
Density type	LW	LW	HW	HW	LW	LW	HW	HW
Quantity per pack (pcs.)	2	1	2	1	4*50	200	2*50	100
Weight (kg)	8,6	8,6	9,6	9,6	7,2	7,2	6	6
Absorption (l)	173	173	180	180	144	144	113	113
Water absorption	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of layers	1	1	1	1	1	1	1	1
Type of layers	Unsmoothed	Unsmoothed	Unsmoothed	Unsmoothed	Unsmoothed	Unsmoothed	Unsmoothed	Unsmoothed



SOCKS

UNIVERSAL SORBENTS

- Absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals
- Indoor use to protect traffic routes, stop and contain leaks from under machinery, leaking containers, drums and pipes hydraulic and spillage hazards at workplaces
- Thanks to its design, it can be freely shaped
- Used to protect and contain spills and leaks in tight, hard-to-reach areas and on floors
- Prevents hazards caused by leaks of oils, solvents on worktops and when using and storing containers and drums



Absorption by

EDANA

Certificates



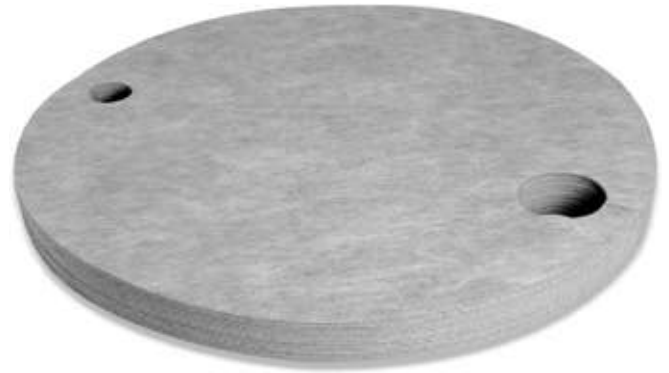
The 18 m sleeve can be cut to the required length and the end clipped.

Product code	146.340.400	146.340.401	146.340.402
Dimensions M*D (m)	0,075*1,20	0,075*3	0,075*18
Quantity per pack (pcs.)	20	8	1
Weight (kg)	8	8	6
Packaging absorption (l)	80	80	60
Water absorption	Yes	Yes	Yes

DRUM TOP PADS

UNIVERSAL SORBENTS

- Absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals
- Indoor use to protect drums during operation and storage
- Made as a double-layered sorbent (SpunBond and MeltBlown layer)
- The working layer is dust-free while the backing layer is smooth
- The use of non-woven Spunbond fabric increases the strength and durability of the product
- Absorbs leaks from leaking drum pumps and prevents dirt from accumulating on the barrel age
- Cut-outs allow the mat to be replaced without removing the pump and vent
- Type Microsorb SM,2-layer



146.320.900

CUSHION

UNIVERSAL SORBENTS

- Absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals
- Ideal for absorbing large spills from under machines and in tight, hard-to-reach areas
- Large surface area facilitates rapid absorption
- Used as a replacement element in containers that collect leaks of oils, coolants and other petroleum products from leaking valves and lines



146.340.304

Absorption by



Certificates



Product code	146.320.901	146.340.304
Dimensions S*D (m)	Medium - 0.56	0,25*0,25
Quantity per pack (pcs.)	25	25
Weight (kg)	2,1	6,5
Packaging absorption (l)	31,5	89
Water absorption	Yes	Yes



TRACKMAT

UNIVERSAL SORBENTS

- Absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals
- Ideal for high traffic areas where high strength, impermeability and slip resistance of the sorbent is required, allows vehicular traffic
- Indoor use for securing traffic routes, stopping leaks from under machines, leaking containers and hydraulic lines, and spills that threaten the safety of workplaces
- Recommended as a workstation protection primer when changing maintenance fluids for machinery, mechanical equipment and motorbikes
- The non-slip, impermeable film layer provides excellent adhesion of the mat to the substrate and protects it from contamination by leaking liquids, for best results clean the floor before use
- Compressed polypropylene fibres with a honeycomb structure provide abrasion resistance to the mat and are ideal for in high traffic areas

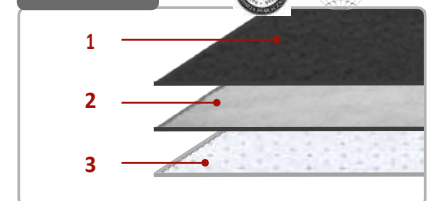


Trackmat type, 3-layer

Absorption by

EDANA

Certificates



1. Top layer extra reinforced
2. Inner layer
3. Impermeable, non-slip base layer

Product code	146.332.100	146.332.200	146.332.201	146.332.202	146.332.203
Dimensions S*D (m)	0,40*0,50	0,40*30	0,80*30	1,20*30	1,60*30
Density type	HW	HW	HW	HW	HW
Weight (kg)	4,6	10,9	10,9	16,4	21,9
Quantity per pack (pcs.)	50	2	1	1	1
Absorption (l)	43	103	103	154	205
Water absorption	Yes	Yes	Yes	Yes	Yes
Number of layers	3	3	3	3	3
Type of layers	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free



MICROSORB FIRST

CHEMICAL SORBENTS

- Quickly and effectively removes accidental spills and leaks of liquid chemicals, even the most aggressive acids and bases
- Manufactured as a non-smooth sorbent (MeltBlown)
- Used to protect work surfaces in laboratories, factories and warehouses from Unexpected leakage of unknown and hazardous substances Prevents hazards caused by leakage of oils, solvents on worktops and in the operation of the containers
- Thanks to the perforation, we use as much as we need



Absorption by

EDANA

Certificates



Type Microsorb First, 1-layer



1. MeltBlown layer

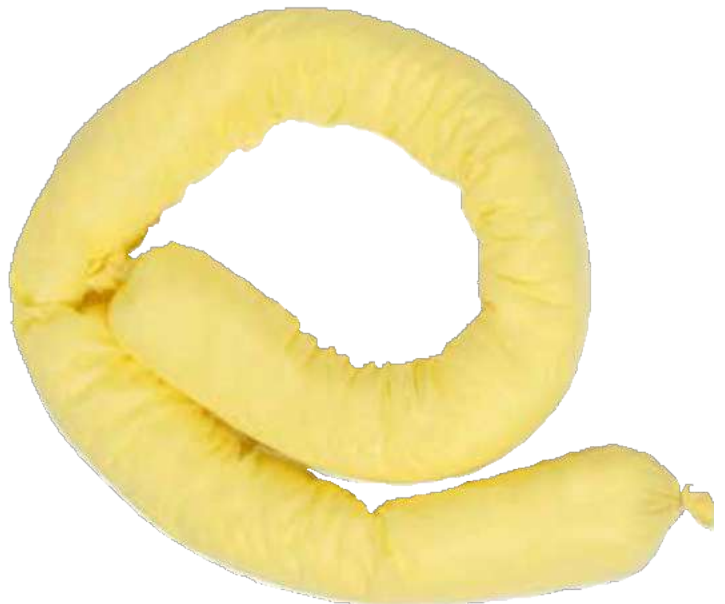
Product code	146.210.200	146.210.201	146.210.202	146.210.203	146.210.101	146.210.103
Dimensions S*D (m)	0,40*60	0,80*60 m	0,40*40 m	0,80*40 m	0,40*0,50	0,40*0,50
Density type	LW	LW	HW	HW	LW	HW
Quantity per pack (pcs.)	2	1	2	1	200	100
Weight (kg)	8,6	8,6	9,6	9,6	7,2	6
Absorption (l)	173	173	180	180	144	113
Water absorption	Yes	Yes	Yes	Yes	Yes	Yes
Number of layers	1	1	1	1	1	1
Type of layers	Unsmoothed	Unsmoothed	Unsmoothed	Unsmoothe	Unsmoothed	Unsmoothed



SOCK

CHEMICAL SORBENTS

- Quickly and effectively removes accidental spills and leaks of liquid chemicals, even the most aggressive acids and bases
- Thanks to its design, it can be freely shaped
- Used to protect work surfaces in laboratories, factories and warehouses from unexpected leakage of unknown and hazardous substances
- Restricts and absorbs spilled liquid around production machinery or in areas where hazardous material packaging is stored



Absorption by

EDANA

Certificates



Product code	146.240.400	146.240.401
Dimensions M*D (m)	0,075*1,20	0,075*3
Quantity per pack (pcs.)	20	8
Weight (kg)	8	8
Packaging absorption (l)	80	80
Water absorption	Yes	Yes



CUSHION

CHEMICAL SORBENTS

- Quickly and effectively removes accidental spills and spills of liquid chemicals, even the most aggressive ones
- Ideal for absorbing large spills from under machines and in tight, hard-to-reach areas
- Large surface area facilitates rapid absorption
- Used as a replacement element in containers that collect spills of unknown and hazardous substances from leaking valves and pipes



Absorption by

EDANA

Certificates



Product code	146.240.304
Dimensions M*D (m)	0,25*0,25
Quantity per pack (pcs.)	25
Weight (kg)	5
Packaging absorption (l)	89
Water absorption	Yes



MICROSORB FIRST

SORBENT INDUSTRY - FOR OIL ONLY

- Absorbs oil, oil and other petroleum products
- Used both indoors and outdoors to remove hydrocarbon leaks from under machinery, leaking containers and hydraulic lines
- It does not absorb water and is therefore ideal for use in the rain
- It is made as a non-smooth sorbent (MeltBlown)
- Designed for cleaning tight, hard-to-reach areas and floors
- Prevents hazards caused by spills of oil and other petroleum products on worktops and when operating containers
- Thanks to the perforation, we use as much as we need



DOES NOT ABSORB WATER



Absorption by

EDANA

Certificates



Type Microsorb First, 1-layer



1. MeltBlown layer

Product code	146.111.200	146.111.201	146.111.202	146.111.203	146.111.101	146.111.103
Dimensions S*D (m)	0,40*60	0,80*60	0,40*40	0,80*40	0,40*0,50	0,40*0,50
Density type	LW	LW	HW	HW	LW	HW
Quantity per pack (pcs.)	2	1	2	1	200	100
Weight (kg)	8,6	8,6	9,6	9,6	7,2	6
Absorption (l)	173	173	180	180	144	113
Water absorption (l)	Not	Not	Not	Not	Not	Not
Number of layers	1	1	1	1	1	1
Type of layers	Unsmoothe d	Unsmoothe d	Unsmoothed	Unsmoothe d	Unsmoothe d	Unsmoothe d



SOCKS

SORBENT INDUSTRY - FOR OIL ONLY

- Absorbs oil, oil and other petroleum products
- Used both indoors and outdoors to clean up spills hydrocarbons from under machinery, leaking containers and drums
- It does not absorb water and is therefore ideal for use in the rain
- Thanks to its design, it can be freely shaped
- Used to protect and contain spills and leaks in tight, hard-to-reach areas and on floors
- Reduces and prevents hazards caused by spills of oils, solvents on worktops and in the operation and storage of containers and drums



**DOES
NOT
ABSORB
WATER**



Absorption by

EDANA

Certificates



Product code	146.141.400	146.141.401	146.141.402
Dimensions S*D (m)	0,075*1,20	0,075*3	0,075*18
Quantity per pack (pcs.)	20	8	1
Weight (kg)	8	8	6
Packaging absorption (l)	80	80	60
Water absorption	Not	Not	Not



CUSHION

SORBENT INDUSTRY - FOR OIL ONLY

- Absorbs oil, oil and other petroleum products
- Used both indoors and outdoors for the removal of hydrocarbon spills
- It does not absorb water and is therefore ideal for use in the rain
- Ideal for absorbing large spills from under machines and in tight, hard-to-reach areas
- Large surface area facilitates rapid absorption
- Used as an interchangeable component in containers that collect spills of oils, coolants and other petroleum products from leaking valves and pipes



**DOES
NOT
ABSORB
WATER**



Absorption by

EDANA

Certificates



Product code	146.141.304
Dimensions S*D (m)	0,25*0,25
Quantity per pack (pcs.)	25
Weight (kg)	5
Packaging absorption (l)	89
Water absorption	Not



OIL BOOM

MARINE SORBENT - FOR OIL ONLY

- Absorbs oil, oil and other petroleum products
- Does not absorb water
- Absorbs up to 25 times its own weight to remove, contain and contain spills and leaks of petroleum products, on rivers, lakes, canals, pools, harbours, wharves and in treatment plants
- Even when fully saturated, it floats on the surface of the water
- It is made of a strong outer mesh that surrounds a sleeve filled with highly absorbent cut polypropylene in pieces of
- Individual dam sections can be linked together
- Removing the dam from the water is convenient and easy thanks to the nylon rope and robust construction



**DOES NOT
ABSORB
WATER**



Absorption by



Certificates



Product code	146.190.300	146.190.300	146.190.302
Dimensions S*D (m)	0,13*3	0,13*5	0,20*3
Weight (kg)	17,2	8,3	24,5
Quantity per pack (pcs.)	4	2	4
Apsorption (l)	180	169	300

PILLOW

MARINE SORBENT - FOR OIL ONLY

- Absorbs oil, oil and other petroleum products
- Does not absorb water
- Durable and robust
- Characterised by high absorbency and small dimensions
- Used for removal and containment of leaks and spillages of petroleum products, in small tanks, manholes, seacocks and also in the bilges of boats and tight spaces
- Even when fully saturated, it floats on the surface of the water
- They are made from a strong outer mesh that surrounds a highly absorbent, finely cut polypropylene
- Removing the cushion from the water is convenient and easy thanks to the steel handle

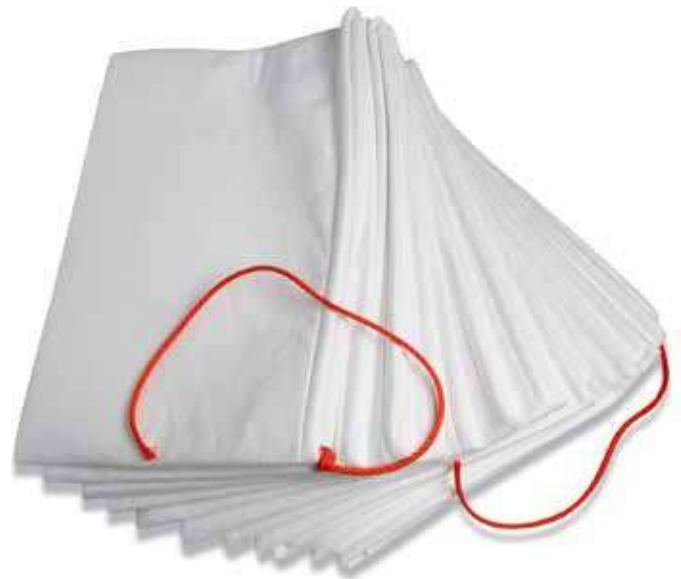


146.140.600

RIBON

MARINE SORBENT - FOR OIL ONLY

- Absorbs oil, oil and other petroleum products
- Does not absorb water
- Absorbs up to 25 times its own weight
- Used to remove the oil film from the water surface and as a dam booster to minimise the spreading of oil
- Even when fully saturated, it floats on the surface of the water
- It is made as a double-layered sorbent, with a reinforced layer on one side and a smoothed layer on the other.
- Removing the ribbon from the water is convenient and easy thanks to the robust nylon strap



146.190.400

Absorption by

Certificates

EDANA



Product code	146.140.600	146.190.400
Dimensions S*D (m)	0,20*0,45	0,48*15
Weight (kg)	10	12
Quantity per pack (pcs.)	10 pcs.	4
Packaging absorption (l)	145	158



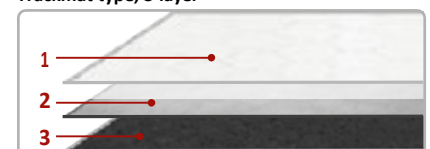
TRACKMAT

MARINE SORBENT - FOR OIL ONLY

- Absorbs oil, oil and other petroleum products
- Does not absorb water
- Made as a three-layer sorbent (impermeable, anti-slip bottom layer, extra reinforced top layer, working inner layer)
- Ideal for high traffic areas and walkways that always need to be dry, clean and slip-free
- Indoor use for securing traffic routes, stopping leaks from under machines, leaking containers and hydraulic lines, and spills that threaten the safety of workplaces
- The non-slip, impermeable film layer provides excellent adhesion of the mat to the substrate and protects it from contamination by leaking liquids, for best results clean the floor before use
- Compressed polypropylene honeycomb fibres provide abrasion resistance and are ideal for high traffic areas



Trackmat type, 3-layer



1. Top layer extra reinforced
2. Inner layer
3. Impermeable, non-slip base layer

Product code	146.132.100	146.132.200	146.132.201	146.132.202	146.132.203
Dimensions S*D (m)	0,40*0,50	0,40*30	0,80*30	1,20*30	1,60*30
Density type	HW	HW	HW	HW	HW
Weight (kg)	4,6	10,9	10,9	16,4	21,9
Quantity per pack (pcs.)	50	2	1	1	1
Absorption (l)	43	103	103	154	205
Water absorption	Not	Not	Not	Not	Not
Number of layers	3	3	3	3	3
Type of layers	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free	Impermeable, smooth and dust-free

KADDIE MOBILE KITS, 56 L

They provide immediate access to sorbents of various shapes, which essentially determines the success of a hazardous liquid spill clean-up operation. The shape of the container and the arrangement of the sorbents inside allows quick access to sleeves, mats and pads without having to remove other sorbents. The kits are available with sorbents to absorb a variety of liquids from industrial liquids to petroleum-based liquids to chemically aggressive products.

1x
BAG FOR HAZARDOUS WASTE

1x
PROTECTIVE GOGGLES

5x
SORBENT SOCK 0.075*1.2 M

Ideal for stopping and containing leaks from under machines, leaking containers, drums and hydraulic lines.

1x
KADDY'S BOX

The kit's container is fitted with a special handle that allows a padlock to be fitted.

1x
MASK

1x
NITRILE GLOVES

1x
LIGHT PROTECTIVE SUIT

25x
SORBENT MAT 0.4*0.5 M

Ideal for removing spillages that threaten safety on workstations.

5x
SORBENT CUSHION 0.25*0.25

Ideal for absorbing large spills from under machines and in tight, hard-to-reach areas.



UNIVERSAL SORBENTS

It absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals.

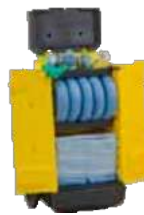
Product code 146.400.100

COMPOSITION OF THE KIT

Type	Quantity	Product code
Kaddie container (empty)	1	197.100.100
Sorbent mat, 0.4*0.5 m, absorption 144 l	25	146.310.101
Sorbent sleeve, 0.075*1.2 m, absorption 80 l	5	146.340.400
Pillow sorbent, 0.25*0.25 m, absorption capacity 89 l	5	146.340.304
Safety goggles	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Bag for non-hazardous waste	1	197.100.113
Lightweight protective suit	1	120.200.400
Profile2 mask	1	114.100.207



DOES NOT ABSORB WATER



SORBENTS INDUSTRY - FOR OIL ONLY

Absorbs oils, oil and other petroleum products. **Does not absorb water.**

Product code 146.400.200

COMPOSITION OF THE KIT

Type	Quantity	Product code
Kaddie container (empty)	1	197.100.100
Sorbent mat, 0.4*0.5 m, absorption 144 l	25	146.111.101
Sorbent sleeve, 0.075*1.2 m, absorption 80 l	5	146.141.400
Pillow sorbent, 0.25*0.25 m, absorption capacity 89 l	5	146.141.304
Safety goggles	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Bag for non-hazardous waste	1	197.100.113
Lightweight protective suit	1	120.200.400
Profile2 mask	1	114.100.207



CHEMICAL SORBENTS

It absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals.

Product code 146.400.300

COMPOSITION OF THE KIT

Type	Quantity	Product code
Kaddie container (empty)	1	197.100.100
Sorbent mat, 0.4*0.5 m, absorption 144 l	25	146.210.101
Sorbent sleeve, 0.075*1.2 m, absorption 80 l	5	146.240.400
Pillow sorbent, 0.25*0.25 m, absorption capacity 89 l	5	146.240.304
Safety goggles	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Bag for non-hazardous waste	1	197.100.113
Lightweight protective suit	1	120.200.400
Profile2 mask	1	114.100.207

UNIVERSAL SORBENT KITS

They provide immediate access to shaped sorbents, which is crucial to the success of a hazardous liquid spill clean-up operation. They absorb water, oils, industrial liquids, products petroleum-based and non-aggressive chemicals. Each mobile set is fitted with wheels to enable the container to be moved quickly from place to place.

WHEELY CONTAINER

Polyethylene container equipped with wheels for quick and easy transport. from place to place.

SORBENT CUSHION 89 L

Ideal for absorbing large spills from under machines and in tight, hard-to-reach areas.

SORBENT SOCKS 0.075*1.2 M

Ideal for stopping and restricting leaks from under machines, leaking containers, drums and hydraulic lines.

SORBENT SOCKS 0.075*3 M

Ideal for securing communication routes.

SORBENT MAT 0.4*0.5 M

Ideal for absorbing safety-critical spillages at workplaces.

MASK

PROTECTIVE GOGGLES

LIGHT PROTECTIVE SUIT

NITRILE GLOVES

BAG FOR HAZARDOUS WASTE



		MWP 120	MWP 240	MWP 360
	Product code	146.410.100	146.411.100	146.412.100
Wheely container 120 (empty) (pcs.)	197.100.109	1	-	-
Wheely 240 container (empty) (pcs.)	197.100.110	-	1	-
Wheely 360 container (empty) (pcs.)	197.100.111	-	-	1
Universal sorbent, LW mat 0.4*0.5 m, 144 l (200), Microsorb First (pcs.)	146.310.101	50	125	200
Universal sorbent, socks 0.075*1.2 m, 80 l (20), Microsorb Flocks (pcs.)	146.340.400	6	12	20
Universal sorbent, socks 0.075*3 m, 80 l (8), Microsorb Flocks (pcs.)	146.340.401	2	4	8
Universal sorbent, cushion 0.25*0.25 m, 89 l (25), Microsorb Flocks (pcs.)	146.340.304	9	15	25
Safety goggles (pcs.)	197.100.128	1	2	3
Protective gloves (pcs.)	196.100.301	1	2	3
Bag for hazardous waste (yellow) (pcs.)	197.100.113	3	6	9
MicroMAX NS lightweight protective suit, Type 5, 6, white, XL (pcs.)	120.200.400	1	2	3
Profile2 half mask, 2 PRO2 ABEK1P3 filters, size M/L, ReadyPak (pcs.)	114.100.207	1	2	3

CHEMICAL SORBENT KITS

They provide immediate access to sorbents of varying shapes, which makes a crucial difference to the success of hazardous liquid spill clean-up operations. They absorb all types of liquids, even the most aggressive chemicals.

WHEELY CONTAINER

Polyethylene container equipped with wheels for quick and easy transport. from place to place.

SORBENT CUSHION 89 L

Ideal for absorbing large spills from under machines and in tight, hard-to-reach areas.

SORBENT SOCKS 0.075*1.2 M

Ideal for stopping and restricting leaks from under machines, leaking containers, drums and hydraulic lines.

SORBENT SOCKS 0.075*3 M

Ideal for securing communal routes.

SORBENT MAT 0.4*0.5 M

Ideal for absorbing safety-critical spills at workplaces.

MASK

GOGGLES

LIGHT PROTECTIVE SUIT

NITRILE GLOVES

BAG FOR HAZARDOUS WASTE



		MWU 120	MWU 240	MWU 360
	Set code	146.410.300	146.411.300	146.412.300
Wheely bin 120 (empty) (pcs.)	197.100.109	1	-	-
Wheely 240 container (empty) (pcs.)	197.100.110	-	1	-
Wheely 360 container (empty) (pcs.)	197.100.111	-	-	1
Chemical sorbent, LW mat 0.4*0.5 m, 144 l (200), Microsorb First (pcs.)	146.210.101	50	125	200
Chemical sorbent, socks 0.075*1.2 m, 80 l (20), Microsorb Flocks (pcs.)	146.240.400	6	12	20
Chemical sorbent, socks 0.075*3 m, 80 l (8), Microsorb Flocks (pcs.)	146.240.401	2	4	8
Chemical sorbent, cushion 0.25*0.25 m, 89 l (25), Microsorb Flocks (pcs.)	146.240.304	9	15	25
Safety goggles (pcs.)	197.100.128	1	2	3
Protective gloves (pcs.)	196.100.301	1	2	3
Bag for hazardous waste (yellow) (pcs.)	197.100.113	3	6	9
TomteX lightweight protective suit, Type 3, 4, green, XL (pcs.)	120.400.400	1	2	3
Profile2 half mask, 2 PRO2 ABEK1P3 filters, size M/L, ReadyPakyPak (pcs.)	114.100.207	1	2	3

SORBENT KITS FOR OIL ONLY

They provide immediate access to sorbents of varying shapes, which makes a crucial difference to the success of hazardous liquid spill clean-up operations. Absorb oils, industrial fluids, petroleum products and non-aggressive chemicals.



**NO
WATER
CONSU**

WHEELY

CONTAINER

Polyethylene container equipped with wheels for quick and easy transport. from place to place.

SORBENT CUSHION 89 L

Ideal for absorbing large spills from under machines and in tight, hard-to-reach areas.

SORBENT SLEEVE 0.075*1.2 M

Ideal for stopping and restricting leaks from under machines, leaking containers, drums and hydraulic lines.

SORBENT SOCKS 0.075*3 M

Ideal for securing communication routes.

SORBENT MAT 0.4*0.5 M

Ideal for absorbing safety-critical spillages at workplaces.



HALF MASK

GOGGLES

LIGHT PROTECTIVE SUIT

NITRILE GLOVES

BAG FOR HAZARDOUS WASTE



		MWO 120	MWO 240	MWO 360
	Set code	146.410.200	146.411.200	146.412.200
Wheely container 120 (empty) (pcs.)	197.100.109	1	-	-
Wheely 240 container (empty) (pcs.)	197.100.110	-	1	-
Wheely 360 container (empty) (pcs.)	197.100.111	-	-	1
Industry oil-only sorbent, LW mat 0.4*0.5 m, 144 l (200), Microsorb First (pcs.)	146.111.101	50	125	200
Industry oil-only sorbent, socks 0.075*1.2 m, 80 l (20), Microsorb Flocks (pcs.)	146.141.400	6	12	20
Industry oil-only sorbent, socks 0.075*3 m, 80 l (8), Microsorb Flocks (pcs.)	146.141.401	2	4	8
Sorbent Sorbent for Industry oil only, cushion 0.25*0.25 m, 89 l (25), Microsorb Floks (pcs.)	146.141.304	9	15	25
Safety goggles (pcs.)	197.100.128	1	2	3
Protective gloves (pcs.)	196.100.301	1	2	3
Bag for hazardous waste (yellow) (pcs.)	197.100.113	3	6	9
MicroMAX NS lightweight protective suit, Type 5, 6, white, XL (pcs.)	120.200.400	1	2	3
Profile2 half mask, 2 PRO2 ABEK1P3 filters, size M/L, ReadyPak (pcs.)	114.100.207	1	2	3

ADR KIT, 22 L

Thanks to its ergonomic shape and small dimensions, the kit takes up little space and fits easily behind the seat in the truck, enabling a quick response to small spills, so common for truck drivers. Kits

ADR sorbents are available in three colour-coded versions: grey - universal sorbents, yellow - chemical sorbents, blue - sorbents for Industry oil only.

1x
PROTECTIVE GOGGLES

1x
BAG FOR HAZARDOUS WASTE

1x
PVC BAG

2x
SORBENT SOCKS
0,075*1,2 M

Ideal for stopping and restricting leaks from under machinery, leaking containers, drums and hydraulic lines.

1x
MASK

1x
NITRILE GLOVES

20x
SORBENT MAT 0.4*0.5 M

Ideal for removing spillages that threaten safety on workstations.



UNIVERSAL SORBENTS

It absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals.

Product code 146.440.100



COMPOSITION OF THE KIT

Type	Quantity	Product code
PVC sewn bag	1	197.100.107
Sorbent, mat 0.4*0.5 m	20	146.310.101
Sorbent, sleeve 0.075*1.2 m	2	146.340.400
Safety goggles (pcs.)	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Sack for hazardous waste	1	197.100.113
Lightweight protective suit	1	120.200.400
Protective disposable half mask, exhaust valve	1	119.100.700

SORBENTS FOR OIL ONLY

Absorbs oils, oil and other petroleum products. **Does not absorb water.**

Product code 146.440.200



COMPOSITION OF THE KIT

Type	Quantity	Product code
PVC sewn bag	1	197.100.107
Sorbent, mat 0.4*0.5 m	20	146.111.101
Sorbent, sleeve 0.075*1.2 m	2	146.141.400
Safety goggles (pcs.)	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Sack for hazardous waste	1	197.100.113
Lightweight protective suit	1	120.200.400
Protective disposable half mask, exhaust valve	1	119.100.700

CHEMICAL SORBENTS

It absorbs all types of liquids, even the most aggressive chemicals.

Product code 146.440.300



COMPOSITION OF THE KIT

Type	Quantity	Product code
PVC sewn bag	1	197.100.107
Sorbent, mat 0.4*0.5 m	20	146.210.101
Sorbent, sleeve 0.075*1.2 m	2	146.240.400
Safety goggles (pcs.)	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Sack for hazardous waste	1	197.100.113
Lightweight protective suit	1	120.200.400
Protective disposable half mask, exhaust valve	1	119.100.700

STORAGE KITS, 81 L

They are indispensable in areas of frequent leakage, laboratories, service vehicles, boats and production halls and in warehouses. The entire set is housed in a sealed container. Due to its small size and low weight, the container is very convenient to carry and takes up very little space. If the sorbents are used up, a refillable sorbent kit can be ordered instead of a new STORAGE sorbent kit. Allows

This saves on container costs. In addition, the container is ideally suited as a waste container once all the sorbents have been used.



1x
STORAGE CONTAINER

The kit's container is fitted with a special handle that allows a padlock to be fitted.

1x
MASK

1x
NITRILE GLOVES

6x
SORBENT CUSHION
0.25X0.25 M

6x
SORBENT SOCKS
0,075*1,2 M

50x
SORBENT MAT 0.4*0.5 M

Ideal for stopping and restricting leaks from under machinery, leaking containers, drums and hydraulic lines.

Ideal for removing spillages that threaten safety on workstations.

UNIVERSAL SORBENTS

It absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals.

Product code 146.420.100



COMPOSITION OF THE KIT

Type	Quantity	Product code
STORAGE container 110 l (empty)	1	121.300.112
Sorbent, mat 0.4*0.5 m	50	146.310.101
Sorbent, sleeve 0.075*1.2 m	6	146.340.400
Sorbent only, cushion 0.25*0.25 m	6	146.340.304
Safety goggles (pcs.)	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Sack for hazardous waste with self-locking clamp	1	197.100.113
Protective suit	1	120.200.400
Profile2 half mask set, size M/L + combined filter ABEK1P3	1	114.100.207

SORBENTS FOR OIL ONLY

Absorbs oils, oil and other petroleum products. **Does not absorb water.**

Product code 146.420.200



DOES NOT ABSORB WATER

COMPOSITION OF THE KIT

Type	Quantity	Product code
STORAGE container 110 l (empty)	1	121.300.112
Sorbent, mat 0.4*0.5 m	50	146.111.101
Sorbent, sleeve 0.075*1.2 m	6	146.141.400
Sorbent only, cushion 0.25*0.25 m	6	146.141.304
Safety goggles (pcs.)	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Sack for hazardous waste with self-locking clamp	1	197.100.113
Protective suit	1	120.200.400
Protective half mask set Profile2, size M/L + filter respirator ABEK1P3	1	114.100.207

CHEMICAL SORBENTS

It absorbs all types of liquids, even the most aggressive chemicals.

Product code 146.420.300



COMPOSITION OF THE KIT

Type	Quantity	Product code
STORAGE container 110 l (empty)	1	121.300.112
Sorbent, mat 0.4*0.5 m	50	146.210.101
Sorbent, sleeve 0.075*1.2 m	6	146.240.400
Sorbent only, cushion 0.25*0.25 m	6	146.240.304
Safety goggles (pcs.)	1	197.100.128
Protective gloves (pcs.)	1	196.100.301
Sack for hazardous waste with self-locking clamp	1	197.100.113
Protective suit	1	120.200.400
Protective half mask set Profile2, size M/L + filter respirator ABEK1P3	1	114.100.207

LABPACK KIT, 66 L

Indispensable in areas of frequent leakage, service vehicles, boats and production halls and warehouses. The entire set is housed in an economical container.

1x
SAFETY CONTAINER
CO

1x
BAG FOR
HAZARDOUS WASTE

1x
NITRILE GLOVES

5x
SORBENT CUSHION
0,25*0,25 M

5x
SORBENT
SOCKS 0,075*1,2

40x
SORBENT MAT 0.4*0.5 M



UNIVERSAL SORBENTS

It absorbs water, oils, industrial fluids, petroleum products and non-aggressive chemicals.

Product code 146.491.100



COMPOSITION OF THE KIT

Type	Quantity	Product code
LabPack safety container, polyethylene, 76 l, yellow	1	104.206.867
Sorbent, mat 0.4*0.5 m	40	146.310.101
Sorbent, socks 0.075*1.2 m	5	146.340.400
Sorbent, cushion 0.25*0.25 m	5	146.340.304
Bag for hazardous waste, small 60 l (yellow)	1	197.100.118
Protective gloves (pcs.)	1	196.100.301

SORBENTS FOR OIL ONLY

Absorbs oils, oil and other petroleum products.

It does not absorb water.

Product code 146.491.200



COMPOSITION OF THE KIT

Type	Quantity	Product code
LabPack safety container, polyethylene, 76 l, yellow	1	104.206.867
Sorbent, mat 0.4*0.5 m	40	146.111.101
Sorbent, socks 0.075*1.2 m	5	146.141.400
Sorbent, cushion 0.25*0.25 m	5	146.141.304
Bag for hazardous waste, small 60 l (yellow)	1	197.100.118
Protective gloves (pcs.)	1	196.100.301

CHEMICAL SORBENTS

It absorbs all types of liquids, even the most aggressive chemicals.

Product code 146.491.300



COMPOSITION OF THE KIT

Type	Quantity	Product code
LabPack safety container, polyethylene, 76 l, yellow	1	104.206.867
Sorbent, mat 0.4*0.5 m	40	146.210.101
Sorbent, socks 0.075*1.2 m	5	146.240.400
Sorbent, cushion 0.25*0.25 m	5	146.240.304
Bag for hazardous waste, small 60 l (yellow)	1	197.100.118
Protective gloves (pcs.)	1	196.100.301



AQUAQUICK 2000

DEGREASING FLUID, CONCENTRATE, 10 L

- A clean, safe and 100% environmentally friendly way to remove oil, oil and grease.
- Colourless, highly concentrated liquid. Depending on the method of use, requires a dilution with water of at least 1:50 (cold water, low feed pressure) up to 1:350 (hot water and/or high feed pressure).
- It washes off and degreases the road surface extremely quickly thanks to the permanent emulsification of oil particles, oil with water particles and Aquaquick 2000 without damaging it.
- It is a multifunctional degreaser suitable for all hydrocarbon combinations.
- It shows no aggression to metals, plastics or other types of coatings.
- 100% eco-friendly and biodegradable contains only natural ingredients - no alkaloids, chlorides, solvents.
- Safe to use, even inhalation of its vapours produced as a result of hot water or high pressure is harmless.



Certificates



Product code	118.100.312
Capacity (l)	10

SUPERIOR SPECIAL

ABSO'NET SUPERIOR SPECIAL - ABSO'NET POWERFUL SORBENT, MINERAL GRANULATES, 20 kg

- Mineral sorbent with high absorption capacity and versatile action for all types of spills such as hydrocarbons, organic solvents, aqueous suspensions, acid and alkaline compounds.
- Designed for use in demanding industrial sectors and specialised, and in conditions that require high levels of quality and safety, e.g. on roads or where there is ground movement in traffic areas.
- Thanks to the high-temperature production process, the granules remain firm even after soaking and permanently retain the absorbed liquid.
- The sorbent is in granular form and is characterised by extremely high sorption properties.
- Prevents harmful substances from penetrating deep into the soil profile.
- It has an unlimited shelf life.
- It leaves no residue on the cleaned surface.
- Surfaces after using the sorbent are safe, clean, dry and ready for vehicle traffic after the spill has been absorbed
- After absorption of the liquid, the sorbent does not decompose
- Free of chemical additives, not modified
- Resistant to abrasion when subjected to mechanical stress
- Very low dust emissions
- Good performance in absorbing acids, including strong acids
- Lightweight product, easy to transport and use
- Fireproof
- CNBOP approved



115.200.200

Certificates



ABSORPTION CAPACITY (% BY WEIGHT) ACCORDING TO THE GERMAN MPA METHOD	
According to the German MPA method	
Oil absorption	82 %
ABSORPTION CAPACITY (% BY WEIGHT) ACCORDING TO AFNOR NF T 90-361	
Water	150%
Hydrocarbons	150%
Bag 20 absorbs	≈ 37l diesel

Product code	115.200.200
Appearance	Fine cream-coloured granules
Raw material	Limestone atapulgit
Density by weight	500 g/l
PH	9±0,5
Moisture content (%)	2,7±1
Storage conditions	Store away from moisture
Sustainability	5 years from date of production in original sealed packaging



Sorbent containers

CLASSIC XTRA

SORBENT, MINERAL GRANULATES, 20 kg

- Free-flowing sorbent, made from 100% natural minerals (no chemical additives, no modification), in the form of light cream-coloured granules, with very low dust emission
- Fireproof
- Harmless to humans, animals and plants.
- Resistant to abrasion when subjected to mechanical stress
- Once the liquid is absorbed, it does not decompose
- Produced from a finely ground mineral called sepiolite, during a high temperature activation process
- For the removal of all types of spills, from industrial liquids, aqueous suspensions, through hydrocarbons (oil, petrol, oils), organic solvents, to acids and alkaline compounds
- It has excellent absorption and mechanical properties
- Designed for use both indoors and outdoors to clean up spills on roads, manoeuvring yards, from under machinery, equipment, leaking containers and barrels. After using the sorbent and absorbing the spilled liquid, surfaces are safe



Certificates



Product code	115.202.300
Appearance	Light grey fine granules
Raw material	Sepolite
Density by weight	600 g/l
Moisture content (%)	8±1
Storage conditions	Store away from moisture
Sustainability	5 years from date of production in original sealed packaging



Sorbent containers

CLASSIC XTRA (SEPOLITE)

LOOSE MINERAL GRANULATE SORBENT, 11 LITRE BUCKET

- Free-flowing sorbent, 100% made of natural minerals (no chemical additives, no modification), in the form of light cream-coloured granules, with very low dust emission
- Fireproof
- Harmless to humans, animals and plants.
- Resistant to abrasion when subjected to mechanical stress
- Once the liquid is absorbed, it does not decompose
- Produced from a finely ground mineral called sepiolite, during a high temperature activation process
- For the removal of all types of spills, from industrial liquids, aqueous suspensions, through hydrocarbons (oil, petrol, oils), organic solvents, to acids and alkaline compounds.
- It has excellent absorption and mechanical properties
- It is designed for use both indoors and outdoors to clean up spills on roads, manoeuvring yards, from under machinery, equipment, leaking containers and barrels. After using the sorbent and absorbing the spilled liquid surfaces are safe



Certificates



Product code	115.202.303
Appearance	Light grey fine granules
Raw material	Sepolite
Density by weight	600 g/l
Moisture content (%)	8±1
Storage conditions	Store away from moisture
Sustainability	5 years from date of production in original sealed packaging

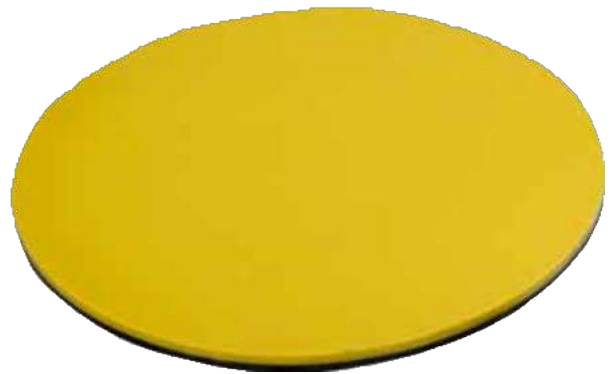


Sorbent containers



DRAIN COVER

- It is indispensable in stopping leaks and spills from entering manholes.
- It is characterised by its unique construction, which consists of a highly durable, highly visible yellow layer top layer, which is resistant to frequent use and abrasion, and a viscous bottom layer that thoroughly seals the opening of manholes (sewer, drain or other).
- The DrainCover drain (sewer) manhole cover is made of chemical-resistant polyurethane, which is impervious to water, oil and many other chemicals.
- It is extremely flexible, adapts to uneven surfaces and creates a temporary, leak-proof protection for manholes.
- In addition, it is reusable.
- Warm soapy water is all that is needed to keep it clean.
- Depending on the size of the manhole opening, a cover of an appropriate size should be used so that it extends beyond the manhole opening by at least 75 mm on each side.



Product code	128.100.101	128.100.100	128.100.102	128.100.103	128.100.105	128.100.106	128.100.104	128.100.112
Dimensions S*D (cm)	40x40	46x46	60x60	80x80	100x100	120x120	152x46	45

SPILL BLOCKER

- Made of high-quality flexible polyurethane elastomer with high mechanical and chemical resistance to most chemicals
- It is used to contain and protect particularly protected areas from the ingress of hazardous spills and leaks, particularly of drainage and sewerage manholes and drinking water intakes
- It is used wherever hazardous substances are stored, even the most chemically aggressive ones
- Ideal as a safety feature on fire engines and other technical and inspection services
- Extremely robust and reusable product, provides protection for many years
- Ensures user safety and environmental protection
- It is irreplaceable in stopping spills and leaks
- Features a unique tight-fitting design
- It is impervious to water, oil and many other chemicals
- Reusable product



Product code	128.200.100	128.200.101
Dimensions D*S*W (cm)	200*5*4,5	300*10*7

STRAP FOR DRUM

- Designed for rapid sealing of drums of various capacities.
- They reduce the amount of damage to the environment and the costs of subsequent clean-up and disposal of the materials used.
- Suitable for steel and plastic drums
- Resistant to oils and almost all acids and bases
- Quick and easy installation



Product code	128.300.100
Dimensions S*D (cm)	30*18



LEAK DIVERTER

FLEXIBLE, PVC, DRAINAGE

- Durable puncture resistant made of PVC coated material
- Designed to collect and discharge into containers or drains run-off water from the roof or from suspended pipework
- A simple and cost-effective way to quickly provide protection for employees, equipment and assets.
- An ordinary garden hose is connected to the connector of the sheet, with which the water can be drained to a safe place
- Flow rate 12.5 l/min
- Offered with strong magnets for suspension under structural steel beams or wheels for suspension by ropes or straps
- Protruding corner lashings facilitate quick and easy attachment.



Drainage of dripping water from the roof or pipelines protects machinery and equipment

Product code (wheels)	104.708.100	104.708.102	104.708.104	104.708.106	104.708.108	104.708.109
Product code (magnets)	104.708.101	104.708.103	104.708.105	104.708.107	-	-
Dimensions when unfolded S*D*W (m)	1,5*1,5	2,1*2,1	3,0*3,0	3,7*3,7	4,6*4,6	6,1*6,1
Dimensions after folding S*D*W (mm)	457*305*51	457*406*102	457*406*152	457*406*152	457*406*254	457*406*356
Weight (kg)	3,2	4,5	6,8	10,4	15,9	29,5

UNIKART CONTAINER

MOBILE CONTAINER FOR BULK MATERIALS

- Rainproof with a wide range of applications (gravel, salt, sand, sorbents, fertilisers, animal feed, gardening materials, coal/firewood, etc.).
- Designed for indoor or outdoor use and storage
- Key features of the trolley include its small size and compact design, rubber wheels and a sloping lid to facilitate rainwater drainage
- It has an ergonomic handle
- The side parts are used to push the trolley and the middle part to pull it
- The excellent balance makes it easy to manoeuvre and the width of the trolley makes it possible to pass through doors designed for pedestrian traffic
- Easy to keep clean and its design allows multiple trolleys to be stacked vertically for easy transport
- Made of chemical-resistant PE. 100% recyclable.



Product code	121.350.100	121.350.200	121.350.300
Height (mm)	1070	1070	1070
Width (mm)	590	590	590
Depth (mm)	435	435	435
Weight (kg)	11	11	11
Capacity (l)	75	75	75

WHEELY CONTAINER

CONTAINER ON WHEELS

- Designed for the storage of loose sorbent, gravel, sand and salt
- Polyethylene container fitted with wheels to enable the container to be moved quickly from place to place
- Airtight lid to protect contents from contamination
- The yellow colour makes it easy to identify the contents quickly



Product code	197.100.109	197.100.110	197.100.111
Capacity (l)	120	240	360
Height (mm)	940	1060	1080
Width (mm)	480	575	580
Depth (mm)	540	730	875

SAFETY BATTERY

Storage



SAFETY CABINET FOR STORING LITHIUM BATTERIES



- Provides the optimum solution for storing lithium-ion batteries, ensuring the highest possible fire protection from the inside and the outside, among other things using the integrated reverse flame draw protection function.
- Equipped with an integrated holding system door, which allows convenient operation of the find-of the batteries in the battery cabinet.
- In the event of a fire - whether inside or outside the enclosure - the thermocouple automatically initiates the shutdown. the door and locks it to protect against the back draught of flames.
- After the door is automatically closed and locked in the event of fire, e.g. due to spontaneous ignition of acumu- lithium-ion batteries, unlocking the doors is only possible by authorised specialists.
- There are openings on each level of the cupboard shelves, through which the heated air is discharged to the Outside.
- The optional Smart Con- trol control system and the Cabi2Net function work with sensors temperature and provide early detection and signalling of thermal anomalies inside the enclosure.
- Shelves, lower trays and inserts made of perforated sheet metal wy- are made of sheet steel.
- Certifications MPA / TÜV SÜD, Standards EN 14470-1, EN 16121, EN 16122, DIN 31000 and IEC 61439, CE marking



DESCRIPTION	Dimensions (W × D × H)	Storage levels	Weight appro x. kg	Product code
Standard XL, 90 min	1195 × 612× 2045 mm	4	520	162.460.100
Standard XL, baffled	1195 × 612× 2045 mm	4	560	162.460.101
Standard M	594 × 612× 2045 mm	4	220	162.460.102
Standard XS	1195 × 612× 1385 mm	3	390	162.460.103
Standard S	594 × 612× 1385 mm	3	220	162.460.104

SAFETY CABINET FOR STORING AND CHARGING LITHIUM BATTERIES

FIRE RESISTANCE

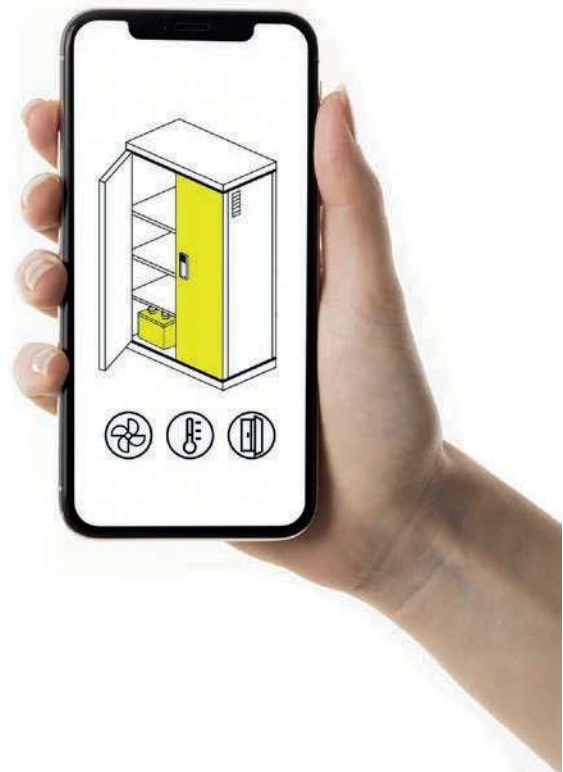


- Specifically designed for the safe storage and charging of lithium-ion batteries.
- In addition to superior indoor and outdoor fire protection and protection against reverse flame draft, the station version cabinets are equipped with a fused power supply for charging the batteries.
- Shelves, lower trays and inserts in perforated sheet metal are made of sheet steel.
- BATTERY station: there are 4 power sockets on each level, forming a protected fuse. The battery charging installation is ready to use.
- Swing door made of sheet steel, painted powder-coated.
- Equipped with an integrated door hold system for convenient operation.

- In the event of a fire - whether inside or outside the enclosure - the thermocouple automatically initiates a fire. it closes the door and locks it to protect against the reverse flame draft.
- After automatic closing and locking of the door in the event of fire, e.g. due to spontaneous combustion- nu lithium-ion batteries, unlocking the doors is only possible by authorised specialists.
- On each level of the wardrobe's shelves, there are openings in the The air is heated by a heat exchanger through which the heated air is discharged. ne outdoors.
- The optional Smart Control system and the Cabi2Net function work together with the sensor- temperature sensors and ensures early detection and signalling of thermal anomalies in the enclosure interior.
- Certificates MPA / TUV SUD, Standards EN 14470-1, EN 16121, EN 16122, DIN 31000 and IEC 61439, CE mark

DESCRIPTION	External dimensions cm (L x D x H)	Number sockets	Levels storage	Weight kg	Code product
Standard XL Charger, 90 min	1195 x 612x 2085 mm	16	4	540	164.460.400
Standard XL Charger, baffle, 90 min	1195 x 612x 2085 mm	32	4	550	164.460.401
Standard L Charger, 90 min	894 x 612x 2085 mm	16	4	403	164.460.402
Standard M Charger, 90 min	594 x 612x 2085 mm	8	4	320	164.460.403
Standard S Charger, 90 min	594 x 612x 1385 mm	8	3	230	164.460.404

SMART CONTROL -INTELLIGENT CONTROL SYSTEM



The use of lithium-ion batteries involves risks that are difficult to assess. In addition to fireproof means of storing accumulators, another important safety factor is the use of an automatic signalling system.

Smart Control is an intelligent control and user-assistance system with a touchscreen and sensors to create a comprehensive security system. Smart Control is an intelligent control and user-assistance system with a touchscreen and sensors, allowing the creation of a comprehensive security system.

Risk prevention and damage limitation using Smart Control and temperature sensors:

- Early detection of thermal anomalies inside the safety cabinet is achieved by means of temperature monitoring and the setting of threshold values for signalling, e.g. value 1 - warning, value 2 - alarm.
- A door-opening sensor ensures that the door is properly closed in accordance with the standard DIN EN 14470-1.
- Continuous monitoring (24/7) of industrial ventilation to guarantee energy dissipation heat generated in the charging process.

- Fault signalling and data memory for logging and intelligent problem-oriented information. mach via push messages or SMS, e.g. to the fire brigade or ra- township control centre.
- Digital and analogue outputs and volt-free contacts. for the connection of audible signalling alarm and warning lights.
- Intelligent system available as a network solution Cabi2Net, including, among others, connections to networks and databases via secure communication protocols, e.g. OPC UA or MQTT.
- Different ways of displaying information using using a touchscreen, smartphone app or web browser.

CHARGING CABINET FOR BATTERIES



Charging lithium batteries requires the use of fire protection. Ensuring access to the correct safety equipment can minimise the effects of ignition of these energy storage devices, thereby significantly increasing operational safety.

- charging several lithium batteries in one cabinet
- early indication of damage
- all safety rules concerning loading
The lithium battery specifications are complied with
- a solution that ideally separates batteries from other storage resources during the process charging

Characteristics:

- MPA approved for 60-minute resistance to fire transmission from the inside to the outside. in accordance with DIN EN 1363-1
- actual fire test of the batteries carried out by an independent institute
- cabinet made using non-flammable and fire-resistant materials
- special fire seals prevent flames escaping from the enclosure
- double-leaf lockable door with heavy-duty lock and fasteners
- door painted in RAL 2004 orange; body in RAL 7035 grey

Various charging options:

- dissipation of heat by the fan during the curing process
- power supply via a 4-socket power strip (3500 W, 16 A)
- opening the door interrupts charging
- Charging is stopped if the -
ccident or damage
- vents are closed by thermocouples

Tested, fireproof cable duct for connection to e.g. the company's fire alarm system.

Description

Product code

Description	Product code
Storage	Smoke alarm (without power or ventilation connection) 131.612.100
Loading Basic	Smoke alarm, power supply inside the enclosure, mechanical ventilation, disconnection of power supply in the event of an increase in temperature, door contact switch 131.612.101
Premium charging	In addition to the Basic version: alarm system, disconnection of the power supply also in the event of the emergence of smoke, smoke detector with relay output for alarm signal 131.612.102
Charging Premium Plus	In addition to the Premium version: remote alarm signalling and data transmission via SIM card; additional remote access functions 131.612.103

FIREPROOF WAREHOUSE

REI120 CLASSIC



**OTHER STORAGE
DIMENSIONS AVAILABLE.**

- Designed for the safe storage of batteries and accumulators.
- It provides effective protection against the effects of fires inside or outside the container.
- Steel construction with fire-resistant thermal insulation (90 min).
- Assembly of the warehouse is possible indoors or outdoors, as well as in production halls, without the need to install the warehouse. the need to maintain safe distances.
- Door with stable open position.
- Doors and all air intakes and ventilation, in the event of fire, self-closing and seal.
- The floor of the warehouse is made of 5 mm welded sheet steel in the WZ2.2 airtightness, tested in accordance with EN ISO3452-1, with removable steel skins.
- With the appropriate accessory options, the (doors, fans, lighting, heating, The warehouse can be adapted to suit your needs, to enable 60 l or 200 l drums to be used efficiently and to store containers of different sizes and shapes.
- Meets Dibt requirements, fire resistance 120 min- in accordance with REI120, CE mark.

FIRE RESISTANCE
120
MINUTES



External dimensions
cm (L × D × H)

Internal dimensions cm
(L × D × H)

Capture volume

Max. load on
trusses:

Product
code

217 × 250 × 244

192 × 210 × 212

600

1500

124.602.340

PLASTIC CONTAINER FOR USED BATTERIES



Optimum storage and transport system

- UN-approved storage and transport system for dangerous goods made of solid materials (classification for packaging groups II and III)
- high-density polyethylene (PE-HD), impact-resistant
- Safe transport and stackable
- ideal for the collection of lithium batteries for recycling and waste management purposes
- for reasons of fire protection, always use a suitable buffer material (e.g. vermiculite or foam glass pellets)
- follow the packaging instructions (e.g. P909) for ADR transports, deliver with lid closed
belts by means of a ratchet tensioner

Description	Dimensions external cm (L × D × H)	Internal dimensions cm (L × D × H)	Storage levels	Weight approx. kg	Product code
Plastic container for waste	120 × 80 × 40	111,5 × 71,5 × 24,5	195	300 kg	131.619.001

ACCESSORIES

Product code

Sack of foam glass granules 55 L	131.619.003
Vermiculite sack 50 L	131.619.004
Bag for lining the inside of the Class S container	131.900.002
Bag for lining the inside of the L class container	131.900.007
Plastic bag for one battery	131.900.003

STEEL CONTAINER FOR USED BATTERIES

STEEL CONTAINER FOR SPENT BATTERIES WITH VERMICULITE



- storage capacity 120 litres
- ideal for use as a receptacle for damaged batteries-mulators to be disposed of
- sturdy hot-dip galvanized steel container with strong lid fasteners
- a rubber gasket around the perimeter of the lid prevents moisture from penetrating into the interior
- lid easy to open and locks in the open position
- recess in base for transport trolley, possibility of lifting by crane and stacking vertically
- vermiculite or foam glass may be used as filler material
- UN approval for the transport of hazardous materials belonging to Packing Groups I, II and III
- transport must be handled in accordance with the special provisions of the ADR (see special provisions and packing instructions). transport); transport may only be carried out by qualified persons

Description	Dimensions external cm (L × D × H)	Internal dimensions cm (L × D × H)	Storage levels	Weig ht appro x. kg	Product code
Steel waste bin	71,5 × 71,5 × 58	58 × 58 × 39	120	54	131.618.002

Accessories	Product code
Sack of foam glass granules 55 L	131.618.003
Vermiculite sack 50 L	131.618.004
Bag for lining the inside of the container	131.900.008

SAFETY BARREL FOR BATTERIES



- 60-litre drum with clamping ring lid
- special safety valve for pressure release in case of failure
- UN approval for the transport of hazardous materials belonging to Packing Group I, II or III
- vermiculite can be used as filler material
- maximum permissible total weight 60 kg
- ideal for use as a receptacle for damaged batteries-mululators to be disposed of
- approval for the transport of lithium batteries (UN 3480 and UN 3090) with a weight of 0.5-5 kg
- use in transport in accordance with ADR regulations (see special provisions and packing instructions)
- Follow the packaging instructions!
- complete with vermiculite filling up to 1/2 volume and a plastic bag

Ideal for safe storage of damaged batteries used in e-bikes, power tools, garden tools and much more.

Description cm	Dimensions (\varnothing × height)	Storage capacity L	Empty keg weight kg	Product code
Safety barrel for batteries	38 × 66	60	4,9	131.618.001

Accessories	Product code
Vermiculite sack 50 L	131.619.004
Bag for lining the inside of the battery safety barrel	131.900.004
Plastic bag for one battery	131.900.003

SAFETY CONTAINER FOR BATTERIES



- stackable plastic container with fireproof lining and absorbent material
- sturdy lid closed with two clip-on straps
- folding handles for easy carrying
- time-saving by filling in the void and laying-manufacturing of objects using only two specially shaped inserts (complete with container)
- can be used as a stationary safety deposit box
- ideal for the safe storage and separation of prototypes, batteries in quarantine and damaged objects and other applications

The highest level of security currently achievable:

- one container for all types of batteries lithium, in accordance with ADR 2019
- can even be used for batteries that are not safe to transport, seriously damaged or faulty (P911)
- for lithium batteries weighing up to 20 kg
- permitted transport on public roads, compliant-not with the regulations

Successfully passed actual battery fire test for P911-compliant attestation:

- the temperature outside the container remains below 100 °C
- no flame formation outside the container
- transverse degassing system, including smoke management and filtration system

Description	External dimensions cm (L × D × H)	Internal dimensions cm (L × D × H)	Weight empty for container in kg	Product code
Safety container for batteries	60 × 40 × 34	48 × 28 × 18	9,7	131.714.100

Accessories

Product code

special pads 40 × 58 cm	131.900.001
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FILLER FOR THE STORAGE AND TRANSPORT OF LITHIUM-ION BATTERIES (UN 3480, UN 3090)



- Approximately 8-10 times lighter than sand (approx. 230 kg/m³)
- Absorbs electrolytes (tested by BAM)
- Low thermal conductivity and high electrical insulating capacity
- Thermal and chemical stability (<1050°C)
- Specific heat of only 0.7 kJ/(kg K), porosity 85%
- Condensation of water vapour on the surface of PyroBubbles® granules
- Non-flammable material (A1, DIN 4102, EN 13501)
- Protects against vibrations
- Dust-free thanks to PE bags
- Easy to store, low maintenance, no requires ongoing maintenance
- 100% organic

Packaging

Product code

12.5 kg

184.100.100

14 kg

184.100.102

METAL CONTAINERS TRANSPORT



- Safety system for the storage and transport of lithium-ion batteries with mass up to 800 kg which are damaged, defective or dangerous according to regulations SV 376, P 91, N 906, ADR
- The safest protection against instability thermal efficiency, exothermic reactions, without environmental risks
- Tested UN-approved containers
- Durable products for repeated use
- Easy to use
- Tested using real samples fire

Metal transport container	External dimensions (mm)	Internal dimensions (mm)	Max. battery dimensions	Material	Capacity (l)	Max. gross weight (kg)	Max. weight of dangerous goods (kg)	Product code
S-Box X1 (incl. 4 bags of PyroBubbles pellets, version Premium)	799 x 476	676 599x	436 x 236 x 180	steel stainless	187	160	66	184.200.100
S-Box X2 (incl. 6 bags of PyroBubbles pellets, premium version)	799 x 599 x 1114	676 x 476 x 960	436 x 236 x 560	stainles s steel	309	240	110	184.200.101
S-Box X1 (complete with 10 bags of PyroBubbles pellets, version)	1199 x 676	1076 799x	836 x 436 x 240	steel stainless	466	350	155	184.200.102
S-Box X2 (complete with 16 bags of PyroBubbles pellets, premium version)	1199 x 799 x 1252	1076 x 676 x 1100	836 x 436 x 680	stainles s steel	800	630	360	184.200.103
S-Box (complete with 50 bags of PyroBubbles pellets, version)	2500 x 1356	2376 1484x	2136 x 1120 x 400	steel stainless	2603	1212	400	184.200.104

PLASTIC CONTAINERS TRANSPORT



- Safety system for the storage and transport of lithium-ion batteries that are damaged, in-damaged or defective, in accordance with the provisions of SV 376, P 911, N 906, ADR
- For batteries for electric bicycles, electro-tools, laptops and mobile phones, car-dowzers, electric vehicles, etc.
- Safety system for the storage and transport of lithium-ion batteries that are not damaged, defective or worn out (End Of Life - EOL) in accordance with the provisions of SV 377, P909
- Transport of prototypes, in accordance with SV 310 regulations, P910
- Safe protection against thermal instability, exothermic reactions, without risk to the environment. ska
- Standard sizes for easy logistics, can be stacked vertically up to a height of 3.0 metres
- Tested UN-approved containers
- Durable products for repeated use
- Easy to use
- Codes x 13, x 30, Y 45 and Y 456

We offer three types of packaging concepts for security containers: The powder-coated steel basket (Advanced and Premium versions) ensures that the minimum safety distances between the batteries and the outside and bottom of the container are guaranteed at all times for optimum safety. The basket is perforated to allow leakage of electrolyte. The Advanced version allows the batteries to be easily removed together with the basket, while the PyroBubbles® granules remain in the container. For ease of handling, the Basic and Premium versions use filler cushions. The cushions have an envelope of thin, perforated PE film and are filled with PyroBubbles® granules. If a fire occurs, the foil melts and the PyroBubbles® granules suppress the fire.

PLASTIC TRANSPORT CONTAINERS



Plastic transport container	External dimensions (mm)	Internal dimensions (mm)	Max. battery dimensions	Material	Capacity (l)	Max. gross weight (kg)	Max. weight of dangerous goods (kg)	Product code
S-Box 1 Basic Pure (incl. 24 small PE padding)	400 × 300 × 235	360 × 260 × 195	280 × 180 × 95	PP	18	13	8,1	184.210.100
XS-Box 1 Premium, Pure (complete with 13 small PE filling cushions, closed basket)	400 × 300 × 235	298 × 191 × 125	278 × 171 × 55	PP	7	13	4,9	184.210.300
XS-Box 2 Basic, Pure (incl. 30 small filling cushions)	400 × 300 × 235	360 × 260 × 195	280 × 180 × 95	PP	23	13	7,5	184.210.101
S-Box 1 Basic Pure (62 small PE filler cushions included)	600 × 400 × 295	556 × 356 × 276	438 × 238 × 137	PP	56	45	32,5	184.210.301
S-Box 1 Premium, Pure (incl. 40 small filling cushions 292 in PE, closed basket) 196	600 × 400 × 295	492 × 356 × 276	438 × 238 × 137	PP	28	45	26,2	184.210.102
S-Box 2 Basic, Pure (incl. 100 small PE fillers) 422	600 × 400 × 295	556 × 356 × 276	438 × 238 × 137	PP	84	45	27,9	184.210.103
				PP	49	45	18,1	184.210.303

CONTAINERS WITH PELLETS



- The double walls of the containers made of galvanised sheet steel are filled with PyroBubbles® granules.
- The PyroBubbles® lid has a similar design and protection.
- These containers allow quick, easy and safe placement of batteries or cells packed with in boxes, crates or other packaging.
- In this way, even in the event of a fire caused by the thermal instability of the battery, the ra inside the container, the external environment will be protected and safe.
- In addition, the batteries in the container are also protected. The company's operations are protected from external influences.
- The Genius storage system provides a simple, weatherproof, secure and flexible solution for the - tying lithium-ion battery storage to all sectors of the economy.
- This eliminates the need to allocate special fireproof cabinets or rooms for storage of these batteries.

Safety container	External dimensions (mm)	Internal dimensions (mm)	Max. battery dimensions	Material	Capacity (l)	Product code
Storage Box 30	605 × 400 × 800	363 × 213 × 395	363 × 213 × 395	galvanised steel	30,5	184.220.202
Storage Box 90	805 × 605 × 800	563 × 413 × 395	563 × 413 × 395	galvanised steel	91,8	184.220.203
Storage Box 220	1216 × 805 × 800	1013 × 563 × 395	1013 563 × 395	galvanised steel	225,3	184.220.204
Storage Box 280	1216 × 1006 × 800	1013 × 743 × 373	1013 × 743 × 373	galvanised steel	280,7	184.220.205
Storage Box 520	1682 × 1479 × 902	1247 × 1047 × 400	1247 × 1047 × 400	galvanised steel	521	184.220.206

LI-SAFE BOXES: A SYSTEMATIC SOLUTION FOR BATTERY FIRE PROTECTION

- safe transport and storage system for lithium accumulators
- special fireproof lining made of non-combustible materials
- soft, moulded inserts prevent the batteries from moving around inside the box (included)
- crates can be stacked and clipped together
- two strong latches
- two handles for easy carrying
- Lockable with padlock (sold separately)
- made of durable, impact-resistant plastic rows
- Hazardous material labels included
- permitted to be transported on public roads in accordance with the regulations themselves
- can also be used as a stationary storage facility - new security container
- fire protection, e.g. for storage in transport and on building sites
- ideal for the safe isolation of hazardous batteries (e.g. defective or in quarantine)
- UN certification for lithium batteries for Group II packaging
- for lithium batteries weighing up to 5 kg



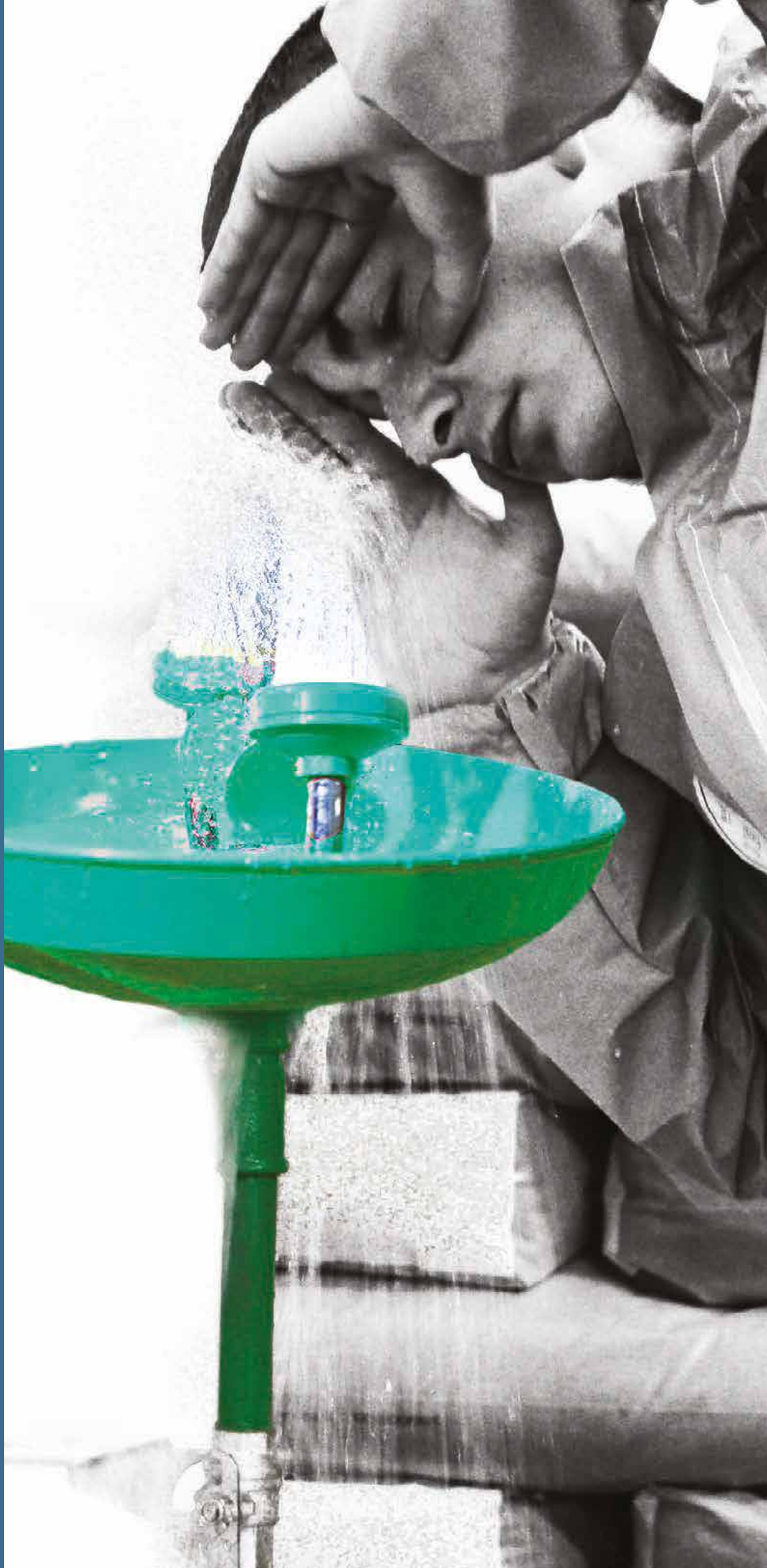
Description	External dimensions cm (d × w × h)	Internal dimensions cm (d × w × h)	Number inserts	Weight kg	Product code
Fire protection box Li-SAFE 2-Sbatteries	40 × 30 × 21,5	30 × 19 × 9	2	4,5	131.630.100
Fire protection box Li-SAFE 3-Sbatteries	40 × 30 × 34	30 × 19 × 21,5	3	6	131.630.101
Accessories					Product code
Special inserts for the battery fire protection box					131.630.120

PRODUCT BROCHURE

EYE/FACE WASHES AND EMERGENCY SHOWERS

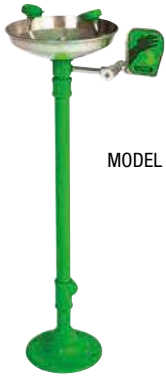


DISTRIBUTION HUB





PEDESTAL-MOUNTED



MODEL NO. S0340



S0340

Stainless Steel Bowl, Pedestal-Mounted Eye/Face Wash

Model S0340 is a pedestal-mounted eye/face wash with a stainless steel bowl, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle.



MODEL NO. S0340-HFC



S0340-HFC

Stainless Steel Bowl, Pedestal-Mounted Eye/Face Wash with Hand/Foot Control

Model S0340-HFC is a pedestal-mounted eye/face wash with a stainless steel bowl, ABS plastic eye/face wash spray heads, an inline strainer, and a stay-open 1/2" ball valve with a push handle and a foot control.



MODEL NO. S0340-CS1



S0340-CS1

Stainless Steel Bowl, Pedestal-Mounted Eye/Face Wash with Clam-Shell Cover

Model S0340-CS1 is a pedestal-mounted eye/face wash with a stainless steel bowl, a "clam-shell" stainless steel cover, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle.



WALL-MOUNTED



S0420

Model S0420 is a wall mounted eye/face wash, with a plastic bowl, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle. An anti-microbial agent is molded into the ABS material, providing integrated protection.



S0440

Model S0440 is a wall mounted eye/face wash, with a stainless steel bowl, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle.



S0440CS1

Model S0440-CS1 is a wall mounted eye/face wash, with a stainless steel bowl, a "clam-shell" stainless steel cover, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle.



MODEL NO. S0440-FRV



S0440-FRV

Freeze-Resistant, Stainless Steel Bowl, Wall-Mounted Eye/Face Wash

Model S0440-FRV is a freeze-resistant, wall-mounted eye/face wash with a stainless steel bowl, ABS plastic eye/face wash spray heads, an inline strainer and push handle. The self-draining valve and supply are located behind the wall in a heated area to prevent freezing.



MODEL NO. S0560



S0560

Recessed, Swing Down Eye/Face Wash

Model S0560 is a recessed, wall-mounted, swing down eye/face wash that is installed in the wall with a stainless steel cabinet and ABS plastic eye/face wash spray heads. The eye/face wash swings down horizontally and the water flow is activated automatically. The eye/face wash flow is terminated once the unit has been swung back up into the cabinet for storage.



MODEL NO. S0960



S0960

Deck-Mounted Swivel Eye/Face Wash

Model S0960 is a deck-mounted swivel eye/face wash that is installed next to the sink with ABS plastic eye/face wash spray heads. The eye/face wash swings out horizontally over the sink from the right side and the water flow is activated automatically. The eye/face wash flow is terminated once the unit has been swung back into its original position for storage.



MODEL NO. S2200

S2200

Stainless Steel Head, Horizontal-Mounted Shower

Model S2200 is a horizontal-mounted emergency shower with a stainless steel showerhead and a 1" stay-open ball valve with a 29" pull rod.



MODEL NO. S2200-RA

S2200-RA

Stainless Steel Head, Horizontal-Mounted Shower with Recessed Activation

Model S2200-RA is a recessed activated, horizontal-mounted emergency shower with a stainless steel showerhead.



P150

Portable Gravity Fed Emergency Eye Wash Station

Portable, self-contained eyewash is ideal for remote locations that do not have a water source. Eyewash flow gravity activated, 9 gallons high-density yellow polyethylene tank. The tank has heavy wall construction and reinforced ribs to support the weight of the unit. The unit can be counter or wall mounted with no additional plumbing required. Water storage: 34.1 L max. Flow control: 1.5L/Min, 15 Minutes flow. Source of water: Clean water or leached water. Water quality: Water in the unit should be changed at least once every six month.



Bacteriostatic Preservative Liquid

100 ml bottle

The agent preserves water for portable eye washers, for use only with clean drinking water. When used as directed, one bottle is sufficient to preserve 23 to 75 liters of water for up to three months.



MODEL NO. S1340



S1340

Pedestal-Mounted Combination Drench Shower

Model S1340 is a pedestal-mounted combination drench shower and eye/face wash. The eye/face wash has a stainless steel bowl, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle. The drench shower has a plastic showerhead and a 1" stay-open ball valve with a pull rod.



MODEL NO. S1340-CS1



S1340-CS1

Pedestal-Mounted Combination Drench Shower, Stainless Steel Bowl & Clam-Shell Cover

Model S1340-CS1 is a pedestal-mounted combination drench shower and eye/face wash. The eye/face wash has a stainless steel bowl, a "clam-shell" stainless steel cover, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle. The drench shower has a plastic showerhead and a 1" stay-open ball valve with a pull rod.



MODEL NO. S1340-HFC



S1340-HFC

Pedestal-Mounted Combination Drench Shower, Hand/Foot Control

Model S1340-HFC is a pedestal-mounted combination drench shower and eye/face wash. The eye/face wash has a stainless steel bowl, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle and a hand foot control. The drench shower has a plastic showerhead and a 1" stay-open ball valve with a pull rod.



MODEL NO. S1320-PVC



S1320-PVC

All-PVC Pedestal-Mounted Shower

Model S1320-PVC is a PVC-constructed pedestal-mounted emergency combination shower with a plastic showerhead, emergency eye/face wash, 1" PVC stay-open ball valve and pull rod.



MODEL NO. S1340-FPB



S1340-FPB

Frost Proof Bury, Plastic Head Pedestal Shower with Stainless Steel Bowl Eye-Face Wash

Model S1340 is a pedestal-mounted combination station with an eye/face wash composed of a stainless steel bowl, ABS plastic eye/face wash spray heads, an inline strainer and a stay-open 1/2" ball valve with a push handle. The unit features a shower with a plastic showerhead and a 1" stay-open ball valve with a pull rod.



MODEL NO. S1360-HT



S1360-HT

Heat Traced Combination Station, Eye/Face Wash, Plastic Showerhead & Drench Hose

Model S1360-HT is a heat traced, pedestal mounted combination station. Unit includes ABS plastic eye/face wash spray heads, inline strainer with stay-open 1/2" ball valve and push handle; a plastic showerhead, 1" stay-open ball valve with pull rod, a flexible drench hose and stay-open 1/2" ball valve with push handle. Unit is insulated and encased in a molded ABS jacket with heat traced cable wrapped around the internal supply pipe with a thermostat to control the heating. The device is according to CE standards and is complying with the ATEX Directive (Ex marking).



OPTIONS



FLOW SWITCH WITH COMBI ALARM/BEACON

Sound and light alarm system with signal lamp and sound signal, activated by a flow switch. The device is switched on when the emergency eye/face washer is started. The system can be mounted on a pipe or wall with an additional bracket. It is recommended to install the alarm in situations where the emergency eye/face cleaner is located away from people or in a noisy environment where the user cannot call for help. Voltage: 230/110 VAC.

The audible and visual alarm is connected to the shower and/or eye wash proximity switches and draws attention in the case of an emergency.

- AC or DC version available
- 110 dB(A) output
- IP66 protection
- Simple first and second fix installation
- Fully integrated high efficiency beacon
- 32 alarm tones
- 2 stage alarm



S0000-STK

Shower Testing Kit

STK is a shower test kit which includes an extended rod, a corrosion resistant ring, a tubular shaped yellow waterproof chute to guide the water and a 5 gallon bucket. This device is designed to assist in the periodic testing of emergency showers.

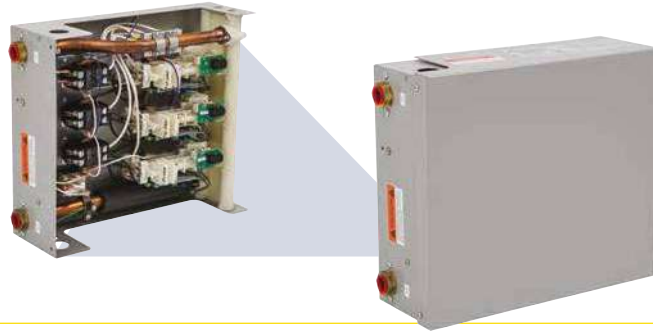


S0401

Wall-Mounted Self-Closing Drench Hose

Model S0401 is a wall-mounted eye/face and body drench hose with an ABS plastic eye/face wash spray head, self-closing squeeze lever valve and an eight foot reinforced PVC hose. Drench hoses are to be used as supplements to, not replacements for, other types of emergency drench equipment (ANSI Z358.1 - 2014)

MODEL NO. S0401



MODEL NO.
ER-H SERIES

TWINS™ & TRIPLETS™ Tankless Water Heater

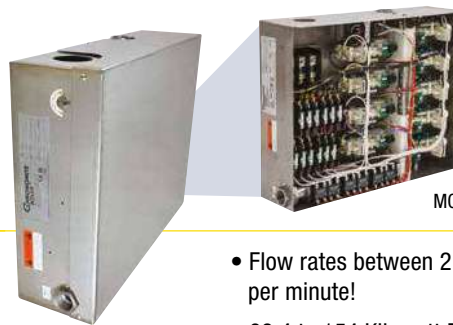
ER Series

Available in 1-Phase, 2-Phase and 3-Phase options, TWINS™ & TRIPLETS™ utilize ultra quick response times to supply fast tepid water to emergency drench equipment.

FEATURES:

- Flow rates between 0.35 GPM and up to 4.25 GPM
- 14.4 to 19.2 Kilowatt Range (TWINS); 21.6 to 22.8 Kilowatt Range (TRIPLETS)
- Rugged stainless steel housing
- Space-saving compact design
- No pressure and temperature valve needed
- Energy efficient
- Multiple applications handled with one heater

BOXER® Tankless Water Heater



MODEL NO. ERB-H_3P

ERB Series

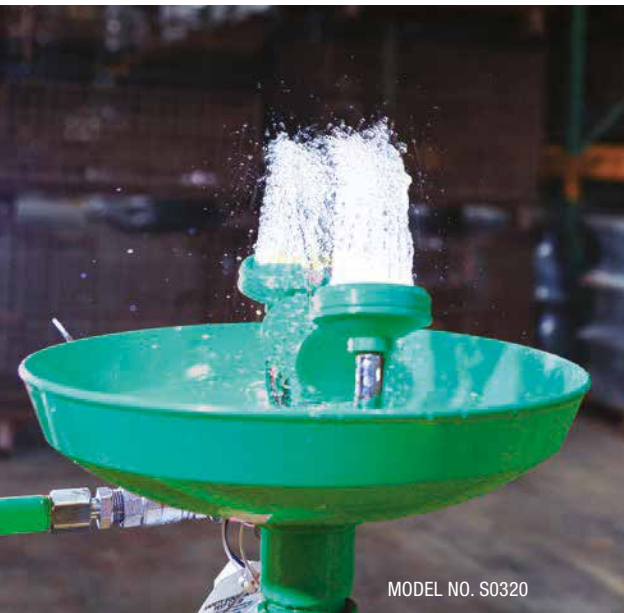
Step into the ring with BOXER, the industry's highest quality instantaneous water heater, providing maximum flow rates of tepid water to Emergency Drench Showers, Eye/Face Washes and Tempering Systems whenever it is needed.

FEATURES:

- Flow rates between 2.6 gallons and 30.0 gallons per minute!
- 68.4 to 154 Kilowatt Range
- No pressure and temperature relief valve needed
- Ideal for combination drench shower stations
- Specified with 84° F tepid water to meet ANSI Z358.1
- Energy-efficient
- Unlimited hot water
- Compact design



THERMOSTATIC MIXING VALVES ET71 SERIES



ET71-1-BVS-OTG

- 0.5 Inch NPT Inlet & Outlet Connections
- Valve rated 9.8 GPM (37.1 LPM) Flow Rate at 30 PSID

ET71-2-BVS-OTG

- 0.75 Inch NPT Inlets & 1 Inch NPT Outlet Connections
- Valve rated 35.1 GPM (132.9 LPM) Flow Rate at 30 PSID

ET71-3-BVS-OTG

- 1 Inch NPT Inlet & 1.25 Inch NPT Outlet Connections
- Valve rated 70.2 GPM (265.7 LPM) Flow Rate at 30 PSID

ET71-4-BVS-OTG

- 1.25 Inch NPT Inlet & 1.5 Inch NPT Outlet Connections
- Valve rated 122 GPM (461.8 LPM) Flow Rate at 30 PSID

Thermostatic Mixing Valve for Acorn Safety™ Emergency Drench Equipment

The Acorn Emergency Tempering Valve effectively delivers safe tepid water to emergency systems such as Eye washes, face washes, shower fixtures and combination units. Available in four models (see right), the ET71 meets the needs of most applications based on minimum flow performance requirements and maximum flow demands. This valve is intended to be used in both recirculated and non-recirculated systems to meet and exceed the requirements of ANSI Z358.1.



FEATURES AND BENEFITS:

- Lead-Free DZR brass with corrosion-resistant internal components
- IAPMO certified to ASSE 1071 with minimum flows as low as 1 gpm
- Integral/accessible strainers and cartridge-style check valves
- Lockable ball valve supply stops
- Outlet temperature gauge with required fittings
- 5°F approach temperature
- Patented internal cold water bypass
- Connections available from 1/2" to 1-1/2" NPT
- Capacities ranging from 1 gpm to more than 150 gpm for all your requirements
- Brass Valve Body with Ball Valve Shut-offs
- Outlet Temperature Gauge
- Patented design offers precise control under a wide range of flows and conditions to meet all your requirements



THERMOSTATIC MIXING VALVES ET71 SERIES



MODEL NO. SFET-1-T-OT-ITG

Emergency Supply Fixtures

Acorn Controls® offers a full line of supply fixtures that are 100% factory assembled and tested. They typically include everything required to ensure proper installation, set-up, service and troubleshooting.

Typical items included:

- Ball valves on the inlets and outlet
- Outlet temperature gauge
- Piping
- Tempering valve with integral checks and strainers.
- Cabinets are offered in wall-mounted and fully recessed versions, either painted or stainless steel with a piano hinge and lock.

Various inlet and outlet orientations

- Internal cold water bypass
- Optional inlet temperature gauges.
- Acorn is pleased to consider other modifications and options upon request.

SFET Series Features:

- Lead-free* supply fixtures based on ET71 Series Mixing Valves.
- Delivers safe, tepid water to safety systems such as eye/face washes and drench showers.
- 4 models/sizes based on minimum flow performance requirements and maximum flow demands.
- Controls temperature for both recirculating and non-recirculating supply systems.
- Special configurations allow for manifolded multiple valves.

TANK SHOWER





COMBINED DEVICE

Eye and face wash, shower hose, emergency shower, frost-proof

- External, insulated and heated combination unit (eye and face wash, spray hose, emergency shower), supplied fully assembled.
- It combines the functions of an emergency shower, eye and face wash and body wash on a flexible hose.
- The washer features a double spout, with high-flow aeration nozzles to increase the efficiency of eye and face washing.
- Operated by a hand lever that opens the stainless steel ball valve with protective cover.
- The lid ensures that the bowl is kept clean and free of dirt at all times.
- The shower hose with single spout can be used when assisting disabled workers, disinfecting the eye or washing other parts of the body.
- Operated by a hand lever that opens a stainless steel ball valve.
- The shower has a spout that provides an outflow of water with an appropriately shaped jet, covering the entire figure. It allows dangerous liquids to be flushed effectively and quickly from the entire body. It is activated by a hand lever that opens a stainless steel ball valve that can withstand the harshest weather conditions.
- The entire unit is fixed to the floor and heated with a high-power immersion heater to protect against low temperatures. Also pre-insulated with polyurethane foam for maximum insulation and coated with impact-resistant polyethylene corrosion protection.
- Supply pipes and fittings made of galvanised steel.
- Standard white finish with green and white warning stripes.
- Signal light, audible, foot pedal to start the unit, insulated and heated below-ground power system and internal illumination of the health and safety sign available as an option.





106.601.100



106.601.200



106.602.200

Product code	Supply voltage	Heating power	Intended use in the temperature range external	Power supply	Weight	Required feed water pressure	Designed for EX zones
106.601.100	240V, 50/60 Hz.	95 W	(MH) from -35°C to +35°C. spraying 76 l/min, o/t washer 20 l/min washer 8 l/min.	1 1/2"	40 kg	1.8 - 6 bar	
106.601.200	240V, 50/60 Hz.	95 W	(MH) from -35°C to +35°C. spraying 76 l/min, o/t washer 20 l/min washer 8 l/min.	1 1/2"	40 kg	1.8 - 6 bar	-
106.602.200	240V, 50/60 Hz.	57 W	(AH) from -20°C to +35°C. spray rate 76 l/min o/t washer 12 l/min.	1 1/4"	25 kg	2 - 6 bar	



COMBINED DEVICE (114 l tank), emergency shower, mobile, rubber wheels

- Designed for temporary use, for indoor and outdoor applications, in an ambient temperature range of 5°C to 35°C.
 - With optional insulation systems (H) the ambient temperature range is -20°C to 40°C.
- It is ideal where a permanent external water supply cannot be guaranteed and in situations where mobility is important.
- The steel tank (114 l) is lined on the inside with plastic to prevent internal corrosion.
- External surface painted with white acid-resistant enamel.
- It also includes universal signage (health and safety signs) and white-green warning strips.
- Tank equipped with large-diameter pneumatic tyres, allowing one person to transport it easily and manoeuvring to the site of an accident or potential hazard.
- If the unit needs to be transported over a long distance or over uneven surfaces, an optional towing hook arm is available.
- The design of the emergency shower allows it to be quickly and easily folded for transport or storage.
- The shower has a spout that provides water flow with an appropriately shaped jet, covering the entire figure. Allows effective and rapid flushing of dangerous fluids from all over the body. Provides a steady stream of water for approximately 1 1/2 minutes.
- Operated by a hand lever that opens a stainless steel ball valve that can withstand the harshest weather conditions.
- Spray rate 76 l/min. 1/2" supply.
- Eye wash, spray hose, isolation system (H), frame with towing hook available as an option. In accordance with current regulations, the device is used for rapid first aid for 1 1/2 min, in areas where a shower connected to the water supply is not available. Therefore, further decontamination of the affected person should be carried out after its use.



OSHA



EN15154 EN10224



Product code	Tank capacity (l)	Spray rate (l/min)	Weight (kg)
106.202.100	114	76	85



SAFETY SHOWER (TANKSHOWER) FROST-PROOF eye and face washers, emergency shower, tank

- Designed for outdoor applications (MH), with an ambient temperature range of -35°C to 35°C, in situations requiring the supply of lukewarm water or where a continuous external water supply cannot be guaranteed.
- Indispensable where water pressure is insufficient or the flow rate is too low.
- Allows for effective and rapid flushing of hazardous fluids from the entire body. Contains an insulated tray (tank) with a rectangular frame constructed made of galvanised steel. Insulated tank made of made of high-density polyethylene (HDPE), encased in glass fibre panels (GRP) in white.
- An immersion heater built into the cylinder, controlled by a double thermostat with protection, ensures that the water temperature remains constant.
- The shower is activated by pressing the panic lever or by placing the user's foot on the optional pressure plate (truss).
- Thanks to other accessory options, the emergency shower cabin can be easily adapted to meet your own needs and requirements.
- Supply voltage 240V, 50/60 Hz.
- 3,000 W immersion heater.
- Capacity 76 l/min.
- 3/4" supply.
- Required feed water pressure 0.5 - 10 bar.
- Universal signage (health and safety sign) included.



Product code	Tank capacity (l)	Implementation
106.702.100	1500	GRP / galvanised steel, (-35°C)
106.702.110	1500	GRP / stainless steel, (-35°C)
106.702.200	1500	GRP / galvanised steel, EX ATEX, (-35°C)
106.702.210	1500	GRP / stainless steel, EX ATEX, (-35°C)
106.703.100	2000	GRP / galvanised steel, (-35°C)
106.703.110	2000	GRP / stainless steel, (-35°C)
106.703.200	2000	GRP / galvanised steel, EX ATEX, (-35°C)



Eye wash, portable with gravity flow

- The washer can effectively wash eyes for more than 15 min with a water flow of approximately 1.5 l/min.
- Pulling down the yellow washer arm starts the water flow at a rate of 1.5 l/min.
- This creates a jet of water, allowing the eyes to be rinsed effectively.
- Tank made of high-density polyethylene approved for contact with water.
- Provides a lightweight and durable portable washer design.
- Stainless steel wall bracket in the shape of a letter "J" makes it easy to install the washer and ensures that it can be removed and re-hung quickly.
- A bacteriostatic additive is supplied with the washer to keep the water in the tank for up to three months without bacterial growth.
- The tank has a large-diameter opening that is closed with a threaded plug, allowing quick inspection, cleaning and filling of the tank.
- Universal signage included: health and safety sign, stickers with instructions for use.
- Optional equipment: transport trolley, waste water container.



Accessories



Bactericide

Product code

150.600.007



EN15154

	Product code	Capacity (l)	Weight	Insulation
P150	171.130.181	30	4.2 kg	NO

EYE WASHES



EYE WASH SOLUTIONS

EYE WASH SOLUTION, ACID AND BASE I EYES

PHOSPHORIC ACID 4.9%

- Sterile sealed bottle (scrubber) with eye wash solution.
- It requires no cleaning or maintenance.
- **It quickly and effectively neutralizes even very strong acids and alkaline substances.**
- Used as an individual worker's equipment, in any place where there is a risk of flooding the eyes and face with substances alkaline or acid.
- Just unscrew the cap and start rinsing.
- **The cap is also the spout of the scrubber. Its shape coincides with the natural curvature of the eye, which makes the product convenient, n, hygienic and easy to use.**
- Pictograms on the bottle and simple and clear instructions allow you to flush your eyes properly and safely.



Certificate 

Product code	133.110.200	133.111.500	133.112.100
Capacity	200 ML	500 ML DUO	1000 ML

EYE WASH SOLUTION, DUST AND DIRT CONTAMINATION

SODIUM CHLORIDE 0.9%

- Sterile sealed bottle (scrubber) with eye wash solution.
- It requires no cleaning or maintenance.
- **Designed to flush dust and dirty from the eye.**
- Used as a worker's personal equipment, in any place where there is a risk of damage to the eyes by a dust.
- Just unscrew the cap and start rinsing.
- **The cap is also the spout of the scrubber. Its shape coincides with the natural curvature of the eye, which makes the product convenient, n, hygienic and easy to use.**
- Pictograms on the bottle and simple and clear instructions allow you to flush your eyes properly and safely.



Certificat 

Product code	133.100.200	133.100.500	133.100.100	133.101.100
Capacity	200 ML	500 ML	1000 ML	1000 ML DUO



WALL-MOUNTED KITS

FLUSHING FOREIGN BODY FROM EYE, SODIUM CHLORIDE 0.9%

BOTTLE 1 X 500 ML

- Sterile sealed bottle (scrubber) with eye wash solution to hang on the wall.
- It requires no cleaning or maintenance.
- Designed to flush dust from the eye.



Certificate
CE

BOTTLE 1 X 1000 ML, DUO, PICTOGRAM

- Sterile sealed bottle (scrubber) with eyewash solution and a handle and pictogram for hanging on the wall.
- It requires no cleaning or maintenance.
- Designed to flush dust from the eye.



Certificate
CE

Product code

133.200.500

Product code

133.201.100

2 X 500 ML BOTTLE, PICTOGRAM, MIRROR

- Sterile sealed bottles (scrubbers) of solution for eyewash and handle and pictogram, along with a mirror to hang on the wall.
- Not suitable for dirty and dusty areas.
- Designed to flush dust from the eyes.



BOTTLE 2 X 1000 ML, PICTOGRAM, MIRROR

- Sterile sealed bottles (scrubbers) with solution for eyewash and a pictogram to hang on the wall.
- Not suitable for dirty and dusty areas.
- Designed to flush dust from the eyes.



Certificate
CE

WALL-MOUNTED LOCKABLE SET, 2 X 500 ML BOTTLE

- Dust-proof set with sterile unsealed bottles (scrubbers) with eye wash solution in a resealable wall box.
- Made of impact-resistant polyester.
- It is especially suitable for dirty and dusty areas. nych.
- Designed to flush dust from the eyes.



LOCKING WALL KIT, BOTTLE 2 X 1000 ML DUO

- Dust-proof set with sterile unsealed bottles (scrubbers) with eye wash solution in a resealable wall box.
- Made of impact-resistant polyester.
- It is especially suitable for dirty and dusty areas. nych.
- Designed to flush dust from the eye.



Certificate
CE

Product code

133.202.500

Product code

133.202.100

Product code

133.203.500

Product code

133.204.100

NEUTRALIZATION OF ACIDS AND BASES FROM THE EYE, PHOSPHORIC ACID 4.9%

BOTTLE 1 X 1000 ML

- Sterile sealed bottle (scrubber) with solution for flushing a large area of the body and a handle and pictogram for hanging.
- It requires no cleaning or maintenance.
- It quickly and effectively neutralizes even very strong acids and alkaline substances.



COMBI WALL SET - 1 X 200 ML BOTTLE, 1 X 500 ML BOTTLE

- Sterile sealed bottles (scrubbers) with eyewash solution and a handle and pictogram along with a mirror to hang on the wall.
- Not suitable for dirty and dusty areas.
- Designed to flush dust from the eyes and neutralize even very strong acids and alkaline substances.



Product code

133.210.100

Product code

133.220.250

WALL-MOUNTED COMBI LOCKING SET
- BOTTLE 1 X 200 ML,
1 X 500 ML, PICTOGRAM, MIRROR

- Dust-proof set with sterile sealed bottles (scrubbers) with solution For eye wash in a resealable wall box.
- Made of impact-resistant polyester.
- It is especially suitable for dirty and dusty areas.
- Designed to flush dust from the eyes and neutralize even very Strong acids and alkaline substances.

EYE WASH SOLUTION, DUST, ACID
AND BASE, DUO - BOTTLE 1 X 500 ML,
1 X 1000 ML, PICTOGRAM, MIRROR

- Sterile sealed bottles (scrubbers) with eye wash solution and handle and pictogram along with a mirror to hang on the wall.
- Not suitable for dirty and dusty areas.
- Designed to flush dust from the eyes and neutralize even very strong acids and alkaline substances.

EYE WASH SOLUTION, DUST, ACID
AND BASE, DUO - BOTTLE 1 X 500 ML,
1 X 1000 ML, PICTOGRAM, MIRROR

- Dust-proof set with sterile sealed bottles (scrubbers) with solution For eye wash in a resealable wall box.
- Made of impact-resistant polyester.
- It is especially suitable for dirty and dusty areas.
- Designed to flush dust from the eyes and neutralize even very Strong acids and alkaline substances.



Product code

133.223.250

Product code

133.221.510

Product code

133.224.510

DISPENSERS

THE QUICKFIX DISPENSER IS ONLY 23 CM WIDE AND 13.5 CM HIGH. DESPITE ITS SMALL SIZE, IT CONTAINS 90 SLICES. THIS WAY THE PATCH DISPENSER CAN BE PLACED WHERE IT IS NEEDED MOST.

QUICKFIX

SHORT SLICE DISPENSER

- It provides immediate access to the patch.
- It is a handy and hygienic solution.
- **Allows you to easily see if a patch is missing and also quickly stop bleeding without messing up others blood slices.**
- Despite its small size, it contains 90 patches.
- It can be placed wherever it is most needed.
- The patches are made of PE protective material that allows the skin to breathe.
- Dimensions: 72x25 mm



DISPENSERS

WATER RESISTANT
2 x 45 pieces

Waterproof patches are especially suitable for wet workplaces

ELASTIC
2 x 45 pieces

Flexible patches move with the skin, which is why they are so convenient

EXCLUSIVE
2 x 45 pieces

The blue patches have a metal element that metal detectors pick up.

WATER RESISTANT AND ELASTIC
2 x 45 pieces

This combination meets most expectations in workplaces. It is a good solution both where it is humid and where we care about comfort



Product code 133.500.100



Product code 133.500.200



Product code 133.500.300



Product code 133.500.400

REFFILLS

WATERPROOF
6 x 45 pieces



Product code 133.500.101

ELASTIC
6 x 45 pieces



Product code 133.500.201

EXCLUSIVE
6 x 45 pieces



Product code 133.500.301

The practical cartridges can be used on their own

DISPENSERS

Certificate 

THE QUICKFIX DISPENSER IS ONLY 23 CM WIDE AND 13.5 CM HIGH. DESPITE ITS SMALL SIZE, IT CONTAINS 90 SLICES. THIS WAY, THE PATCH DISPENSER CAN BE PLACED WHERE YOU NEED IT MOST.

QUICKFIX

LONG SLICE DISPENSER

- It provides immediate access to the patch.
- It is a handy and hygienic solution.
- **Allows you to easily see if a patch is missing and also quickly stop bleeding without the need to dirty others blood slices.**
- Despite its small size, it contains 90 patches.
- It can be placed wherever it is most needed.
- The patches are made of protective PE material that allows the skin to breathe.
- Dimensions: 120x20 mm



DISPENSERS

ELASTIC
2 x 30 pieces

Flexible patches move with the skin, which is why they are so convenient



Product code 133.501.201

EXCLUSIVE
2 x 30 pieces

The blue patches have a metal element that metal detectors pick up.



Product code 133.501.300

REFILLS

ELASTIC
6 x 45 pieces



Product code 133.501.200

EXCLUSIVE
6 x 45 pieces



Product code 133.501.301

QUICKFIX MINI

DISPENSING PACKAGE

- It provides immediate access to the patch.
- A handy and hygienic solution.
- Despite its small size, it contains 30 patches.
- It can be placed wherever it is most needed.
- The flexible patches move with the skin, which is why they are so comfortable.
- They allow the skin to breathe.

Product code 133.500.250



QUICKSAFE COMPLETE FIRST AID KIT

First aid cabinet with a wide selection of equipment.

Content

- 18 x QuickCool burn gel
- 1 x set of QuickStop dressings 1 pcs. 17 x 17 cm and 2 pcs. 12 x 7.5 cm
- 20 x QuickClean wound cleaning wipes
- 2 x 500 ml Plum Eye Wash
- 1 x 200 ml eye wash pH Neutral
- 5 x 20 ml QuickRinse eye wash ampoules
- 1 x 45 QuickFix Elastic wound patches.

Dimensions:

- W*S*G: 430*253*92 mm

Certificate 

Product code

133.600.200



QUICKSAFE BASIC FIRST AID KIT

First aid cabinet with eye wash and plasters. You can choose the contents of the first shelf yourself.

Content

- 2 x 500 ml Plum Eye Wash
- 1 x 200 ml eye wash pH Neutral
- 5 x 20 ml QuickRinse eye wash ampoules
- 1 x 45 QuickFix Elastic wound patches.

Dimensions:

- W*S*G: 430*253*92 mm

Certificate 

Product code

133.600.300



QUICKSAFE FIRST AID KIT FOOD INDUSTRY

First aid cabinet for the food industry, kitchens and cafeterias. Includes detectable plasters and burn gel, among other items.

Content

- 18 x QuickCool burn gel
- 1 x set of QuickStop dressings 1 pcs. 17 x 17 cm and 2 pcs. 12 x 7.5 cm
- 20 x QuickClean wound cleaning wipes
- 2 x 500 ml Plum Eye Wash
- 1 x 200 ml eye wash pH Neutral
- 1 x 45 QuickFix Detectable Wound Patches.
- 1 x 30 pcs QuickFix Detectable Long Wound Patch

Dimensions:

- W*S*G: 430*253*92 mm

Certificate 

Product code

133.600.500



QUICKSAFE FIRST AID KIT CHEMICAL INDUSTRY

First aid cabinet designed for chemical plants where there is a risk of accidents involving acids and bases. Among other things, it contains pH Neutral Duo eyewash for flushing both eyes at the same time.

Content

- 1 x 500 ml Plum Eye Wash Duo
- 1 x 500 ml eye wash pH Neutral Duo
- 1 x 200 ml eye wash pH Neutral
- 5 x 20 ml QuickRinse eye wash ampoules
- 1 x 45 QuickFix Elastic wound patches.

Dimensions:

- W*S*G: 430*253*92 mm

Certificate 

Product code

133.600.400



SAFETY LAMP

Ex Atex





175.100.120

Small but very powerful safety torch

The Adalit L-1 is a professional torch, suitable for use in potentially explosive atmospheres (hazardous areas). Lightweight, versatile, robust and easy to use in use. It can be carried in a pocket and/or attached to a helmet (universal mount included). The built-in neodymium magnet allows the torch to be attached to any steel surface.



ATEX:

II 1G Ex ia op is IIC T4 Ga
 II 1D Ex ia op is IIIC T135°C Da GAS
 ZONES 0 | 1 | 2
 DUST ZONES 20 | 21 | 22

Degree of protection: IP67

Weight: 60 g (with batteries)

Dimensions (L x W): 145 x Ø 25

Light duration: > up to 18 hours

Torch body material:

A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source:

1 high-power LED, luminous flux 100 lumens

Batteries: LR03 AAA batteries

ACCESSORIES: Helmet attachment



UNIVERSAL HELMET ATTACHMENT

The Adalit L1 torch comes complete with a self-adhesive metal mount that can be placed on any helmet.





Hand-held or helmet-mounted torch with integrated red LED position indicator

Durable, reliable, ultra-light and highly efficient, the L5Power torch features a flashing red LED beacon located in the rear instead of a light sensor, for easy location of the user in the darkest environments. The torch can also be easily attached to most typical firefighter helmets. It is ATEX certified for ZONE 0/20 allowing use in most hazardous locations and confined spaces.



ATEX:
II 1G Ex ia op is IIC T4 Ga
II 1D Ex ia op is IIIC T85°C Da
GAS ZONES 0 | 1 | 2
DUST ZONES 20 | 21 | 22

Degree of protection: IP67

Weight:
Rechargeable model: 125 g (with battery)
Battery-powered model: 145 g (AAA batteries included)

Dimensions (L x W x H): 150 x 38 x 44 mm

Lighting time:
Battery-powered model 4 h
Battery-powered model up to 30 h

Torch body material:
A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source: 150 lumens

On/Off button:
Made of soft-touch material, positioned on the side for easy location and gloved operation

2 MODELS AVAILABLE

L5Power
4 AAA alkaline batteries (supplied)

L5RP Power
Lithium Battery Li-Po / 3.7 V (included)

3 TYPES OF CHARGERS AVAILABLE FOR 1, 3 AND 5 POSITIONS(only for L-5R Power)



ACCESSORIES:
Case and helmet attachment



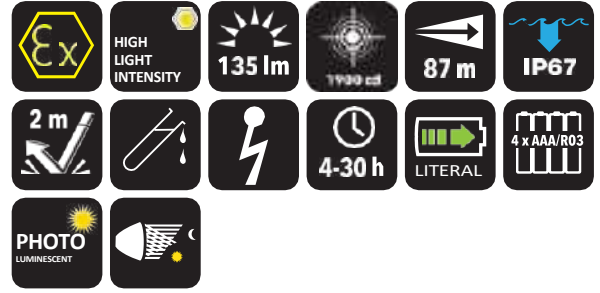
L-5+ L-5R+

175.100.101

175.200.100

Hand-held or helmet-mounted torch with intelligent energy management

Durable, reliable and ultra-lightweight, the L-5+ torch can be attached to most types of firefighter helmets. The torch is ATEX certified for ZONE 0/20, allowing it to be used in most hazardous areas and confined spaces. It has a photoluminescent front cover and a light sensor that allows the user to save energy and extend the burn time.



ATEX:

II 1G Ex ia op is IIC T4 Ga
II 1D Ex ia op is IIIC T85°C Da
GAS ZONES 0 | 1 | 2
DUST ZONES 20 | 21 | 22

Degree of protection: IP67

Weight:

Rechargeable model: 125 g
(with battery)
Battery-powered model: 145 g
(AAA batteries included)

Dimensions (L x W x H) 150 x 38 x 44 mm

Lighting time:

Battery-powered model 8 h
Battery-powered model up to 30 h

Torch body material:

A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source: 135 lumens

On/Off button:

Made of soft-touch material, positioned on the side for easy location and gloved operation

2 MODELS AVAILABLE

L-5+

4 AAA alkaline batteries
(supplied)

L-5R+

Battery
Lithium Li-Po / 3.7 V (included)

3 TYPES OF CHARGERS AVAILABLE
FOR 1, 3 AND 5 POSITIONS(only for L-5R Power)



ACCESSORIES:

Case and helmet attachment



L-30

175.200.130

Revolutionary helmet-mounted torch

Lighter, smaller and more powerful than previous models, the L-30 helmet-mounted rechargeable torch is an essential piece of equipment for any firefighter. The dual light system used in this torch (main beam and path light) and the two red LED position indicators make it the safest torch on the market. It is ATEX certified for use in Zones 0/20 explosive atmospheres.

- ▶ Power LedEngine optics feature a strong focused beam capable of penetrating smoke over a long distance
- ▶ RED LED: 2 rear position indicators with red LEDs make it easier to locate the firefighter
- ▶ Road lighting system: a light beam directed straight ahead illuminates the road effectively
- ▶ BOOSTER gain function
- ▶ Reflective strips
- ▶ Indication of lighting time and battery power level
- ▶ Energy depletion indication
- ▶ Helmet attachment included



ATEX:
 II 1G Ex ia IIC T4 Ga
 II 1D Ex ia IIIC T135°C Da GAS
 ZONES 0 | 1 | 2
 DUST ZONES 20 | 21 | 22

Degree of protection:
 IP68

Weight:
 165 g (with battery)

Dimensions
 35 x 43 x 55 mm (L x W x H)

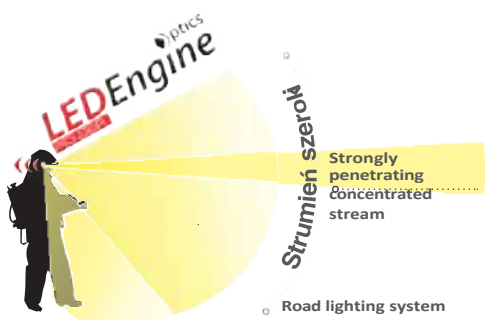
Lighting time:
 Normal mode > 3 h
 Energy saver mode > 12 h

Torch body material:
 A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source:
 350 lumens and 10 000 cd

On/Off button:
 Made of soft-touch material, positioned on the back for easy location and gloved operation

Chargers
 For 1, 2, 3, 4 or 5 torches compatible with Adalit L-10 chargers



L-3000 175.200.140

Even better than before! New version of our best-selling torch

The redesigned Adalit L-3000 is a professional, safe, high-performance torch, featuring high-brightness LEDs, revolutionary optics, a large digital display and a rotating head.



Step Lighting System **BOOSTER** **LEDEngine** ptics

ATEX:
II 1G Ex ia op is IIC T4 Ga
II 1D Ex ia op is IIIC T85°C Da GAS
ZONES 0 | 1 | 2

DUST ZONES 20 | 21 | 22

Degree of protection: IP67

Weight: 500 g (with battery)

Dimensions (L x W x H)
Straight: Ø 70 x 225 mm
Angular: Ø 70 x 100 x 185 mm
Lighting time: 5, 7.5 or 10 hours

Torch body material:
A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source:
2 high-power LEDs, light output 150 lumens each

Power supply: Li-ion rechargeable batteries | voltage 3.7V

Battery depletion indication: Flashing main LED signal 15 minutes before energy depletion

- ▶ 2 LEDs, each emitting 150 lumens of light, form a double optic that emits two types of light streams - focused and broad
- ▶ LedEngine technology with road lighting system
- ▶ BOOSTER amplification function for long-distance illumination with a highly penetrating light beam
- ▶ The two soft-touch pushbutton switches are ergonomic and large, making them easy to operate
- ▶ Choice of 3 lighting times with different light intensity
- ▶ Indication of the energy level in hours and minutes of light on a digital display
- ▶ Rotatable head with 3 positions
0° | 45° | 90°
- ▶ Easy maintenance
- ▶ Strobe function
- ▶ Red or yellow extension cone available for signal baton function
- ▶ Straight or angle torch
- ▶ Chargers for 1, 2, 3 or 5 torches



L-3000 POWER

175.200.150

When we say Power, we mean it. A truly powerful source of light!

Adalit L-3000 POWER is a professional, safe torch with a large digital display, rotating head and elegant design. Its revolutionary optics have the ability to produce a strong focused beam, unique wide beam and road illumination.



- ▶ 3 LEDs of 150 lumens each emit different light streams
- ▶ Power LedEngine technology with road lighting system
- ▶ The two soft-touch pushbutton switches are ergonomic and large, making them easy to operate
- ▶ Choice of 3 lighting times with different light intensity
- ▶ Indication of energy level in hours and minutes of light on a digital display
- ▶ Rotatable head with 3 positions 0° | 45° | 90°
- ▶ Easy maintenance
- ▶ Strobe function
- ▶ Red or yellow extension cone available for signal baton function
- ▶ Straight or angle torch
- ▶ Chargers for 1, 2, 3 or 5 torches



Step Lighting System

Swive1

LEDEngine ^{ptics}

ATEX:
II 1G Ex ia op is IIC T4 Ga
II 1D Ex ia op is IIIC T85°C Da GAS
ZONES 0 | 1 | 2
DUST ZONES 20 | 21 | 22

Degree of protection: IP67

Weight: 500 g (with battery)

Dimensions (L x W x H)
Straight: Ø 70 x 225 mm
Angular: Ø 70 x 100 x 185 mm
Lighting time: 5, 7.5 or 10 hours

Torch body material:
A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source: 3 high-power LEDs, light output 150 lumens each

Power supply: Li-ion rechargeable batteries | voltage 3.7 V

Battery depletion indication: Flashing main LED signal 15 minutes before energy depletion



L 5000 Z0 | SUMMARY CONTINUED

L 5000 Z0 F | SUMMARY WIDE

175.200.210

SUMMARY CONTINUED

SUMMARY WIDE

175.200.211



ATEX hand-held rechargeable lamp for Zone 0/20 with high luminous power

Lightweight, handy and very powerful hand lamp certified for explosive atmospheres. Swivel head, digital display and modern optics with different light streams: Focused (long range) or Wide (short range). Adapted for use in the toughest working conditions.



ATEX:

II 1G Ex ia IIC T4 Ga
 II 1D Ex ia IIIC T135°C Da GAS
 ZONES 0 | 1 | 2
 DUST ZONES 20 | 21 | 22

Degree of protection: IP66

Weight: 1300 g (with battery)

Dimensions (L x W x H) 260 x 110 x 110 mm

Optical system:

7 LEDs (1 x 3W high power / 2 x emergency light / 2 x yellow signal light / 2 x red rear position LEDs)

Lighting time:

Main lighting:
 3 light strength settings 6/12/24 h
 Auxiliary lighting:
 3 light intensity settings 12/24/48 h

Torch body material:

A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Swivel head: -30° / 0° / 30° / 60° / 90°

Light source:

70,000 cd (focused) / 20,000 cd (wide)
 500 lumens

Switches:

The two soft-touch pushbutton switches are ergonomic and large, making them easy to operate
 Main: Switching on and off the light, switching on the tail light
 Additional: Emergency lighting mode or signalling function

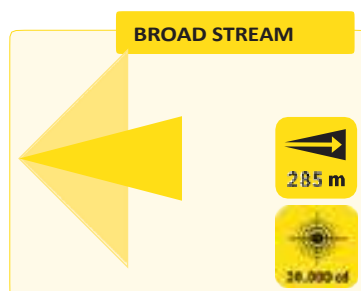
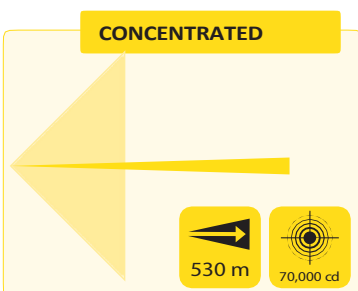
Power supply:

Li-ion rechargeable batteries | voltage: 3.7 V | 10 000 mAh

Accessories:

Shoulder strap (included), magnet (included), tripod (optional)

Charger: DC 12V / 24V | AC 100/240V 50/60 Hz




L-90 175.100.140

Angled torch

Lightweight, small and easy to handle. Equipped with our famous LEDEngine optics, containing 2 LEDs (focused light, wide light and road light). Easy to attach to a firefighter's suit.



Illuminated
push
button 



Step Lighting System BOOSTER LEDEngine ^{optics}

2 versions:

L-90 (3x AA alkaline batteries)

L-90R (Li-ion rechargeable battery)

ATEX II 1G Ex ia op is IIC T4 Ga

GAS ZONES 0 | 1 | 2

Degree of protection: IP67

Weight:

L-90: 340 g (with alkaline batteries)

L-90R: 290 g (with rechargeable battery)

Dimensions (L x W x H) 73 x 71 x 158 mm

Lighting time:

Normal mode: L-90: > 10 h / L-90R: 4 h

Energy saving mode: L-90: > 20 h / L-90R: 18 h

Torch body material:

A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source:

L-90: 250 lumens

L-90R: 280 lumens

On/Off button:

Made of soft-touch material, located at the top of the case for easy location and operation with gloves

Energy level:

Button lights up (green or red) to indicate battery/battery power level

Chargers for 1, 2, 3 or 5 torches

- ▶ LedEngine optics with 2 LEDs
- ▶ Focused, broad and stroboscopic light
- ▶ SLS road lighting system: a light beam directed straight ahead illuminates the road effectively
- ▶ BOOSTER amplification function further increases light intensity
- ▶ High or low light mode
- ▶ Indication of lighting time and battery/battery power level
- ▶ Ring and clip fastening on the back of the case
- ▶ Optional neodymium magnet
- ▶ Photoluminescent optional





175.100.144



Step
Lighting
System

LEDEngine^{optics}

Angled torch

Lightweight, small and easy to handle. Equipped with our famous Power LEDEngine optic, containing 3 LEDs (light focused, wide and road lighting). Easy to attach to a firefighter's suit.



Illuminated
push
button

2 versions:
L-90POWER (3x AA alkaline batteries)
L-90RPOWER (Li-ion rechargeable battery)

ATEX II 1G Ex ia op is IIC T4 Ga

GAS ZONES 0 | 1 | 2

Degree of protection: IP67

Weight:
L-90POWER: 340 g (with alkaline batteries) L-90RPOWER: 290 g (with rechargeable batteries)

Dimensions (L x W x H) 73 x 71 x 158 mm

Lighting time:
Normal mode: L-90POWER: > 10 h / L-90RPOWER: 4 h
Energy saving mode: L-90POWER: > 20 h / L-90RPOWER: 18 h

Torch body material:
A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Light source:
L-90POWER: 300 lumens
L-90RPOWER: 340 lumens

On/Off button:
Made of soft-touch material, located at the top of the case for easy location and operation with gloves

Energy level:
Button lights up (green or red) to indicate battery/battery power level

Chargers for 1, 2, 3 or 5 torches

- ▶ Power LedEngine optics with 3 LEDs
- ▶ Focused, broad and stroboscopic light
- ▶ SLS road lighting system: a light beam directed straight ahead illuminates the road effectively
- ▶ High or low light mode
- ▶ Indication of lighting time and battery/battery power level
- ▶ Ring and clip fastening on the back of the case
- ▶ Optional neodymium magnet
- ▶ Optional photoluminescent lens cover



175.200.220

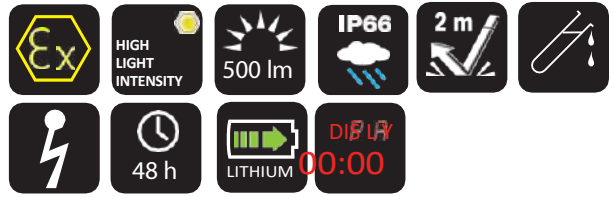
L 5000 Z1 | SUMMARY CONTINUED

L 5000 Z1 F | SUMMARY WIDE

175.200.221

ATEX rechargeable hand-held lamp for Zone 1/21 with high luminous power

Lightweight, handy and very powerful hand lamp certified for explosive atmospheres. Rotatable head, digital display and modern optics with different light streams: Focused (long range) or Wide (short range). Adapted for use in the toughest working conditions.



ATEX:
II 2G Ex ia IIC T4 Gb
II 2D Ex ia IIIC T135°C Db GAS
ZONES 1 | 2
DUST ZONES 21 | 22

Degree of protection: IP66

Weight: 1300 g (with battery)

Dimensions
(L x W x H) 260 x 110 x 110 mm

Optical system:
7 LEDs (1 x 3W high power / 2 x emergency light / 2 x yellow signal light / 2 x red position LEDs on the rear)

Lighting time:
Main lighting:
3 light strength settings 6/12/24 h Auxiliary lighting:
3 light intensity settings 12/24/48 h

Torch body material:
A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Swivel head: -30° / 0° / 30° / 60° / 90°

Light source:
70 000 cd (focused)/20 000 cd (broad)/500 lumens

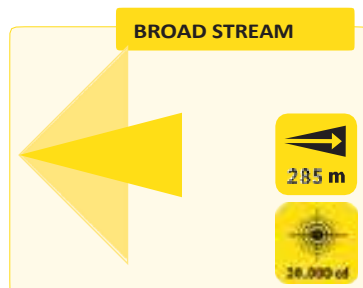
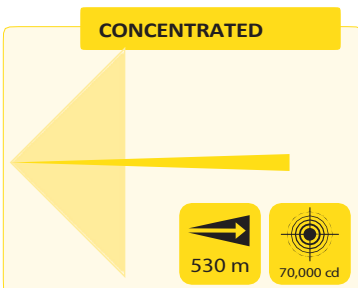
Switches:
The two soft-touch pushbutton switches are ergonomic and large, making them easy to operate
Main: Switching on and off the light, switching on the tail light

Additional:
Emergency lighting mode or signalling function

Power supply: Li-ion batteries | voltage: 3.7V | 10 000mAh

Accessories:
Shoulder strap (included), magnet (included), tripod (optional)

Charger:
DC: 12 V / 24 V | AC: 100/240 V 50/60 Hz



HT400 / HT650

HEADLAMP BATTERY TORCH

- It provides an ideal light source for those working in tight, confined spaces and requiring a hands-free lamp whose beam is always directed in the same direction as the eye.
- It has a mechanism for adjusting the tilt angle to change the direction of the lamp, and a special optical system that allows a focused and very wide light output for effective illumination.
- Compact and lightweight construction, made of a durable and highly resistant thermoplastic material that is inherently anti-electrostatic.
- The torch glass is coated with a special coating to prevent scratches.
- The adjustable head straps can be adjusted to fit over the head or helmet.
- Powered by 3 batteries.
- High intensity LED
- HT400
- Certification Baseefa10ATEX0067X - IECEx BAS 10.0023X II 1GD Ex ia op is IIC T4 Ga IP66 Ex ia op is IIIB T125°C Da.
- HT650
- Certified Baseefa10ATEX0067 - IECEx BAS 10.0023, code II 1 GD Ex ia IIC T4/T3 Ga IP66 / Ex ia IIIB T155°C Da (industry), I M1 Ex ia I Ma IP66 (mining) and CE mark.



Certificates



Gas zone: 0 | 1 | 2

Dust zone: 20 | 21 | 22



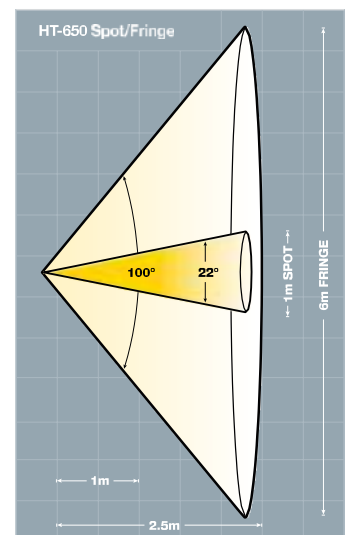
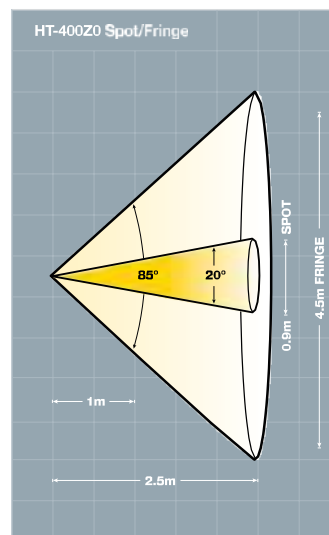
Certificates



Gas zone: 0 | 1 | 2

Dust zone: 20 | 21 | 22

LIGHTFLOW



Product code	113.204.401	113.204.650
Model	HT400	HT650
Light source	LED	LED
Classification area (gases)	0,1,2	0,1,2
Dust zone	20, 21, 22	20,21,22
Degree of protection	IP66	IP66
Weight (kg)	0,090	0,180
Burning time (h)	8,5	17
Luminosity (lm)	75	130

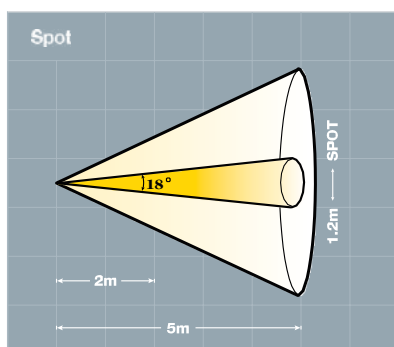
WL SERIES

ILLUMINATING LAMP, RECHARGEABLE

- Designed for intensive use in the harsh conditions of explosive atmospheres.
- The lamp has its own battery power supply and is characterised by exceptional light intensity, running time and durability.
- It is perfect for supporting long-term work in locations remote from other power and lighting sources.
- The sealed stainless steel housing, designed for use in harsh and corrosive industrial and marine environments, contains the battery and control circuit.
- The head made of anodised aluminium additionally acts as a cooling radiator. Thanks to the LED light source, the lamp produces an intense luminous flux.
- Certified SIRA 07 ATEX 3027, CE mark and code II 2 GD Ex e ib mb IIC T4 Ex tD A21 IP65 T135°C. Complete with mains charger for 100-254 V (AC), equipped with battery charge status indication, IMPA code 33 19 51.
- Certified Sira07ATEX3027X, IECEX SIR.18.0028X CE mark, and code II 2 GD Ex e ib mb op is IIC T4 Gb Ex tb op is IIIC T135°C Db. Including mains charger for 100-25 V (AC), equipped with battery charge status indication, IMPA code 33 19 51.



LIGHT OUTPUT



Certificates



Gas zone: 1 | 2

Dust zone: 21 | 22

Product code	113.300.306	113.300.307
Model	WL80	WL85
Light source	LED	LED
Number of diodes	12	12
Classification area (gases)	1,2	1,2
Dust zone	21,22	21,22
Degree of protection	IP66	IP66
Weight (kg)	16,6	23
Luminosity (lm)	1020	1020

ATEX/IECEX LED MINI WORKLITE™ WL-50

WL-50 & WL-50HT ZONES **1** **2** **21** **22**

PRODUCT INFORMATION

The ATEX & IECEx certified WL-50 & WL-50HT light weight mini Worklite™ is an easily carried, rechargeable, high output LED floodlight for use in harsh, remote, hazardous area applications. At just over 9kgs, it weighs around half the weight of the WL-80 and WL-85 worklites, and provides the same outstanding level of light.

Toughened glass lens with optional disposable lens guard

Durable 316L stainless steel outer skid to protect Worklite

Fixings for Anti-Static Lens Guard (W-3130) to protect lens & extend product lifespan

LED light source 'fitted for life' with 100,000+ hours life

Adjustable angle in frame

Cable free for easy use and reduced risk of trips



KEY INFORMATION

CERTIFICATION

- ATEX and IECEx Approved for Zone 1/21 explosive gas and dust atmospheres, and OP IS compliant
- IP Rating: certified to both IP66 and 67, the Worklite™ is dust tight and protected against powerful water jets and immersion up to 1 metre (up to 30 minutes)

AMBIENT APPROVED

- -20°C to +45°C - WL-50
- -20°C to +50°C - WL-50HT

LIGHT OUTPUT

- 3,100 lumens at source
- High power white LED piercing spot beam with flood of lower level fringe light
- LED light source 'fitted for life' with 100,000+ hours life.

LIGHT DURATION

- Up to 5 hours full power
- Up to 10 hours half power

FEATURES

- Toughened glass lens with optional disposable lens guard, robust and durable aluminium construction
- Rechargeable high capacity battery, fully managed & supplied with a mains charger with state of charge indication, powered from 100 to 254Vac
- Compatible with Wolf tripods and magnetic bracket kits, certified anti-static protection kits available
- 2 power levels (high/low) allowing user to accommodate appropriate light based on the work task at hand
- Tilt adjustment within frame to direct light accordingly

ATEX/IECEX LED MINI WORKLITE™ WL-50

PRODUCT REFERENCE		113.300.309	
PRODUCT DESCRIPTION		High Power Rechargeable Battery Worklite™	
CODE		II 2 GD Ex eb ib mb op is IIC T4 Gb Ex tb op is IIIC T135°C Db	
TYPE OF PROTECTION		'eb' Increased Safety, 'ib' Intrinsic Safety, 'op is' optical intrinsic safety, 'mb' Encapsulation, tb Enclosure Protection	
AREA OF CLASSIFICATION (GAS)		Zones 1 and 2, Gas Groups IIA, IIB, IIC	
TEMPERATURE CLASSIFICATION		T4	
AREA OF CLASSIFICATION (DUST)		Zones 21 and 22, Dust Groups IIIA, IIIB, IIIC	
MAX. SURFACE TEMPERATURE (DUST)		T135°C	
AMBIENT TEMPERATURE		-20°C to +45°C	
CERTIFICATE		CML 18ATEX3373X IECEX CML 18.0199X	
ENCLOSURE		Die Cast Aluminium	
LENS		Toughened Glass Lens	
BEAM TYPE		Spot Beam with a Flood of Low Level Fringe Light	
LIGHT SOURCE:	TYPE	High Power LED	
	POWER/OUTPUT	18 x High Power LEDs / Up to 3100 lm at source	
	LIFE	100,000hrs+ (Fitted for Life)	
POWER SOURCE:	PART NO.	W-3200	
	BATTERY TYPE	Rechargeable Battery, Sealed Gel Lead Acid	
	VOLTS	12V	
	CAPACITY	10Ah	
	LIFE	UP TO 200 RECHARGE CYCLES	
LOW BATTERY INDICATOR		Yes	
LIGHT DURATION - HIGH / LOW		Up to 10 hrs / 5 hrs	
INGRESS PROTECTION		IP66 and IP67* to IEC60529	
WEIGHT (INC. BATTERY)		9.3kg	
CHARGER INPUT		100 - 254 Vac	
RECHARGE TIME		8 hrs	

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request.



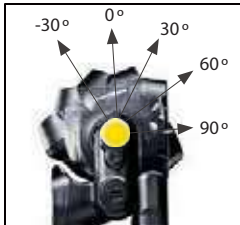


POLICE/MILITARY

175.200.231
L-5000 | SUMMARY CONTINUED
L-5000 F | SUMMARY WIDE
 175.200.232

Professional battery-powered lamp scatterers

The lightest, smartest and brightest lamps on the market. Rotating head, digital display and state-of-the-art optics with different light outputs: Focused (long reach) or Wide (short reach). Adapted for use in the toughest working



Degree of protection: IP66

Weight: 1100 g (with battery)

Dimensions (L x W x H) 260 x 110 x 110 mm

Optical system:

7 LEDs (1 x 3W high power / 2 x emergency light / 2 x blue or yellow signal light / 2 x red rear position LEDs)

Lighting time:

Main lighting: 3 light intensity settings 3/6/12 h Auxiliary lighting: 3 light intensity settings 6/12/24 h

Torch body material:

A thermoplastic resin with high resistance to impact, extreme temperatures and corrosive substances.

Swivel head: -30° / 0° / 30° / 60° / 90°

Light source:

160,000 cd (focused) / 60 000 cd (wide) / 800 lumens

Switches:

The two soft-touch pushbutton switches are ergonomic and large, making them easy to operate.

- ▶ Main: On/off and light selection. Switching on the tail light
- ▶ Additional: Emergency lighting mode or signalling function

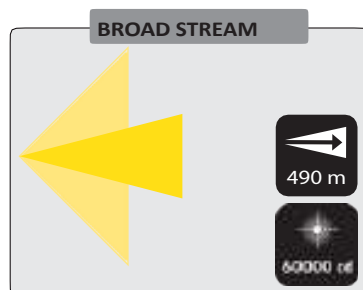
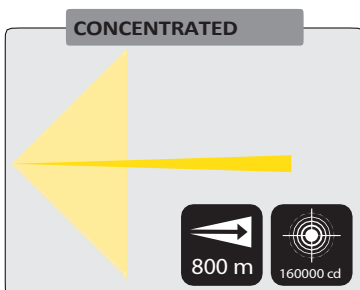
Power supply:

Li-ion rechargeable batteries | voltage: 3.7 V | 10 000 mAh

Accessories:

Shoulder strap (included), magnet (supplied), tripod (optional)

Charger: DC: 12 V / 24 V | AC: 100/240 V 50/60 Hz



**ATEX**

Approved for use in explosive atmospheres

**DIGITAL DISPLAY**

The display gives information on the remaining light time of the torch in hours and minutes

**LUMINOUS FLUX**

Parameter indicating the total amount of luminous energy emitted by a light source. It is measured in lumens

**PHOTOLUMINESCENCE**

It is the property of a material to emit light after it has first absorbed the light radiation

**MAXIMUM LUMINOUS FLUX**

The amount of light emitted by a lighting device in a specific direction. It is measured in candelas

**ANTISTATIC MATERIAL**

Prevents the build-up of static electricity on the surface of the torch

**RANGE OF LUMINOUS FLUX**

Distance from the lighting device at which the light intensity is 0.25 lux

**CHEMICAL RESISTANCE**

The torch is not susceptible to damage from contact with chemicals

**FALL RESISTANCE**

The ability of the portable lighting device to withstand damage after a fall onto a hard surface. In order to pass the drop test, the test pieces after a fall must not show any signs of cracks or fractures and must remain fully operational

**LIGHT SENSOR**

The light intensity of the torch intelligently adjusts (increases or decreases) to the ambient lighting

**LIGHTING TIME**

Time measured from the initial light intensity when the device is switched on lighting (with a fully charged battery or fresh batteries) until the light intensity drops to 10% of the initial value

**DEGREE OF PROTECTION**

Level of protection provided by the torch housing against access to hazardous components, against penetration of external solid objects and liquids into the housing

**MAGNES**

Neodymium magnet for attaching the torch to metal objects

**ACCUMULATOR**

Battery-powered device

**CERTIFICATION FOR MINING**

Approved for use in underground mines

**LARGE POWER LED**

High-quality LEDs emitting strong light

**IEC/IECEX**

Approval for use in explosive atmospheres issued in accordance with the standards of the International Electrotechnical Committee

**ALKALINE BATTERIES**

Device powered by alkaline batteries

COMBINATION WRENCH



DIN 3113

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.100.100	6	120	30
103.100.101	7	120	30
103.100.102	8	150	50
103.100.103	9	150	50
103.100.104	10	175	75
103.100.105	11	175	75
103.100.106	12	205	115
103.100.107	13	205	115
103.100.108	14	205	115
103.100.109	15	225	145
103.100.110	16	225	145
103.100.111	17	270	260
103.100.112	18	270	260
103.100.113	19	270	260
103.100.114	20	295	300
103.100.115	21	295	300
103.100.116	22	295	300
103.100.117	23	325	400
103.100.118	24	325	400
103.100.119	25	355	550
103.100.120	26	355	550
103.100.121	27	355	550
103.100.122	28	390	690
103.100.123	29	390	690
103.100.124	30	390	690
103.100.125	32	430	1000
103.100.126	34	430	1000
103.100.127	36	475	1100
103.100.128	38	475	1100
103.100.129	41	525	1450
103.100.130	46	550	1900
103.100.132	50	575	2200
103.100.133	55	575	2600
103.100.134	60	575	3150
103.100.135	65	575	4580

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.100.136	70	575	4580
103.100.500	5/16	150	50
103.100.501	3/8	150	50
103.100.502	13/32	175	75
103.100.503	7/16	175	75
103.100.504	1/2	205	115
103.100.505	9/16	205	115
103.100.506	19/32	225	145
103.100.507	5/8	225	145
103.100.508	11/16	270	260
103.100.509	3/4	270	260
103.100.510	25/32	295	300
103.100.511	13/16	295	300
103.100.512	7/8	295	300
103.100.513	15/16	325	400
103.100.514	31/32	325	400
103.100.515	1	355	550
103.100.516	1 1/8	355	550
103.100.517	1 1/8	390	690
103.100.518	1 1/8	390	690
103.100.519	1 1/4	430	1000
103.100.520	1 1/4	430	1000
103.100.521	1 3/8	475	1100
103.100.522	1 4/8	475	1100
103.100.523	1 1/2	475	1100
103.100.524	1 5/8	525	1450
103.100.525	1 5/8	525	1450
103.100.526	1 2/3	575	1900
103.100.527	1 3/4	550	1900
103.100.528	2	575	2200
103.100.529	2 1/5	575	2600
103.100.530	2 3/8	575	3150
103.100.531	2 5/8	575	4580
103.100.532	2 5/8	575	4580
103.100.533	2 3/4	575	4580

DOUBLE OPEN END WRENCH



DIN 895

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.101.100	6*7	95	25
103.101.101	6*8	100	30
103.101.102	7*8	100	30
103.101.103	7*9	110	35
103.101.104	8*9	110	35
103.101.105	8*10	115	40
103.101.106	9*10	115	40
103.101.107	9*11	125	50
103.103.108	10*11	125	50
103.103.109	10*12	135	65
103.103.110	10*13	125	65
103.103.111	11*13	145	85
103.103.112	11*14	145	85
103.101.113	12*13	145	85
103.101.114	12*14	145	85
103.101.115	13*14	145	105
103.101.116	13*15	155	105
103.101.117	14*15	155	105
103.101.118	14*16	155	105
103.101.119	14*17	170	130
103.101.120	16*17	170	130
103.101.121	16*18	170	130
103.101.122	17*19	185	165
103.101.123	18*19	185	165
103.101.124	18*20	185	165
103.101.125	17*19	200	240
103.101.126	19*22	200	240
103.101.127	20*22	200	240
103.101.128	19*24	220	300
103.101.129	21*23	220	300
103.101.130	22*23	220	300
103.101.131	22*24	220	300
103.101.132	22*27	240	390
103.101.133	23*26	240	390
103.101.134	24*26	240	390
103.101.135	24*27	240	290
103.101.136	25*28	260	485
103.101.137	24*30	260	485
103.101.138	27*30	260	485
103.101.139	27*32	285	650
103.101.140	30*32	285	650
103.101.142	30*34	310	850
103.101.141	30*36	310	850
103.101.143	32*36	310	850
103.101.144	34*36	310	850
103.101.145	36*41	340	1150
103.101.146	41*46	375	1500
103.101.147	46*50	415	1900
103.101.148	50*55	455	2500

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.101.149	50*60	505	3200
103.101.150	55*60	505	3200
103.101.151	65*70	555	4600
103.101.500	1/4*5/16	100	30
103.101.501	5/16*3/8	115	40
103.101.502	3/8*7/16	125	50
103.101.503	7/16*1/2	135	65
103.101.505	1/2*5/8	155	105
103.101.504	1/2*9/16	155	105
103.101.506	9/16*5/8	170	130
103.101.507	9/16*3/4	185	165
103.101.508	19/32*11/16	185	165
103.101.509	19/32*25/32	185	165
103.101.510	5/8*11/16	185	165
103.101.511	5/8*3/4	185	165
103.101.512	11/16*25/32	185	165
103.101.513	11/16*7/8	200	240
103.101.514	3/4*25/32	200	240
103.101.515	3/4*13/16	200	240
103.101.516	3/4*7/8	200	240
103.101.518	25/32*7/8	200	240
103.101.519	13/16*7/8	200	240
103.101.520	7/8*15/16	220	300
103.101.521	7/8*31/32	220	300
103.101.522	7/8*1	240	390
103.101.523	7/8*1 1/16	240	390
103.101.524	15/16*1	240	390
103.101.525	15/16*1 1/16	240	390
103.101.526	1*1 1/8	260	485
103.101.527	1*1 5/16	285	650
103.101.528	1 1/16*1 1/4	285	650
103.101.530	1 1/8*1 5/16	285	650
103.101.529	1 1/16*1 7/16	310	850
103.101.531	1 1/8*1 1/2	310	850
103.101.532	1 1/4*1 3/8	310	850
103.101.533	1 1/4*1 7/16	310	850
103.101.535	1 5/16*1 1/2	310	850
103.101.534	1 1/4*1 5/8	340	1150
103.101.536	1 3/8*1 1/2	340	1150
103.101.537	1 7/16*1 5/8	340	1150
103.101.538	1 1/2*1 11/16	340	1150
103.101.539	1 5/8*1 13/16	375	1500
103.101.540	1 5/8*1 3/4	375	1900
103.101.541	1 11/16*1 7/8	375	1900
103.101.543	1 13/16*2	415	1900
103.101.542	1 3/4*2 1/16	415	2500
103.101.544	2*2 3/16	455	2500
103.101.545	2 3/16*2 3/8	505	3200

AVAILABLE SETS

COMBINATION WRENCH

Product code	Number of keys included	Diameter (mm)	Weight (g)
103.100.000	9	6, 7, 8, 10, 13, 15, 17, 18, 19	1225
103.100.001	11	10, 13, 15, 17, 18, 19, 21, 22, 24, 27, 30	3355
103.100.00	14	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	2865

DOUBLE OPEN END WRENCH

Product code	Number of keys included	Diameter (mm)	Weight (g)
103.101.000	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 20, 19 x 22	1225
103.101.001	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 27 x 32, 30 x 34	3355

SINGLE OPEN END WRENCH



DIN 894

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.102.100	8	100	28
103.102.101	9	110	30
103.102.102	10	115	35
103.102.103	11	125	45
103.102.104	12	135	55
103.102.105	13	145	70
103.102.106	14	145	70
103.102.107	15	155	90
103.102.108	16	155	90
103.102.109	17	170	115
103.102.110	18	170	115
103.102.111	19	185	155
103.102.112	20	185	155
103.102.113	21	200	180
103.102.114	22	200	180
103.102.115	23	220	250
103.102.116	24	220	250
103.102.117	25	240	350
103.102.118	26	240	350
103.102.119	27	240	350
103.102.120	28	260	420
103.102.121	29	260	420
103.102.122	30	260	420
103.102.123	32	285	550
103.102.124	33	285	550
103.102.125	34	285	550
103.102.126	35	310	710
103.102.127	36	310	710
103.102.128	37	310	710
103.102.129	38	310	710
103.102.130	41	340	980
103.102.131	42	340	980
103.102.132	46	375	1160
103.102.133	47	375	1160
103.102.134	50	415	1660
103.102.135	52	415	1660
103.102.136	54	455	2210
103.102.137	55	455	2210
103.102.138	56	455	2210
103.102.139	58	505	2940
103.102.140	60	505	2940
103.102.141	63	505	4000
103.102.142	65	555	4000
103.102.143	67	555	4000
103.102.144	70	555	4000
103.102.145	71	555	4800
103.102.146	75	615	4800
103.102.147	77	615	4800
103.102.148	80	615	4800
103.102.149	82	690	4800
103.102.150	85	690	6250
103.102.151	88	690	6250
103.102.152	90	690	6250
103.102.153	94	770	8300
103.102.154	95	770	8300
103.102.155	100	770	8300

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.102.500	5/16	100	28
103.102.501	3/8	115	35
103.102.502	13/32	115	35
103.102.503	7/16	125	45
103.102.504	1/2	145	70
103.102.505	9/16	145	70
103.102.506	19/32	155	90
103.102.507	5/8	155	90
103.102.508	11/16	170	115
103.102.509	3/4	185	155
103.102.510	25/32	185	155
103.102.511	13/16	200	180
103.102.512	7/8	200	180
103.102.513	15/16	220	250
103.102.514	31/32	220	250
103.102.515	1	240	350
103.102.516	1 1/16	240	350
103.102.517	1 1/8	260	420
103.102.518	1 3/16	260	420
103.102.519	1 1/4	285	550
103.102.520	1 5/16	285	550
103.102.521	1 3/8	310	710
103.102.522	1 7/16	310	710
103.102.523	1 1/2	310	710
103.102.524	1 9/16	340	980
103.102.525	1 5/8	340	980
103.102.526	1 11/16	375	1160
103.102.527	1 3/4	375	1160
103.102.528	1 13/16	375	1160
103.102.529	1 7/8	415	1660
103.102.530	2	415	1660
103.102.531	2 1/16	455	2210
103.102.532	2 1/8	455	2210
103.102.533	2 3/16	455	2210
103.102.534	2 1/4	455	2210
103.102.535	2 5/16	505	2940
103.102.536	2 3/8	505	2940
103.102.537	2 7/16	505	2940
103.102.538	2 1/2	555	4000
103.102.539	2 9/16	555	4000
103.102.540	2 5/8	555	4000
103.102.541	2 3/4	555	4000
103.102.542	2 13/16	555	4000
103.102.543	2 15/16	615	4800
103.102.544	3	615	4800
103.102.545	3 1/8	615	4800
103.102.546	3 1/4	690	4800
103.102.547	3 3/8	690	6250
103.102.548	3 1/2	690	6250
103.102.549	3 5/8	770	8300
103.102.550	3 3/4	770	8300
103.102.551	3 7/8	770	8300

DOUBLE END BOX WRENCH OFFSET



DIN 897

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.103.100	6*7	155	40
103.103.101	7*9	155	40
103.103.102	8*9	155	40
103.103.103	8*10	170	77
103.103.104	9*11	170	77
103.103.105	10*11	170	77
103.103.106	10*12	180	105
103.103.107	10*13	180	105
103.103.108	11*12	180	105
103.103.109	12*13	180	105
103.103.110	10*14	200	130
103.103.111	11*14	200	130
103.103.112	12*14	200	130
103.103.113	13*15	220	180
103.103.114	14*15	220	180
103.103.115	14*17	230	200
103.103.116	16*17	260	255
103.103.117	16*18	260	255
103.103.118	17*19	280	300
103.103.119	18*19	280	300
103.103.120	17*22	330	420
103.103.121	19*22	330	420
103.103.122	19*24	360	560
103.103.123	20*22	330	420
103.103.124	21*23	360	560
103.103.125	22*24	360	560
103.103.127	24*26	400	660
103.103.128	24*27	400	660
103.103.130	25*28	400	660
103.103.129	24*30	410	820
103.103.131	27*30	410	820
103.103.132	27*32	410	820
103.103.133	30*32	430	960
103.103.134	30*34	480	1350
103.103.135	30*36	480	1350
103.103.136	32*36	480	1350
103.103.137	34*36	480	1350
103.103.138	36*41	510	1750
103.103.139	41*46	580	2550
103.103.140	46*50	630	3300
103.103.141	50*55	690	4250
103.103.142	50*60	740	5300
103.103.143	55*60	740	5300
103.103.144	65*70	800	7600
103.103.144	70*75	830	9400

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.103.500	1/4*5/16	155	40
103.103.501	5/16*3/8	155	40
103.103.502	3/8*7/16	170	77
103.103.503	7/16*1/2	180	105
103.103.504	1/2*9/16	220	130
103.103.505	1/2*19/32	220	130
103.103.506	9/16*5/8	220	180
103.103.507	5/8*3/4	260	255
103.103.508	11/16*25/32	280	300
103.103.509	3/4*7/8	330	420
103.103.510	13/16*7/8	330	420
103.103.511	15/16*1	400	660
103.103.512	15/16*1 1/16	400	660
103.103.513	1*1 1/8	410	820
103.103.514	1 1/16*1 1/8	410	820
103.103.515	1 1/16*1 1/4	410	820
103.103.516	1 1/8*5/16	430	960
103.103.517	1 1/4*7/16	480	1350
103.103.518	1 1/4 x 1 7/16	480	1350
103.103.519	1 7/16*5/8	510	1750
103.103.520	1 5/8*1 13/16	580	2550
103.103.521	1 13/16*2	630	3300
103.103.522	2*2 3/16	690	4250
103.103.523	2*2 3/8	740	5300
103.103.524	2 3/16*2 3/8	740	5300
103.103.525	2 9/16*2 3/4	800	7600
103.103.526	2 3/4*2 15/16	830	9400

AVAILABLE SETS

DOUBLE END BOX WRENCH OFFSET

Product code	Number of keys in set	Diameter (mm)	Weight (g)
103.103.000	8	6*7, 8*9, 10*11, 12*13, 14*15, 16*17, 18*20, 19*22	835
103.103.001	12	6*7, 8*9, 10*11, 12*13, 14*15, 16*17, 18*19, 20*22, 21*23, 24*26, 27*32, 30*34	2175

DOUBLE END BOX WRENCH FLAT



DIN

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.104.100	6*7	100	15
103.104.101	8*10	125	30
103.104.102	9*11	133	45
103.104.103	12*14	155	60
103.104.104	13*15	170	90
103.104.105	14*17	170	90
103.104.106	16*18	190	125
103.104.107	17*19	190	125
103.104.108	19*22	215	195
103.104.109	21*23	235	215
103.104.110	24*27	270	280
103.104.111	26*28	295	370
103.104.112	30*32	330	450
103.104.113	30*36	360	715
103.104.114	32*36	360	715
103.104.115	36*41	400	800

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.104.500	1/4*5/16	100	15
103.104.501	5/16*3/8	125	30
103.104.502	3/8*7/16	133	45
103.104.503	7/16*9/16	155	60
103.104.504	1/2*19/32	170	90
103.104.505	1/2*5/8	170	90
103.104.506	9/16*11/16	170	125
103.104.507	5/8*25/32	190	125
103.104.508	11/16*13/16	215	195
103.104.509	3/4*7/8	215	195
103.104.510	13/16*15/16	235	215
103.104.511	15/16*1/16	270	280
103.104.512	1*11/8	295	370
103.104.513	11/8*15/16	330	450
103.104.514	13/16*11/4	330	450
103.104.515	11/4*13/8	360	715
103.104.516	15/16*17/16	360	715
103.104.517	11/2*15/8	400	800

SINGLE END BOX WRENCH



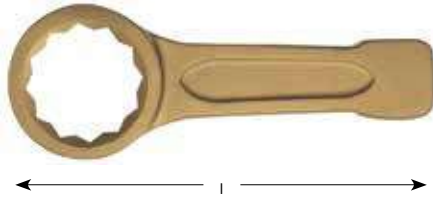
837DIN 3111

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.105.100	13	138	65
103.105.101	14	138	65
103.105.102	15	138	65
103.105.103	16	155	90
103.105.104	17	155	90
103.105.105	18	171	125
103.105.106	19	171	125
103.105.107	20	171	125
103.105.108	21	190	160
103.105.109	22	190	160
103.105.110	23	190	160
103.105.111	24	215	250
103.105.112	25	215	250
103.105.113	26	215	250
103.105.114	27	230	280
103.105.115	28	230	280
103.105.116	29	230	280
103.105.117	30	254	370
103.105.118	32	265	400
103.105.119	33	265	400
103.105.120	34	295	610
103.105.121	35	295	610
103.105.122	36	295	610
103.105.123	37	295	610
103.105.124	38	295	610
103.105.125	41	330	750
103.105.126	42	330	750
103.105.127	46	365	1050
103.105.128	47	365	1050
103.105.129	50	400	1400
103.105.130	52	400	1400
103.105.131	54	400	1400
103.105.132	55	442	1700
103.105.133	56	442	1700
103.105.134	58	442	1700
103.105.135	60	475	1900
103.105.136	63	475	1900
103.105.137	65	510	2300
103.105.138	67	510	2300
103.105.139	70	555	2900
103.105.140	71	555	2900
103.105.141	75	590	3050
103.105.142	77	590	3050
103.105.143	80	620	4700
103.105.144	82	620	4700
103.105.145	85	665	4900
103.105.146	88	665	4900
103.105.147	90	700	5800
103.105.148	94	700	5800
103.105.149	95	700	5800

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.105.500	1/2	138	65
103.105.501	9/16	138	65
103.105.502	19/32	138	65
103.105.503	5/8	155	90
103.105.504	11/16	155	90
103.105.505	3/4	171	125
103.105.506	25/32	171	125
103.105.507	13/16	171	125
103.105.508	7/8	190	160
103.105.509	15/16	215	250
103.105.510	31/32	215	250
103.105.511	1	215	250
103.105.512	11/16	230	280
103.105.513	11/8	230	280
103.105.514	13/16	254	370
103.105.515	11/4	265	400
103.105.516	15/16	265	400
103.105.517	13/8	295	610
103.105.518	17/16	295	610
103.105.519	11/2	295	610
103.105.520	19/16	330	750
103.105.521	15/8	330	750
103.105.522	111/16	330	750
103.105.523	13/4	365	1050
103.105.524	113/16	365	1050
103.105.525	17/8	365	1050
103.105.526	2	400	1400
103.105.527	21/16	400	1400
103.105.528	21/8	442	1700
103.105.529	23/16	442	1700
103.105.530	21/4	442	1700
103.105.531	25/16	475	1900
103.105.532	23/8	475	1900
103.105.533	27/16	475	1900
103.105.534	21/2	510	2300
103.105.535	29/16	510	2300
103.105.536	23/4	555	2900
103.105.537	215/16	590	3050
103.105.538	3	590	3050
103.105.539	31/8	620	4700
103.105.540	33/8	665	4900
103.105.541	31/2	700	5800
103.105.542	33/4	700	5800

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WRENCHES.**
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STRIKING BOX WRENCH 12-POINT



DIN

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.106.100	17	145	210
103.106.101	19	145	210
103.106.102	22	170	305
103.106.103	24	170	305
103.106.104	25	170	305
103.106.105	26	180	350
103.106.106	27	180	350
103.106.107	28	180	350
103.106.108	29	180	465
103.106.109	30	190	465
103.106.110	32	190	465
103.106.111	33	190	465
103.106.112	34	190	465
103.106.113	35	205	575
103.106.114	36	205	575
103.106.115	37	205	575
103.106.116	38	205	575
103.106.117	41	230	760
103.106.118	42	230	760
103.106.119	46	242	1030
103.106.120	47	242	1030
103.106.121	50	254	1240
103.106.122	52	254	1240
103.106.123	54	254	1490
103.106.124	55	268	1490
103.106.125	56	268	1490
103.106.126	58	268	1780
103.106.127	60	283	1780
103.106.128	63	283	1780
103.106.129	65	300	2200
103.106.130	67	300	2200
103.106.131	70	325	3140
103.106.132	71	325	3140
103.106.133	75	325	3140
103.106.134	77	325	3140
103.106.135	80	358	4025
103.106.136	82	358	4025
103.106.137	85	358	4025
103.106.138	88	388	5400
103.106.139	90	388	5400
103.106.140	94	388	5400
103.106.141	95	388	5400
103.106.142	100	415	7490
103.106.143	105	415	7490
103.106.144	110	450	8500
103.106.145	115	450	8500
103.106.146	120	475	12750
103.106.147	125	475	12750
103.106.148	130	505	17250
103.106.149	135	505	17250
103.106.151	145	575	21000
103.106.152	155	575	21000

STRIKING OPEN END WRENCH



7444DIN 133

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.107.100	27	180	380
103.107.101	28	180	380
103.107.102	29	180	380
103.107.103	30	190	440
103.107.104	32	190	440
103.107.105	33	190	440
103.107.106	34	190	440
103.107.107	35	215	750
103.107.108	36	215	750
103.107.109	37	215	750
103.107.110	38	215	750
103.107.111	41	235	1150
103.107.112	42	235	1150
103.107.113	46	255	1400
103.107.114	47	255	1400
103.107.115	50	275	1600
103.107.116	52	275	1600
103.107.117	54	275	1600
103.107.118	55	300	1800
103.107.119	56	300	1800
103.107.120	58	300	1800
103.107.121	60	320	2500
103.107.122	63	320	2500
103.107.123	65	340	3700
103.107.124	67	340	3700
103.107.125	70	375	4000
103.107.127	75	375	4000
103.107.129	80	410	6300
103.107.131	85	410	6300
103.107.133	90	445	8000
103.107.135	95	445	8000
103.107.136	100	485	9900
103.107.137	105	485	9900
103.107.138	110	510	19500
103.107.139	115	510	19500
103.107.140	120	545	23000
103.107.141	125	545	23000
103.107.142	130	575	28000
103.107.143	135	575	28000
103.107.144	145	640	38000
103.107.145	150	640	38000
103.107.146	155	640	38000

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.107.500	11/16	180	380
103.107.501	11/8	180	380
103.107.502	13/16	190	440
103.107.503	11/4	190	440
103.107.504	15/16	190	440
103.107.505	13/8	215	750
103.107.506	17/16	215	750
103.107.507	11/2	215	750
103.107.508	19/16	235	1150
103.107.509	15/8	235	1150
103.107.510	111/16	235	1150
103.107.511	13/4	255	1400
103.107.512	113/16	255	1400
103.107.513	17/8	255	1400
103.107.514	2	275	1600
103.107.515	2 1/16	275	1600
103.107.516	2 3/8	275	1600
103.107.517	2 3/16	300	1800
103.107.518	2 1/4	300	1800
103.107.519	2 5/16	300	1800
103.107.520	2 3/8	320	2500
103.107.521	2 7/16	320	2500
103.107.522	2 1/2	320	2500
103.107.523	2 9/16	340	3700
103.107.524	2 5/8	340	3700
103.107.525	2 3/4	375	4000
103.107.526	2 13/16	375	4000
103.107.527	2 15/16	375	4000
103.107.528	3	375	4000
103.107.529	3 1/8	410	6300
103.107.530	3 1/4	410	6300
103.107.531	3 3/8	410	6300
103.107.532	3 1/2	445	8000
103.107.533	3 5/8	445	8000
103.107.534	3 3/4	445	8000
103.107.535	3 7/8	485	9900
103.107.536	4	485	9900
103.107.537	4 1/8	485	9900
103.107.538	4 5/16	510	19500
103.107.539	4 9/16	510	19500
103.107.540	4 11/16	545	23000
103.107.541	4 15/16	545	23000
103.107.543	5 3/8	575	28000
103.107.545	6	640	38000

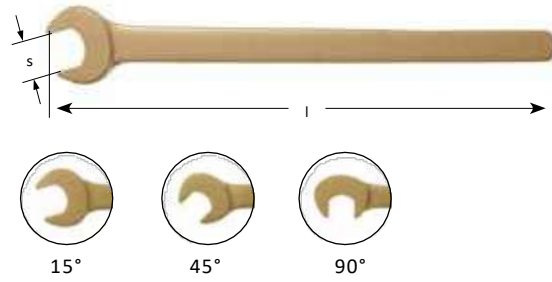
SINGLE END BOX WRENCH FOR EXTENSION TUBE



Product code	Diamete r (mm)	Length (mm)	Weig ht (g)	Extension
103.108.100	30	235	800	AK 1600
103.108.101	32	235	800	AK 1600
103.108.102	33	235	800	AK 1600
103.108.103	34	235	800	AK 1600
103.108.104	35	245	850	AK 1600
103.108.105	36	245	850	AK 1600
103.108.106	37	245	850	AK 1600
103.108.107	38	255	950	AK 1600
103.108.108	41	265	1000	AK 1600
103.108.109	42	265	1000	AK 1600
103.108.110	46	280	1400	AK 1700
103.108.111	47	280	1400	AK 1700
103.108.112	50	290	1550	AK 1700
103.108.113	52	290	1550	AK 1700
103.108.114	54	300	1650	AK 1700
103.108.115	55	300	1650	AK 1700
103.108.116	56	300	1650	AK 1700
103.108.117	58	345	2450	AK 1750
103.108.118	60	345	2450	AK 1750
103.108.119	63	345	2450	AK 1750
103.108.120	65	355	2700	AK 1750
103.108.121	67	355	2700	AK 1750
103.108.122	70	365	2850	AK 1750
103.108.123	71	365	2850	AK 1750
103.108.124	75	375	3200	AK 1750
103.108.125	77	375	3200	AK 1750
103.108.126	80	385	3600	AK 1750
103.108.127	82	385	3600	AK 1750
103.108.128	85	385	3600	AK 1750

Product code	Diamete r (mm)	Length (mm)	Weight (g)	Extension
103.108.500	13/16	235	800	AK 1600
103.108.501	11/4	235	800	AK 1600
103.108.502	15/16	235	800	AK 1600
103.108.503	13/8	245	850	AK 1600
103.108.504	17/16	245	850	AK 1600
103.108.505	11/2	255	950	AK 1600
103.108.506	19/16	255	1000	AK 1600
103.108.507	15/8	265	1000	AK 1600
103.108.508	111/16	265	1000	AK 1600
103.108.509	13/4	280	1400	AK 1700
103.108.510	113/16	280	1400	AK 1700
103.108.511	17/8	290	1550	AK 1700
103.108.512	2	290	1550	AK 1700
103.108.513	2 1/16	290	1550	AK 1700
103.108.514	2 1/8	300	1650	AK 1700
103.108.515	2 3/16	300	1650	AK 1700
103.108.516	2 1/4	300	1650	AK 1700
103.108.517	2 5/16	345	2450	AK 1700
103.108.518	2 3/8	345	2450	AK 1750
103.108.519	2 7/16	345	2450	AK 1750
103.108.520	2 1/2	355	2700	AK 1750
103.108.521	2 9/16	355	2700	AK 1750
103.108.522	2 5/8	355	2700	AK 1750
103.108.523	2 3/4	365	2850	AK 1750
103.108.524	2 13/16	365	2850	AK 1750
103.108.525	2 15/16	375	3200	AK 1750
103.108.526	3	375	3200	AK 1750
103.108.527	3 1/8	385	3600	AK 1750
103.108.528	3 1/4	385	3600	AK 1750
103.108.529	3 3/8	385	3600	AK 1750

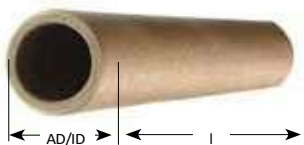
LONG HANDLE OPEN END WRENCH



Product code	Product code	Product code	Diamete r (mm)	Length (mm)	Weig ht (g)
103.109.100	103.109.200	103.109.300	22	320	450
103.109.101	103.109.201	103.109.301	23	320	450
103.109.102	103.109.202	103.109.302	24	348	600
103.109.103	103.109.203	103.109.303	25	348	600
103.109.104	103.109.204	103.109.304	26	380	850
103.109.105	103.109.205	103.109.305	27	380	850
103.109.106	103.109.206	103.109.306	28	416	1050
103.109.107	103.109.207	103.109.307	29	416	1050
103.109.108	103.109.208	103.109.308	30	416	1050
103.109.109	103.109.209	103.109.309	32	453	1350
103.109.110	103.109.210	103.109.310	33	453	1350
103.109.111	103.109.211	103.109.311	34	453	1350
103.109.112	103.109.212	103.109.312	35	497	1700
103.109.113	103.109.213	103.109.313	36	497	1700
103.109.114	103.109.214	103.109.314	37	497	1700
103.109.115	103.109.215	103.109.315	38	497	1700
103.109.116	103.109.216	103.109.316	41	546	2350
103.109.117	103.109.217	103.109.317	42	546	2350
103.109.118	103.109.218	103.109.318	46	600	2800
103.109.119	103.109.219	103.109.319	47	600	2800
103.109.120	103.109.220	103.109.320	50	662	4000
103.109.121	103.109.221	103.109.321	52	662	4000
103.109.122	103.109.222	103.109.322	54	662	4000
103.109.123	103.109.223	103.109.323	55	730	5300
103.109.124	103.109.224	103.109.324	56	730	5300
103.109.125	103.109.225	103.109.325	58	805	6850
103.109.126	103.109.226	103.109.326	60	805	6850
103.109.500	103.109.600	103.109.700	13/16	320	450
103.109.501	103.109.601	103.109.701	7/8	320	450
103.109.502	103.109.602	103.109.702	15/16	348	600
103.109.503	103.109.603	103.109.703	31/32	348	600
103.109.504	103.109.604	103.109.704	1	380	850
103.109.505	103.109.605	103.109.705	11/16	380	850
103.109.506	103.109.606	103.109.706	1 1/8	416	1050
103.109.507	103.109.607	103.109.707	13/16	416	1050
103.109.508	103.109.608	103.109.708	1 1/4	416	1050
103.109.509	103.109.609	103.109.709	15/16	416	1050
103.109.510	103.109.610	103.109.710	13/8	497	1700
103.109.511	103.109.611	103.109.711	17/16	497	1700
103.109.512	103.109.612	103.109.712	1 1/2	497	1700
103.109.513	103.109.613	103.109.713	19/16	546	2350
103.109.514	103.109.614	103.109.714	15/8	546	2350
103.109.515	103.109.615	103.109.715	111/16	600	2800
103.109.516	103.109.616	103.109.716	13/4	600	2800
103.109.517	103.109.617	103.109.717	113/16	600	2800
103.109.518	103.109.618	103.109.718	17/8	662	4000
103.109.519	103.109.619	103.109.719	2	662	4000
103.109.520	103.109.620	103.109.720	2 1/16	662	4000
103.109.521	103.109.621	103.109.721	2 1/8	730	5300
103.109.522	103.109.622	103.109.722	2 3/16	730	5300
103.109.523	103.109.623	103.109.723	2 1/4	805	6850
103.109.524	103.109.624	103.109.724	2 5/16	805	6850
103.109.525	103.109.625	103.109.725	2 3/8	805	6850

RELATED PRODUCT

DRIVE TUBE

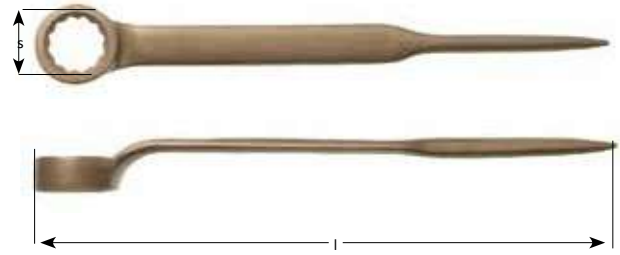


Product code	Artide No	Length (mm)	Diamete r (mm)	Weig ht (g)
103.108.900	AK 1600	600	30/22	800
103.108.901	AK 1700	700	35/25	1450
103.108.902	AK 1750	750	40/30	2250

CONSTRUCTION OPEN END WRENCH WITH PIN



CONSTRUCTION BOX WRENCH OFFSET WITH PIN



Product code	Diameter (mm)	Length (mm)	Weight (g)
103.110.100	17	320	270
103.110.101	18	320	270
103.110.102	19	350	465
103.110.103	20	350	465
103.110.104	21	350	465
103.110.105	22	350	465
103.110.106	23	370	650
103.110.107	24	370	650
103.110.108	25	370	650
103.110.109	26	370	650
103.110.110	27	370	650
103.110.111	28	400	950
103.110.112	29	400	950
103.110.113	30	400	950
103.110.114	32	400	950
103.110.115	33	400	950
103.110.116	34	400	950
103.110.117	35	430	1400
103.110.118	36	430	1400
103.110.119	37	430	1400
103.110.120	38	430	1400
103.110.121	41	470	1900
103.110.122	42	470	1900
103.110.123	46	500	2700
103.110.124	47	500	2700
103.110.125	50	530	3550

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.110.500	11/16	320	270
103.110.501	3/4	350	465
103.110.502	25/32	350	465
103.110.503	13/16	350	465
103.110.504	7/8	350	465
103.110.505	15/16	370	650
103.110.506	31/32	370	650
103.110.507	1	370	650
103.110.508	11/16	370	650
103.110.509	11/8	400	950
103.110.510	13/16	400	950
103.110.511	11/4	400	950
103.110.512	15/16	400	950
103.110.513	13/8	430	1400
103.110.514	17/16	430	1400
103.110.515	11/2	430	1400
103.110.516	19/16	470	1900
103.110.517	15/8	470	1900
103.110.518	111/16	470	1900
103.110.519	13/4	500	2700
103.110.520	113/16	500	2700
103.110.521	17/8	500	2700
103.110.522	2	530	3550

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.111.100	17	320	295
103.111.101	18	320	295
103.111.102	19	350	510
103.111.103	20	350	510
103.111.104	21	350	510
103.111.105	22	350	510
103.111.106	23	370	715
103.111.107	24	370	715
103.111.108	25	370	715
103.111.109	26	370	715
103.111.110	27	370	715
103.111.111	28	400	1145
103.111.112	29	400	1145
103.111.113	30	400	1145
103.111.114	32	400	1145
103.111.115	33	400	1145
103.111.116	34	400	1145
103.111.117	35	430	1540
103.111.118	36	430	1540
103.111.119	37	430	1540
103.111.120	38	430	1540
103.111.121	41	470	2090
103.111.122	42	470	2090
103.111.123	46	500	2970
103.111.124	47	500	2970
103.111.125	50	530	3900

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.111.500	11/16	320	295
103.111.501	3/4	350	510
103.111.502	25/32	350	510
103.111.503	13/16	350	510
103.111.504	7/8	350	510
103.111.505	15/16	370	715
103.111.506	31/32	370	715
103.111.507	1	370	715
103.111.508	11/16	370	715
103.111.509	11/8	400	1145
103.111.510	13/16	400	1145
103.111.511	11/4	400	1145
103.111.512	15/16	400	1145
103.111.513	13/8	430	1540
103.111.514	17/16	430	1540
103.111.515	11/2	430	1540
103.111.516	19/16	470	2090
103.111.517	15/8	470	2090
103.107.518	111/16	470	2090
103.107.519	13/4	500	2970
103.107.520	113/16	500	2970
103.107.521	17/8	500	2970
103.107.522	2	530	3900

ADJUSTABLE END WRENCH



MONKEY WRENCH



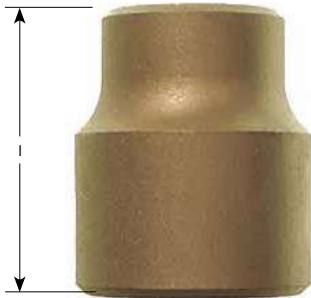
Code product	Diameter (mm)	Diameter (inches)	Length (mm)	Length (inches)	Weight (g)
103.112.100	19	3/4	150	6	100
103.112.101	25	1	200	8	200
103.112.102	30	1 3/16	250	10	313
103.112.103	36	1 3/8	300	12	567
103.112.104	44	1 3/4	380	15	1275
103.112.105	55	2 3/16	450	18	2500

Code product	Diameter (mm)	Length (inches)	Length (mm)	Weight (g)
103.113.100	40	1 1/2	200	680
103.113.101	50	2	245	1005
103.113.102	60	2 3/8	290	1595
103.113.103	70	2 3/4	360	2415
103.113.104	80	3 1/8	415	3800
103.113.105	105	4	480	5080

SOCKETS, 6 POINT

HEXAGON SOCKET WRENCH

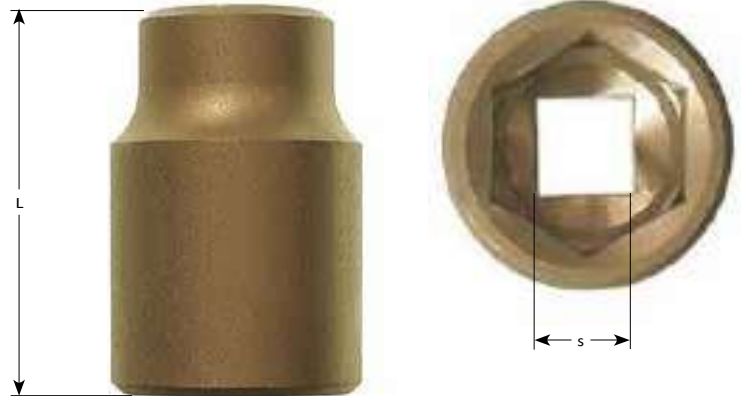
SHORT



1/4" socket 1/4"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.100	4	22	11
103.120.101	4.5	22	11
103.120.102	5	22	12
103.120.103	5.5	22	12
103.120.104	6	22	12
103.120.105	7	22	13
103.120.106	8	22	15
103.120.107	9	22	17
103.120.108	10	22	18
103.120.109	11	22	24
103.120.110	12	22	32
103.120.111	13	22	32
103.120.112	14	22	40

LONG



socket

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.500	3/16	22	
103.120.501	7/32	22	12
103.120.502	1/4	22	12
103.120.503	9/32	22	13
103.120.504	5/16	22	15
103.120.505	11/32	22	17
103.120.506	3/8	22	18
103.120.507	7/16	22	32
103.120.508	1/2	22	32
103.120.509	9/16	22	40

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.113	4	50	25
103.120.114	4.5	50	25
103.120.115	5	50	28
103.120.116	5.5	50	28
103.120.117	6	50	28
103.120.118	7	50	30
103.120.119	8	50	34
103.120.120	9	50	39
103.120.121	10	50	41
103.120.122	11	50	55
103.120.123	12	50	72
103.120.124	13	50	72
103.120.125	14	50	90

1/2" socket 1/2"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.200	8	40	65
103.120.201	9	40	65
103.120.202	10	40	75
103.120.203	11	40	75
103.120.204	12	40	75
103.120.205	13	40	75
103.120.206	14	40	80
103.120.207	15	40	85
103.120.208	16	40	85
103.120.209	17	40	100
103.120.210	18	40	100
103.120.211	19	42	110
103.120.212	20	42	110
103.120.213	21	42	125
103.120.214	22	44	140
103.120.215	23	44	140
103.120.216	24	46	180
103.120.217	25	46	180
103.120.218	26	46	220
103.120.219	27	48	220
103.120.220	28	48	230
103.120.221	29	48	260
103.120.222	30	50	260
103.120.223	32	50	260

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.600	5/16	40	125
103.120.601	3/8	40	125
103.120.602	7/16	40	145
103.120.603	1/2	40	145
103.120.604	9/16	40	145
103.120.605	19/32	40	145
103.120.606	5/8	40	150
103.120.607	11/16	40	155
103.120.608	3/4	42	155
103.120.609	25/32	42	185
103.120.610	13/16	42	185
103.120.611	7/8	44	200
103.120.612	15/16	46	200
103.120.613	1	46	230
103.120.614	11/9	48	255
103.120.615	11/8	48	255
103.120.616	11/5	50	330
103.120.617	11/4	50	330

socket

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.224	8	82	125
103.120.225	9	82	125
103.120.226	10	82	145
103.120.227	11	82	145
103.120.228	12	82	145
103.120.229	13	82	145
103.120.230	14	82	150
103.120.231	15	82	155
103.120.232	16	82	155
103.120.233	17	82	185
103.120.234	18	82	185
103.120.235	19	82	200
103.120.236	20	82	200
103.120.237	21	82	230
103.120.238	22	82	255
103.120.239	23	82	255
103.120.240	24	82	330
103.120.241	25	82	330
103.120.242	26	82	400
103.120.243	27	82	400
103.120.244	28	82	420
103.120.245	29	82	475
103.120.246	30	82	475
103.120.247	32	82	475

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.618	5/16	82	125
103.120.619	3/8	82	125
103.120.620	7/16	82	145
103.120.621	1/2	82	145
103.120.622	9/16	82	150
103.120.623	19/32	82	155
103.120.624	5/8	82	155
103.120.625	11/16	82	185
103.120.626	3/4	82	200
103.120.627	25/32	82	200
103.120.628	13/16	82	230
103.120.629	7/8	82	255
103.120.630	15/16	82	330
103.120.631	1	82	400
103.120.632	11/9	82	400
103.120.633	11/8	82	475
103.120.634	11/5	82	475
103.120.635	11/4	82	475

3/4" socket 3/4"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.300	19	50	190
103.120.301	22	50	230
103.120.302	24	50	260
103.120.303	27	55	280
103.120.304	30	55	300
103.120.305	32	60	330
103.120.306	33	60	350
103.120.307	34	60	350
103.120.308	35	60	350
103.120.309	36	65	400
103.120.310	37	65	400
103.120.311	38	65	450
103.120.312	41	65	450
103.120.313	42	65	550
103.120.314	46	65	600
103.120.315	47	65	600
103.120.316	50	65	700
103.120.317	52	65	700
103.120.318	55	65	850
103.120.319	60	65	1300

socket

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.700	3/4	50	190
103.120.701	7/8	50	230
103.120.702	1 1/9	55	260
103.120.703	1 1/5	55	280
103.120.704	1 1/3	55	300
103.120.705	1 3/8	62	350
103.120.706	1 4/9	65	350
103.120.707	1 1/2	65	400
103.120.708	1 5/9	65	450
103.120.709	1 5/8	65	450
103.120.710	1 2/3	65	450
103.120.711	1 3/4	65	550
103.120.712	1 4/5	65	550
103.120.713	1 7/8	65	600
103.120.714	1 8/9	65	600
103.120.715	2	65	700

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.320	19	90	300
103.120.321	22	90	355
103.120.322	24	90	400
103.120.323	27	90	430
103.120.324	30	90	435
103.120.325	32	90	480
103.120.326	33	90	510
103.120.327	34	90	510
103.120.328	35	90	540
103.120.329	36	90	554
103.120.330	37	90	554
103.120.331	38	90	690
103.120.332	41	90	690
103.120.333	42	90	850
103.120.334	46	100	925
103.120.335	47	100	925
103.120.336	50	100	1080
103.120.337	52	100	1080
103.120.338	55	100	1300
103.120.339	60	100	2000

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.716	7/8	90	300
103.120.717	1	90	355
103.120.718	1 1/9	90	400
103.120.719	1 1/5	90	430
103.120.720	1 1/3	90	480
103.120.721	1 3/8	90	510
103.120.722	1 4/9	90	540
103.120.723	1 1/2	90	615
103.120.724	1 5/9	90	690
103.120.725	1 5/8	90	690
103.120.726	1 2/3	90	850
103.120.727	1 3/4	100	850
103.120.728	1 4/5	100	925
103.120.729	1 7/8	100	925
103.120.730	1 8/9	100	1080
103.120.731	2	100	1080

Socket 1"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.400	36	70	685
103.120.401	41	70	853
103.120.402	46	75	1114
103.120.403	50	80	1374
103.120.404	55	85	1727
103.120.405	60	90	2134
103.120.406	65	95	2601
103.120.407	70	95	2974
103.120.408	75	100	3550
103.120.409	80	100	3996
103.120.800	1 7/16	70	578

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.801	1 1/2	70	685
103.120.802	1 5/8	70	853
103.120.803	1 13/16	75	1114
103.120.804	2	80	1374
103.120.805	2 1/8	85	1727
103.120.806	2 3/8	90	2134
103.120.807	2 9/16	95	2601
103.120.808	2 3/4	95	2974
103.120.809	2 15/16	100	3550
103.120.810	3 1/8	100	3996

Socket 1"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.410	36	100	979
103.120.411	41	100	1219
103.120.412	46	115	1708
103.120.413	50	115	1975
103.120.414	55	125	2539
103.120.415	60	125	2964
103.120.416	65	135	3696
103.120.417	70	135	4227
103.120.418	75	140	4970
103.120.419	80	140	5594
103.120.811	1 4/9	100	890

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.120.812	1 1/2	100	979
103.120.813	1 5/8	100	1219
103.120.814	1 4/5	115	1708
103.120.815	2	115	1975
103.120.816	2 1/8	125	2539
103.120.817	2 3/8	125	2964
103.120.818	2 5/9	135	3696
103.120.819	2 3/4	135	4227
103.120.820	2 8/9	140	4970
103.120.821	3 1/8	140	5594

AVAILABLE SETS

SOCKET SETS

1/4" Socket

Product code	Diameter (mm)	Weight (g)	Accessories
103.120.050	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	980	Lever with ratchet, 100 mm extension, perpendicular sliding lever, universal joint.
103.120.051	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16	900	

1/2" Socket

Product code	Diameter (mm)	Weight (g)	Accessories
103.120.052	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	7200	Ratchet lever, 75 mm and 250 mm extension, perpendicular sliding lever, perpendicular lever, universal joint.
103.120.053	5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 1/4	6900	

3/4" Socket

Product code	Diameter (mm)	Weight (g)	Accessories
103.120.054	19, 22, 24, 27, 30, 32, 36, 38, 41, 46, 50, 55, 60	15200	Ratchet lever, 200 mm and 400 mm extension, sliding perpendicular lever, perpendicular lever, universal joint.
103.120.055	15/16, 1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 2	14150	

1" Socket

Product code	Diameter (mm)	Weight (g)	Accessories
103.120.056	36, 41, 46, 50, 55, 60, 65, 70, 75, 80	37400	Ratchet lever, extension 200 and 400 mm, perpendicular sliding lever, universal joint
103.120.057	1 7/16, 1 5/8, 1 13/16, 2, 2 1/8, 2 3/8, 2 9/16, 2 3/4, 2 15/16, 3 1/8	37300	

IMPACT SOCKET

SHORT



LONG



1/2" socket

1/2" socket

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.100	8	42	65
103.121.101	9	42	65
103.121.102	10	42	75
103.121.103	11	42	75
103.121.104	12	44	75
103.121.105	13	44	75
103.121.106	14	44	80
103.121.107	15	44	85
103.121.108	16	44	85
103.121.109	17	44	100
103.121.110	18	44	100
103.121.111	19	44	110
103.121.112	20	44	110
103.121.113	21	44	125
103.121.114	22	44	140
103.121.115	23	44	140
103.121.116	24	46	180
103.121.117	25	46	180
103.121.118	26	46	220
103.121.119	27	48	220
103.121.120	28	48	230
103.121.121	29	48	260
103.121.122	30	50	260
103.121.123	32	50	260

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.500	5/16	42	65
103.121.501	3/8	42	75
103.121.502	7/16	42	75
103.121.503	1/2	44	75
103.121.504	9/16	44	75
103.121.505	19/32	44	80
103.121.506	5/8	44	85
103.121.507	11/16	44	100
103.121.508	3/4	44	100
103.121.509	25/32	44	110
103.121.510	13/16	44	110
103.121.511	7/8	44	125
103.121.512	15/16	44	140
103.121.513	1	44	180
103.121.514	1 1/16	44	220
103.121.515	1 1/8	44	230
103.121.516	1 3/16	44	230
103.121.517	1 1/4	44	260

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.124	8	82	125
103.121.125	9	82	125
103.121.126	10	82	145
103.121.127	11	82	145
103.121.128	12	82	145
103.121.129	13	82	145
103.121.130	14	82	150
103.121.131	15	82	155
103.121.132	16	82	155
103.121.133	17	82	185
103.121.134	18	82	185
103.121.135	19	82	200
103.121.136	20	82	200
103.121.137	21	82	230
103.121.138	22	82	255
103.121.139	23	82	255
103.121.140	24	82	330
103.121.141	25	82	330
103.121.142	26	82	400
103.121.143	27	82	400
103.121.144	28	82	420
103.121.145	29	82	475
103.121.146	30	82	475
103.121.147	32	82	475

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.518	DC 4008	82	125
103.121.519	DC 4009	82	125
103.121.520	DC 4011	82	145
103.121.521	DC 4013	82	145
103.121.522	DC 4014	82	150
103.121.523	DC 4015	82	155
103.121.524	DC 4016	82	155
103.121.525	DC 4018	82	185
103.121.526	DC 4019	82	200
103.121.527	DC 4020	82	200
103.121.528	DC 4021	82	230
103.121.529	DC 4022	82	255
103.121.530	DC 4024	82	330
103.121.531	DC 4026	82	400
103.121.532	DC 4027	82	400
103.121.533	DC 4029	82	475
103.121.534	DC 4030	82	475
103.121.535	DC 4032	82	475

3/4" socket

3/4" socket

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.200	19	55	190
103.121.201	22	55	230
103.121.202	24	55	260
103.121.203	27	55	280
103.121.204	30	62	300
103.121.205	32	62	330
103.121.206	34	62	350
103.121.207	36	65	400
103.121.208	41	65	450
103.121.209	46	65	600
103.121.210	50	65	700
103.121.211	55	65	850
103.121.212	60	65	1300

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.600	3/4	55	190
103.121.601	7/8	55	230
103.121.602	1	55	260
103.121.603	1 1/16	55	280
103.121.604	1 3/16	55	300
103.121.605	1 5/16	62	350
103.121.606	1 3/8	65	350
103.121.607	1 7/16	65	400
103.121.608	1 1/2	65	450
103.121.609	1 5/8	65	450
103.121.610	1 3/4	65	550
103.121.611	1 7/8	65	600
103.121.612	2	65	700

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.213	19	90	300
103.121.214	22	90	355
103.121.215	24	90	400
103.121.216	27	90	430
103.121.217	30	95	460
103.121.218	32	95	480
103.121.219	34	95	510
103.121.220	36	95	585
103.121.221	41	100	690
103.121.222	46	100	925
103.121.223	50	100	1080
103.121.224	55	100	1300
103.121.225	60	100	2000

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.612	3/4	90	300
103.121.613	7/8	90	355
103.121.614	1 1/9	90	430
103.121.615	1 1/5	90	480
103.121.616	1 1/3	95	510
103.121.617	1 3/8	95	540
103.121.618	1 4/9	95	615
103.121.619	1 1/2	95	690
103.121.620	1 5/8	100	690
103.121.621	1 3/4	100	850
103.121.622	1 7/8	100	925
103.121.623	2	100	1080

1/2" socket 1/2"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.300	30	65	557
103.121.301	32	65	614
103.121.303	34	65	673
103.121.304	36	70	792
103.121.305	41	70	972
103.121.306	46	75	1254
103.121.307	50	80	1534
103.121.308	55	85	1911
103.121.309	60	90	2345
103.121.310	65	95	2839
103.121.311	70	95	3229
103.121.312	75	100	3835
103.121.313	80	100	4297

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.700	1 1/8	65	557
103.121.701	1 1/4	65	614
103.121.702	1 5/16	65	673
103.121.703	1 1/2	70	792
103.121.704	1 5/8	70	972
103.121.705	1 13/16	75	1254
103.121.706	2	80	1534
103.121.707	2 1/8	85	1911
103.121.708	2 3/8	90	2345
103.121.709	2 9/16	95	2839
103.121.710	2 3/4	95	3229
103.121.711	2 15/16	95	3835
103.121.712	3 1/8	95	4297

socket

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.314	30	100	857
103.121.315	32	100	944
103.121.316	34	100	1035
103.121.317	36	100	1131
103.121.318	41	100	1388
103.121.319	46	115	1922
103.121.320	50	115	2205
103.121.321	55	125	2810
103.121.322	60	125	3257
103.121.323	65	135	4035
103.121.324	70	135	4588
103.121.325	75	140	5369
103.121.326	80	140	6016

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.713	1 1/8	100	857
103.121.714	1 1/4	100	944
103.121.715	1 1/2	100	1131
103.121.716	1 5/8	100	1388
103.121.717	1 4/5	100	1922
103.121.718	2	115	2205
103.121.719	2 1/8	115	2810
103.121.720	2 3/8	125	3257
103.121.721	2 5/9	125	4035
103.121.722	2 3/4	135	4588
103.121.723	2 8/9	135	5369
103.121.724	3 1/8	140	6016

Socket 1 1/2"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.400	36	80	1082
103.121.401	41	80	1336
103.121.402	46	85	1663
103.121.403	50	90	1955
103.121.404	55	90	2343
103.121.405	60	95	2838
103.121.406	65	100	3397
103.121.407	70	105	4025
103.121.408	75	110	4725
103.121.409	80	115	5550
103.121.410	85	120	6359
103.121.411	90	125	7418
103.121.412	95	127	8139
103.121.413	100	130	9103
103.121.414	105	130	9910

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.800	1 3/8	80	1082
103.121.801	1 5/8	80	1336
103.121.802	1 13/16	85	1663
103.121.803	2	90	1955
103.121.804	2 1/8	90	2343
103.121.805	2 3/8	95	2838
103.121.806	2 9/16	100	3397
103.121.807	2 3/4	105	4025
103.121.808	2 15/16	110	4725
103.121.809	3 1/8	115	5550
103.121.810	3 3/8	120	6359
103.121.811	3 1/2	125	7418
103.121.812	3 3/4	127	8139
103.121.813	3 15/16	130	9103
103.121.814	4 1/8	130	9910

Socket 1 1/2"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.415	36	120	1664
103.121.416	41	120	2004
103.121.417	46	150	2970
103.121.418	50	150	3370
103.121.419	55	150	3906
103.121.420	60	150	4481
103.121.421	65	150	5095
103.121.422	70	170	6516
103.121.423	75	170	7302
103.121.424	80	180	8611
103.121.425	85	180	9539
103.121.426	90	180	10513
103.121.427	95	180	11535
103.121.428	100	180	12604
103.121.429	105	190	14483

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.815	1 3/8	120	1664
103.121.816	1 5/8	120	2004
103.121.817	1 4/5	150	2970
103.121.818	2	150	3370
103.121.819	2 1/8	150	3906
103.121.820	2 3/8	150	4481
103.121.821	2 5/9	150	5095
103.121.822	2 3/4	170	6516
103.121.823	2 8/9	170	7302
103.121.824	3 1/8	180	8611
103.121.825	3 3/8	180	9539
103.121.826	3 1/2	180	10513
103.121.827	3 3/4	180	11535
103.121.828	3 8/9	180	12604
103.121.829	4 1/8	190	14483

Socket 2 1/2"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.900	75	140	6653
103.121.901	80	140	7371
103.121.902	85	140	8127
103.121.903	90	150	9557
103.121.904	95	150	10445
103.121.905	100	150	11373
103.121.906	105	150	12341
103.121.907	110	150	13348
103.121.908	115	150	14394
103.121.909	120	150	15480
103.121.910	125	150	16605

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.950	2 8/9	140	6653
103.121.951	3 1/8	140	7371
103.121.952	3 3/8	140	8127
103.121.953	3 1/2	150	9557
103.121.954	3 3/4	150	10445
103.121.955	3 8/9	150	11373
103.121.956	4 1/8	150	12341
103.121.957	4 1/3	150	13348
103.121.958	4 1/2	150	14394
103.121.959	4 3/4	150	15480
103.121.960	4 8/9	150	16605

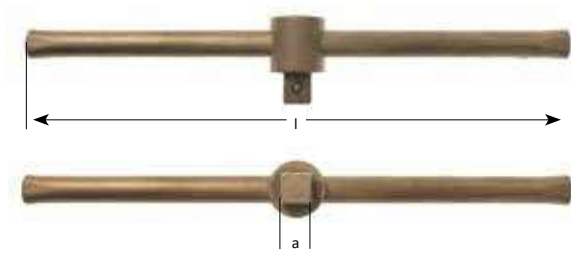
Socket 2 1/2"

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.911	75	180	8553
103.121.912	80	180	9478
103.121.913	85	180	10449
103.121.914	90	200	12742
103.121.915	95	200	13927
103.121.916	100	200	15164
103.121.917	105	220	18099
103.121.918	110	220	19576
103.121.919	115	220	21111
103.121.920	120	220	22704
103.121.921	125	220	24355

Product code	Diameter (mm)	Length (mm)	Weight (g)
103.121.961	2 8/9	180	8553
103.121.962	3 1/8	180	9478
103.121.963	3 3/8	180	10449
103.121.964	3 1/2	200	12742
103.121.965	3 3/4	200	13927
103.121.966	3 8/9	200	15164
103.121.967	4 1/8	220	18099
103.121.968	4 1/3	220	19576
103.121.969	4 1/2	220	21111
103.121.970	4 3/4	220	22704
103.121.971	4 8/9	220	24355

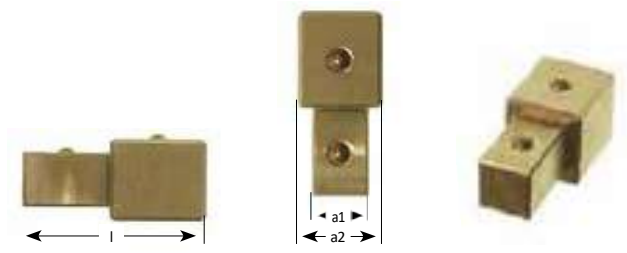
TOOLS TO FIT SOCKET WRENCHES

SLIDING T BAR



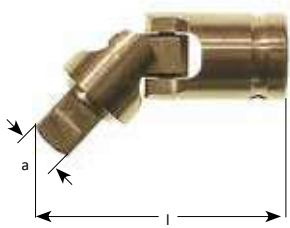
Product code	Socket (mm)	Length (mm)	Weight (g)
103.120.018	1/4	115	55
103.120.019	1/2	290	500
103.120.020	3/4	500	1200
103.120.021	1	700	3000

ADAPTER



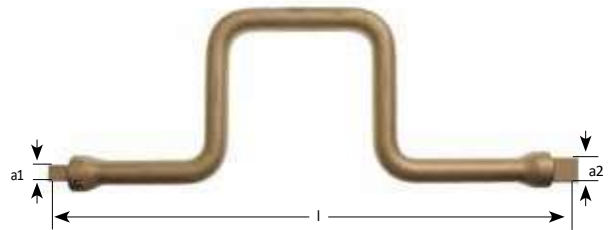
Product code	Socket 1 (inch)	Socket 2 (inch)	Length (mm)	Weight (g)
103.120.027	1/4	1/2	24	36
103.120.028	1/2	3/4	42	80
103.120.029	3/4	1	45	380

UNIVERSAL JOINT



Product code	Socket (inch)	Length (mm)	Weight (g)
103.120.022	1/4	33	25
103.120.023	1/2	75	190
103.120.024	3/4	90	350
103.120.025	1	120	1350

SPEED HANDLE 1/2"-3/4"



Product code	Socket 1 (inch)	Socket 2 (inch)	Length (mm)	Weight (g)
103.120.026	1/2	3/4	410	1350

IMPACT EXTENSION BAR



Product code	Socket (mm)	Length (mm)	Weight (g)
103.121.000	1/2	75	155
103.121.001	1/2	125	260
103.121.002	3/4	125	385
103.121.003	3/4	250	530
103.121.004	1	150	910
103.121.005	1	300	1650

IMPACT UNIVERSAL JOINT



Product code	Socket (mm)	Length (mm)	Weight (g)
103.121.006	1/2	60	210
103.121.007	3/4	108	370
103.121.008	1	113	1500

SOCKET WRENCH L TYPE 6 POINT



Product code	Diameter (mm)	Length (mm)	Length b (mm)	Weight (g)
103.125.100	8	33	175	100
103.125.101	9	35	185	120
103.125.102	10	37	195	140
103.125.103	11	39	205	180
103.125.104	12	42	220	220
103.125.105	13	45	240	280
103.125.106	14	45	240	280
103.125.107	15	48	250	300
103.125.108	16	48	250	300
103.125.109	17	51	270	320
103.125.110	18	51	270	320
103.125.111	19	55	290	530
103.125.112	20	55	290	530
103.125.113	21	59	310	680
103.125.114	22	59	310	680
103.125.115	23	63	335	830
103.125.116	24	63	335	830
103.125.117	25	69	365	1000
103.125.118	26	69	365	1000
103.125.119	27	69	365	1000
103.125.120	28	75	395	1300
103.125.121	29	75	395	1300
103.125.122	30	75	395	1300
103.125.123	32	81	425	1700
103.125.124	33	81	425	1700
103.125.125	34	81	425	1700
103.125.126	35	89	465	2800
103.125.127	36	89	465	2800
103.125.128	37	89	465	2800
103.125.129	38	89	465	2800
103.125.130	41	96	510	3600
103.125.131	42	96	510	3600
103.125.132	46	105	555	4000
103.125.133	47	105	555	4000
103.125.134	50	114	605	4800
103.125.135	52	114	605	4800
103.125.136	54	120	660	6400
103.125.137	55	120	660	6400
103.125.138	56	120	660	6400
103.125.139	58	138	730	8200
103.125.140	60	138	730	8200
103.125.141	63	138	730	8200
103.125.142	65	150	800	10400
103.125.143	67	150	800	10400
103.125.144	70	150	800	10400
103.125.145	71	150	800	10400
103.125.146	75	166	880	14100
103.125.147	77	166	880	14100
103.125.148	80	166	880	14100

Product code	Diameter (mm)	Length (mm)	Length b (mm)	Weight (g)
103.125.149	82	166	880	14100
103.125.500	5/16	33	175	100
103.125.501	3/8	37	195	140
103.125.502	13/32	39	205	180
103.125.503	7/16	42	220	220
103.125.504	1/2	45	240	280
103.125.505	9/16	45	240	280
103.125.506	19/32	48	250	300
103.125.507	5/8	48	250	300
103.125.508	11/16	51	270	320
103.125.509	3/4	55	290	530
103.125.510	25/32	55	290	530
103.125.511	13/16	59	310	680
103.125.512	7/8	59	310	680
103.125.513	15/16	63	335	830
103.125.514	31/32	69	365	1000
103.125.515	1	69	365	1000
103.125.516	1 1/9	75	395	1300
103.125.517	1 1/8	75	395	1300
103.125.518	1 1/5	75	395	1300
103.125.519	1 1/4	81	425	1700
103.125.520	1 1/3	81	425	1700
103.125.521	1 3/8	89	465	2800
103.125.522	1 4/9	89	465	2800
103.125.523	1 1/2	89	465	2800
103.125.524	1 5/9	96	510	3600
103.125.525	1 5/8	96	510	3600
103.125.526	1 2/3	96	510	3600
103.125.527	1 3/4	105	555	4000
103.125.528	1 4/5	105	555	4000
103.125.529	1 7/8	105	555	4000
103.125.530	2	114	605	4800
103.125.531	2 1/9	114	605	4800
103.125.532	2 1/8	120	660	6400
103.125.533	2 1/5	120	660	6400
103.125.534	2 1/4	120	660	6400
103.125.535	2 1/3	138	730	8200
103.125.536	2 3/8	138	730	8200
103.125.537	2 4/9	138	730	8200
103.125.538	2 1/2	150	800	10400
103.125.539	2 5/9	150	800	10400
103.125.540	2 5/8	150	800	10400
103.125.541	2 3/4	150	800	10400
103.125.542	2 4/5	150	800	10400
103.125.543	2 8/9	166	880	14100
103.125.544	3	166	880	14100
103.125.545	3 1/8	166	880	14100
103.125.546	3 1/4	166	880	14100

SOCKET WRENCH 6 POINT, WITH BAR



DIN 3112

Product code	Diameter (mm)	Length (mm)	Weight (g)	Extension
103.124.100	8	190	110	CL 0150
103.124.101	9	200	135	CL 0150
103.124.102	10	215	160	CL 0150
103.124.103	11	230	210	CL 0150
103.124.104	12	250	260	CL 0180
103.124.105	13	265	350	CL 0180
103.124.106	14	265	350	CL 0180
103.124.107	15	280	400	CL 0200
103.124.108	16	280	400	CL 0200
103.124.109	17	300	450	CL 0200
103.124.110	18	300	450	CL 0200
103.124.111	19	325	650	CL 0230
103.124.112	20	325	650	CL 0230
103.124.113	21	350	830	CL 0230
103.124.114	22	350	830	CL 0230
103.124.115	23	380	1140	CL 0250
103.124.116	24	380	1140	CL 0250
103.124.117	25	415	1450	CL 0250
103.124.118	26	415	1450	CL 0320
103.124.119	27	415	1450	CL 0320
103.124.120	28	450	1800	CL 0400
103.124.121	29	450	1800	CL 0400
103.124.122	30	450	1800	CL 0400
103.124.123	32	485	2450	CL 0400
103.124.124	33	485	2450	CL 0400
103.124.125	34	485	2450	CL 0400
103.124.126	35	530	3300	CL 0500
103.124.127	36	530	3300	CL 0500
103.124.128	37	530	3300	CL 0500
103.124.129	38	530	3300	CL 0500
103.124.130	41	580	4000	CL 0500
103.124.131	42	580	4000	CL 0500
103.124.132	46	635	4800	CL 0630
103.124.133	47	635	4800	CL 0630
103.124.134	50	320	4900	CL 0710
103.124.135	52	320	4900	CL 0710
103.124.136	54	340	6500	CL 0710
103.124.137	55	340	6500	CL 0710
103.124.138	56	340	6500	CL 0710
103.124.139	58	360	8300	CL 0710
103.124.140	60	360	8300	CL 0710
103.124.141	63	360	8300	CL 0710
103.124.142	65	380	10500	CL 0800
103.124.143	67	380	10500	CL 0800
103.124.144	70	380	10500	CL 0800
103.124.145	71	380	10500	CL 0800
103.124.146	75	400	14300	CL 0800
103.124.147	77	400	14300	CL 0800
103.124.148	80	400	14300	CL 0800
103.124.149	82	400	14300	CL 0800
103.124.150	85	425	19200	CL1000
103.124.151	88	425	19200	CL1000
103.124.152	90	425	19200	CL1000
103.124.153	94	455	26000	CL1000

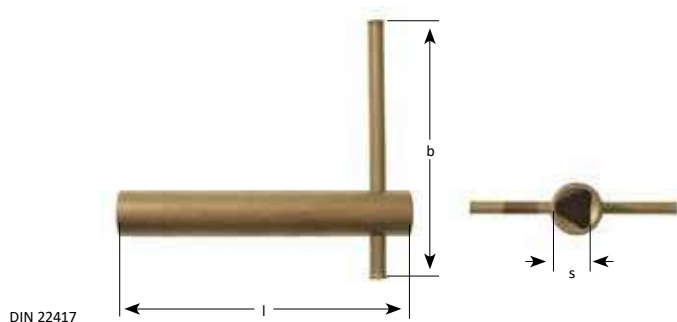
Product code	Diameter (mm)	Length (mm)	Weight (g)	Extension
103.124.154	95	455	26000	CL1000
103.124.155	100	455	26000	CL1000
103.124.500	5/16	190	110	CL 0150
103.124.501	3/8	200	160	CL 0150
103.124.502	13/32	215	210	CL 0150
103.124.503	7/16	230	260	CL 0150
103.124.504	1/2	265	350	CL 0180
103.124.505	9/16	265	350	CL 0150
103.124.506	19/32	280	400	CL 0200
103.124.507	5/8	280	400	CL 0200
103.124.508	11/16	300	450	CL 0200
103.124.509	3/4	325	650	CL 0230
103.124.510	25/32	325	650	CL 0230
103.124.511	13/16	350	830	CL 0230
103.124.512	7/8	350	830	CL 0230
103.124.513	15/16	380	1140	CL 0250
103.124.514	31/32	415	1450	CL 0250
103.124.515	1	415	1450	CL 0320
103.124.516	1 1/16	450	1800	CL 0320
103.124.517	1 1/8	450	1800	CL 0400
103.124.518	1 3/16	450	1800	CL 0400
103.124.519	1 1/4	485	2450	CL 0400
103.124.520	1 5/16	485	3300	CL 0400
103.124.521	1 3/8	530	3300	CL 0400
103.124.522	1 7/16	530	3300	CL 0500
103.124.523	1 1/2	580	4000	CL 0500
103.124.524	1 9/16	580	4000	CL 0500
103.124.525	1 5/8	580	4000	CL 0500
103.124.526	1 11/16	580	4800	CL 0500
103.124.527	1 3/4	635	4800	CL 0630
103.124.528	1 13/16	635	4800	CL 0630
103.124.529	1 7/8	635	4800	CL 0630
103.124.530	2	320	4900	CL 0710
103.124.531	2 1/16	320	4900	CL 0710
103.124.532	2 1/8	340	6500	CL 0710
103.124.533	2 3/16	340	6500	CL 0710
103.124.534	2 1/4	340	6500	CL 0710
103.124.535	2 5/16	360	8300	CL 0710
103.124.536	2 3/8	360	8300	CL 0710
103.124.537	2 7/16	360	8300	CL 0710
103.124.538	2 1/2	380	10500	CL 0800
103.124.539	2 9/16	380	10500	CL 0800
103.124.540	2 5/8	380	10500	CL 0800
103.124.541	2 3/4	380	10500	CL 0800
103.124.542	2 13/16	380	10500	CL 0800
103.124.543	2 15/16	400	14300	CL 0800
103.124.544	3	400	14300	CL 0800
103.124.545	3 1/8	400	14300	CL 0800
103.124.546	3 1/4	400	14300	CL 1000
103.124.547	3 3/8	425	19200	CL 1000
103.124.548	3 1/2	425	19200	CL 1000
103.124.549	3 5/8	455	19200	CL 1000
103.124.550	3 3/4	455	26000	CL 1000
103.124.551	3 7/8	455	26000	CL 1000

DRIVE

FOR HEXAGON SOCKET WRENCH

Product code	Model	Diameter (mm)	Length (mm)	Weight (g)
103.124.900	CL 0150	6	150	40
103.124.901	CL 0180	8	180	75
103.124.902	CL 0200	10	200	100
103.124.900	CL 0230	10	230	130
103.124.901	CL 0250	13	250	245
103.124.902	CL 0320	13	320	315
103.124.900	CL 0400	16	400	600
103.124.901	CL 0500	16	500	920
103.124.902	CL 0630	20	630	1600
103.124.900	CL 0710	25	710	2750
103.124.901	CL 0800	32	800	4800
103.124.902	CL 1000	38	1000	9380

SOCKET WRENCH 3 POINT FOR SWITCH-BOARD SECURITY



DIN 22417

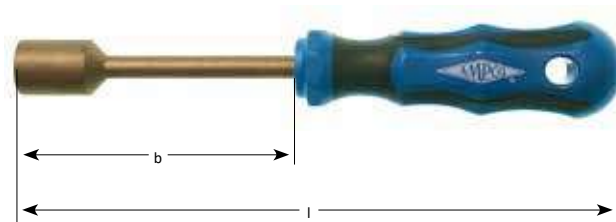
Product code	Diameter (mm)	Length (mm)	Length (mm)	Weight (g)
103.126.000	M4	50	90	70
103.126.001	M5	68	100	105
103.126.002	M6	86	112	180
103.126.003	M8	105	125	270
103.126.004	M10	130	140	420
103.126.005	M12	206	160	660
103.126.006	M16	206	180	1150
103.126.007	M20	250	200	1900
103.126.008	M24	315	224	3300

BALLPOINT HEX



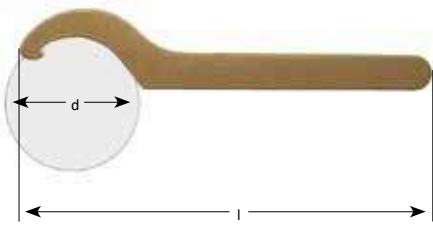
Product code	Diameter (mm)	Length 1 (mm)	Length 2 (mm)	Weight (g)
103.123.100	2	16	75	2
103.123.101	2.5	18	85	4
103.123.102	3	20	90	7
103.123.103	4	25	100	15
103.123.104	5	28	115	24
103.123.105	6	32	135	42
103.123.106	7	34	140	57
103.123.107	8	36	150	80
103.123.108	9	38	160	110
103.123.109	10	40	170	140

HEX NUT DRIVER



Product code	Diameter (mm)	Length 1 (mm)	Length 2 (mm)	Weight (g)
103.127.100	3.5	85	175	55
103.127.101	4	85	180	55
103.127.102	4.5	85	180	60
103.127.103	5	85	185	60
103.127.104	5.5	90	190	65
103.127.105	6	90	190	65
103.127.106	6.5	90	190	80
103.127.107	7	100	200	80
103.127.108	7.5	100	200	100
103.127.109	8	100	210	100
103.127.110	9	100	210	115
103.127.111	10	110	220	115
103.127.112	11	110	220	130
103.127.113	12	110	230	170
103.127.114	13	110	230	210
103.127.115	14	120	240	210
103.127.116	15	120	240	235
103.127.117	16	130	250	235
103.127.118	17	130	250	240
103.127.500	1/8	85	175	55
103.127.501	5/32	85	180	55
103.127.502	3/16	85	185	60
103.127.503	7/32	90	190	65
103.127.504	1/4	90	190	80
103.127.505	5/16	100	210	100
103.127.506	3/8	110	220	115
103.127.507	7/16	110	230	170
103.127.508	1/2	110	230	210
103.127.509	9/16	120	240	235
103.127.510	5/8	130	250	235
103.127.511	11/16	130	250	240

HOOK SPANNER



DIN 1810

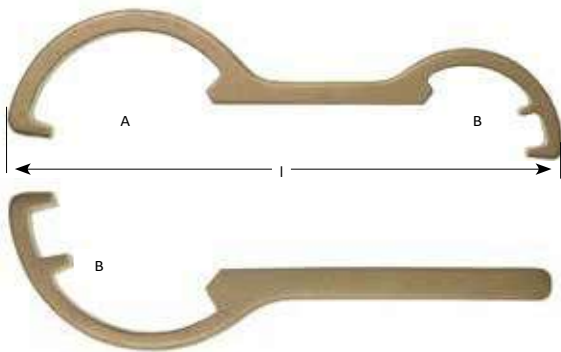
Product code	Diameter (mm)	Diameter (inch)	Length (mm)	Weight (g)
103.128.100	12-14	15/32 - 9/16	110	30
103.128.101	16-20	5/8 - 13/16	110	30
103.128.102	25-28	31/32 - 1 1/8	136	50
103.128.103	30-32	1 3/16 - 1 1/4	136	50
103.128.104	34-36	1 5/16 - 1 7/16	170	100
103.128.105	40-42	1 9/16 - 1 11/16	170	100
103.128.106	45-50	1 3/4 - 2	205	190
103.128.107	52-55	2 1/16 - 2 3/16	205	190
103.128.108	58-62	2 1/4 - 2 7/16	245	265
103.128.109	68-75	2 11/16 - 2	245	265
103.128.110	80-90	3 1/8 - 3 1/2	285	410
103.128.111	95-100	3 3/4 - 4	285	410
103.128.112	110-115	3 5/16 - 4 9/16	335	730
103.128.113	120-130	4 11/16 - 5 1/8	335	730
103.128.114	135-145	5 5/16 - 5 3/4	385	1150
103.128.115	155-165	6 1/8 - 6 1/2	385	1150

ADJUSTABLE HOOK



Product code	Diameter (mm)	Diameter (inch)	Length (mm)	Weight (g)
103.128.200	32-75	1 1/4 - 3	205	230
103.128.201	50-120	2 - 4 3/4	285	450
103.128.202	115-170	4 1/2 - 6 3/4	310	500

HOSE COUPLING WRENCH



DIN 14822

Product code	Type	i.a. for (mm)	Length (mm)	Weight (g)
103.128.301	A B	110-75-52	455	1100
103.128.300	B	75-52	285	460

VALVE WHEEL HOOK

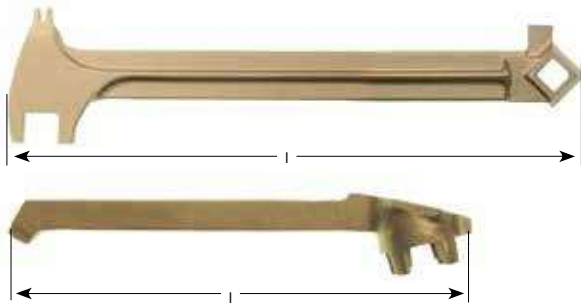


Product code	Diameter (mm)	Length 1 (mm)	Length 2 (mm)	Weight (g)
103.128.400	30	56	300	350
103.128.401	35	61	350	600
103.128.402	40	72	400	680
103.128.403	45	77	450	1110
103.128.404	50	88	500	1200
103.128.405	60	104	600	2000
103.128.406	70	120	700	3000
103.128.407	80	136	800	5300



Product code	1x2 diameter (mm)	Length 1 (mm)	Length 2 (mm)	Weight (g)
103.128.408	30x40	113	500	720

MULTI HEAD BUNG WRENCH



Product code	Length (mm)	Weight (g)
103.129.100	385	1300
103.129.101	305	680

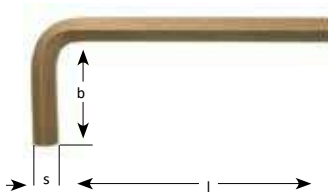
VALVE WHEEL KEY



DIN 87311

Product code	Diameter r (mm)	Max. diameter (mm)	Length 1 (mm)	Length 2 (mm)	Weight (g)
103.128.409	36	180	60	370	650
103.128.410	48	400	80	430	1300
103.128.411	62	720	102	550	2550

HEX KEY



DIN 911

Product code	Diameter r (mm)	Length 1 (mm)	Length 2 (mm)	Weight (g)
103.122.100	1.05.2015	19	45	2
103.122.101	2	19	45	2
103.122.102	2.05.2015	20	65	4
103.122.103	3	20	65	5
103.122.104	4	25	72	11
103.122.105	5	28	80	19
103.122.106	6	32	90	30
103.122.107	7	32	90	45
103.122.108	8	36	100	60
103.122.109	9	36	109	90
103.122.110	10	40	112	105
103.122.111	11	40	112	105
103.122.112	12	45	125	170
103.122.113	14	55	140	260
103.122.114	17	60	160	444
103.122.115	19	70	175	618
103.122.116	22	80	200	950
103.122.117	24	90	224	1260
103.122.118	27	110	250	1780
103.122.119	30	112	280	2460
103.122.120	32	125	315	3140
103.122.121	36	140	355	4470

Product code	Diameter r (mm)	Length 1 (mm)	Length 2 (mm)	Weight (g)
103.122.500	1/16	19	45	5
103.122.501	3/32	19	45	9
103.122.502	5/64	19	45	9
103.122.503	1/8	21	60	9
103.122.504	5/32	22	64	9
103.122.505	3/16	22	73	18
103.122.506	7/32	28	80	27
103.122.507	1/4	28	98	36
103.122.508	5/16	36	104	64
103.122.509	3/8	38	104	109
103.122.510	7/16	44	131	163
103.122.511	1/2	44	131	209
103.122.512	9/16	44	144	281
103.122.513	5/8	48	158	390
103.122.514	11/16	57	185	544
103.122.515	3/4	57	185	644
103.122.516	7/8	57	185	898
103.122.517	1	57	185	1179

AVAILABLE SETS

HEX KEY SETS

Product code	Diameter	Weight (g)
103.122.050	1.5, 2, 2.5, 3, 4, 5, 6 mm	130
103.122.051	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 mm	535
103.122.052	1/16, 5/64, 3/32, 1/8, 5/32, 3/16 inch	130
103.122.053	1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2 inch	535

PLIETS, GROOVE JOINT



DIN 5231 F ISO

Product code	Maximum opening of pliers (mm)	Maximum pinch opening (inch)	Thickness (mm)	Length (mm)	Weight (g)
103.202.100	1 1/2	40	10	250	380
103.202.101	2 1/8	50	12	300	635
103.202.102	3 3/8	85	14	400	1195

ADJUSTABLE PLIERS



8976ISO 9343

Product code	Maximum opening of pliers (mm)	Maximum pinch opening (inch)	Thickness (mm)	Length (mm)	Weight (g)
103.201.100	~	~	~	~	~

PLIERS CUTTING



Product code	Thickness (mm)	Length (mm)	Weight (g)
103.208.100	9	155	170
103.204.101	12	180	185

TWEEZERS



Product code	Length (mm)	Weight (g)
103.210.100	110	185

PLIERS



DIN 5244 ISO 5746

Product code	Thickness (mm)	Length (mm)	Weight (g)
103.200.100	13	170	285
103.200.101	15	200	343

PLIERS WIRE STRIPPING



Product code	Ring for (mm)	Thickness (mm)	Length (mm)	Weight (g)
103.209.100	0,55	8	155	122

FLAT-NOSE PLIERS



DIN 5248 ISO 5745

Product code	Thickness (mm)	Length (mm)	Weight (g)
103.204.100	8	160	305

ROUND NOSE PLIERS



Product code	Thickness (mm)	Length (mm)	Weight (g)
103.205.100	8	160	105

PLIERS LONG NOSE



ISO 5745

Product code	Thickness (mm)	Length (mm)	Weight (g)
103.203.100	10	180	184

PLIERS SNAP RING



DIN 5254

Product code	Ring for (mm)	Thickness (mm)	Length (mm)	Weight (g)
103.206.100	3-10	7	140	85
103.206.101	10-25	7	85	
103.206.102	19-60	9	125	
103.206.103	40-100	11	225	245
103.206.104	85-165	14	305	620
103.206.105	125-300	17	500	1225

PLIERS SNAP RING INSIDE



DIN 5256

Product code	Ring for (mm)	Thickness (mm)	Length (mm)	Weight (g)
103.207.100	8-25	7	140	65
103.207.101	19-60	9	135	
103.207.102	40-100	11	220	250
103.207.103	85-165	15	270	465
103.207.104	125-300	17	500	1120

PLIERS TOP CUTTING



DIN 5234

Product code	Thickness (mm)	Length (mm)	Weight (g)
103.211.100	12	185	315

PLIERS CUTTING



DIN5241

Product code	Thickness (mm)	Length (mm)	Weight (g)
103.212.100	20	200	488

PIPE PLIERS



DIN5247

Product code	Thickness (mm)	Length (mm)	Weight (g)
103.213.100	13	250	618

PIPE CUTTER



Product code	Diameter max.		Thickness (mm)	Length (mm)	Weight (g)
	(inch)	(mm)			
103.216.100	2	50	50	430	2500

ALUMINIUM PIPE WRENCH



Product code	Diameter max.		Thickness (mm)	Length (mm)	Weight (g)
	(inch)	(mm)			
103.215.107	1	25	20	280	615
103.215.108	1 1/2	38	23	350	955
103.215.109	2	50	26	420	1485
103.215.110	2 1/2	65	30	565	2480
103.215.111	3 1/2	90	35	770	4215
103.215.112	5	120	40	1100	8040

ALUMINIUM PIPE WRENCH BRONZE



Product code	Diameter max.		Thickness (mm)	Length (mm)	Weight (g)
	(inch)	(mm)			
103.215.100	3/4	19	18	215	605
103.215.101	1	25	20	280	930
103.215.102	1 1/2	38	23	350	1435
103.215.103	2	50	26	420	2180
103.215.104	2 1/2	65	30	565	3810
103.215.105	3 1/2	90	35	770	7220
103.215.106	5	130	39	1100	10400

SWEDISH PLIERS



DIN5234B

Product code	Diameter max.		Thickness (mm)	Length (mm)	Weight (g)
	(inch)	(mm)			
103.214.100	1	35	1	320	735
103.214.101	1 1/2	45	1 1/2	440	1420

PIPE CHAIN WRENCH



Product code	Diameter max.		Thickness (mm)	Length (mm)	Weight (g)
	(inch)	(mm)			
103.217.100	1 1/2	38	55	510	2650
103.217.101	2 1/2	65	62	685	4500
103.217.102	4	100	76	915	12710
103.217.103	12	305	90	1830	30730

AMERICAN TYPE LOCKSMITH'S HAMMER



Product code	Diameter max.		Length (mm)	Weight (g)
	(inch)	(mm)		
103.303.100	1.50	680	355	970
103.303.101	2.50	1135	380	1510
103.303.102	3.50	1590	380	1950

AMERICAN TYPE DOUBLE-SIDED HAMMER



Product code	Diameter max.		Length (mm)	Weight (g)
	(inch)	(mm)		
103.305.100	1.75	800	355	1045
103.305.101	2.25	1020	355	1280
103.305.102	2.75	1250	380	1530

HAMMER, CLUB



Product code	Diameter max.		Length (mm)	Weight (g)
	(inch)	(mm)		
103.306.100	2.00	910	255	1185
103.306.101	4.00	1820	280	2020

HAMMER SLEDGE



Product code	Diameter max.		Length (mm)	Weight (g)
	(inch)	(mm)		
103.308.100	0.25	115	250	170
103.308.101	1.50	680	360	895
103.308.102	1.75	800	360	920

HAMMER CROSS PEEN



DIN1041

Product code	Weight of the hammer (g)	Length (mm)	Weight (g)
103.300.100	100	260	150
103.300.101	150	280	220
103.300.102	200	280	300
103.300.103	300	300	400
103.300.104	400	320	520
103.300.105	500	320	650
103.300.106	600	330	750
103.300.107	700	350	900
103.300.108	800	350	1000
103.300.109	1000	360	1250
103.300.110	1250	380	1550
103.300.111	1500	380	1850
103.300.112	2000	400	2400

HAMMER SLEDGE



DIN6475

Product code	Weight of the hammer (g)	Length (mm)	Weight (g)
103.304.100	1000	360	1200
103.304.101	1250	380	1450
103.304.102	1500	380	1750
103.304.103	2000	400	2250
103.304.104	2500	600	2800
103.304.105	3000	600	3350
103.304.106	4000	600	4400
103.304.107	5000	800	5500
103.304.108	6000	800	6600
103.304.109	8000	900	8700
103.304.110	10000	900	10800

HAMMER SLADGE



DIN1042

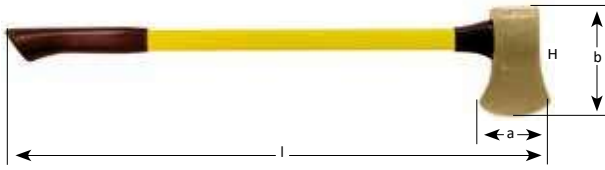
Product code	Weight of the hammer (g)	Length (mm)	Weight (g)
103.301.100	2500	600	2900
103.301.101	3000	600	3600
103.301.102	4000	600	4600
103.301.103	5000	800	5700
103.301.104	6000	800	6800
103.301.105	8000	900	9000
103.301.106	10000	900	11200
103.301.107	15000	920	16500

HAMMER BALL PEEN



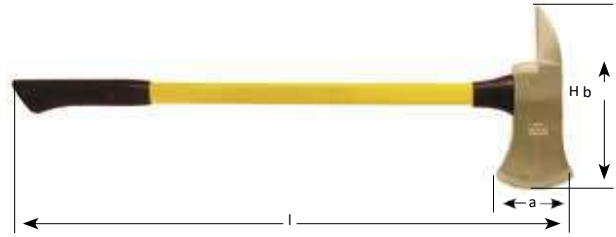
Product code	Diameter max.		Length (mm)	Weight (g)
	(inch)	(mm)		
103.302.100	0.25	115	250	170
103.302.101	0.75	340	350	585
103.302.102	1.00	455	350	700
103.302.103	1.50	680	360	895
103.302.104	2.00	905	360	1170
103.302.105	2.25	1020	360	1305

AXE



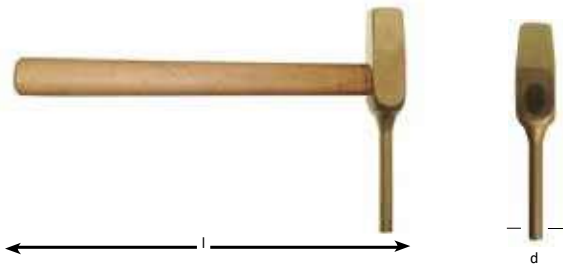
Product code	Weight of socket (g)	Length a (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.315.100	1500	125	200	920	2770
103.128.201	2400	125	200	920	3630

AXE PICK HEAD



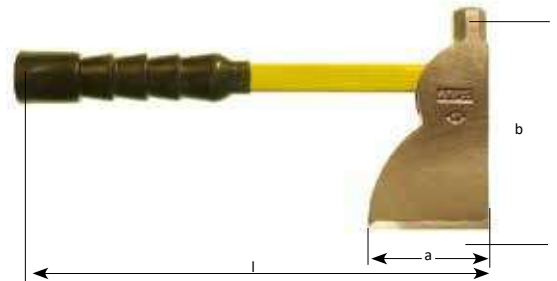
Product code	Weight of socket (g)	Length a (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.315.102	1850	125	300	920	3040
103.315.103	2950	125	300	920	4200

HAMMER WITH BOLT



Product code	Length b (mm)	Length l (mm)	Weight (g)
103.314.100	8	330	500
103.314.101	10	330	550
103.314.102	12	350	800
103.314.103	16	350	860

HATCHET



Product code	Length a (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.316.100	95	170	355	980

DOUBLE-SIDED HAMMER



Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.306.102	3.00	1360	380	1570
103.306.103	5.00	2270	840	3220
103.306.104	7.50	3400	840	4300
103.306.105	10.00	4540	840	5030
103.306.106	15.00	6800	840	7300
103.306.107	19.00	8170	840	8740

RUBBER Mallet



Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.307.100	2.00	900	360	1110
103.307.101	4.00	1820	380	1990

NAIL HAMMER



Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.309.100	0.75	340	360	645
103.309.101	1.00	455	360	760
103.309.102	1.25	570	360	880

HAMMER WITH PUNCH



Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.311.100	3.00	1360	380	1495

RIVETING HAMMER



Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.313.100	1.500	680	350	1700

HAMMER FOR BOILER SCALE



Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.310.100	1.00	455	355	680
103.310.101	1.50	680	355	930

TROWEL



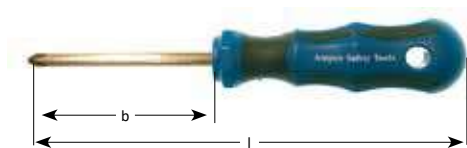
Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.312.100	1.50	680	360	1030

TROWEL

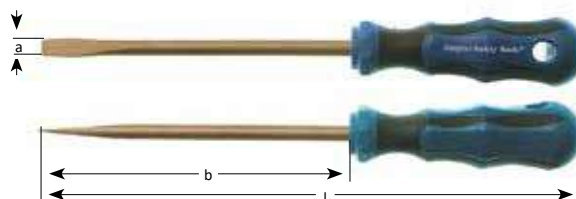


Product code	Weight of the hammer		Length (mm)	Weight (g)
	(pound)	(g)		
103.312.101	600	290	290	710
103.312.102	800	300	300	970

PHILLIPS SCREWDRIVER



FLAT-HEAD SCREWDRIVER



Product code	PH No	Length b (mm)	Length l (mm)	Weight (g)
103.350.100	0	60	150	25
103.350.101	1	80	170	60
103.350.102	2	100	200	85
103.350.103	3	150	260	135
103.350.104	4	200	320	230

Product code	Width a (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.351.100	3	60	150	20
103.351.101	3	150	240	60
103.351.102	4	70	160	35
103.351.103	4	120	210	45
103.351.104	5	80	170	50
103.351.105	5	100	190	60
103.351.106	5	200	290	75
103.351.107	6	50	150	60
103.351.108	6	100	200	80
103.351.109	6	150	250	85
103.351.110	8	80	190	70
103.351.111	8	150	260	130
103.351.112	10	200	320	225
103.351.113	10	300	420	305
103.351.114	10	380	500	345

BENT SCREWDRIVER



Product code	Length b (mm)	Length l (mm)	Weight (g)
103.353.100	4	120	25
103.353.101	6	135	40
103.353.102	10	140	60
103.353.103	13	190	200



AVAILABLE SETS

SCREWDRIVER SETS

Product code	Composition	Weight (g)
103.352.100	8 x 80, 8 x 150, 10 x 200 mm, PH No 2	625
103.352.101	8 x 80, 8 x 150, 10 x 200 mm, PH No 1,2,3	845
103.352.102	3 x 150, 4 x 120, 5 x 200, 6 x 150 mm	265

POINT



Product code	Diameter r (mm)	Length (mm)	Weight (g)
103.429.100	8	85	40
103.429.101	10	90	50
103.429.102	13	100	70
103.429.103	16	110	100
103.429.104	19	140	180
103.429.105	21	160	270
103.429.106	25	200	450
103.429.107	29	240	630

BROCHURE



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.422.100	1	8	120	38
103.422.101	2	8	120	40
103.422.102	3	8	120	40
103.422.103	4	8	120	40
103.422.104	5	10	120	60
103.422.105	6	10	120	65
103.422.106	7	13	160	140
103.422.107	8	13	160	140
103.422.108	9	15	160	220
103.422.109	10	16	160	220
103.422.110	12	16	160	220
103.422.111	14	16	160	220
103.422.112	16	19	200	500
103.422.113	18	19	200	500
103.422.114	20	22	200	620

POINT



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.427.100	8	100	30	P-1290
103.427.101	10	115	45	P-1291
103.427.102	13	125	95	P-1292
103.427.103	16	150	175	P-1293

BROCHURE



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.425.100	15	8	110	50
103.425.101	2	8	110	50
103.425.102	3	8	110	50
103.425.103	4	10	120	80
103.425.104	5	10	130	90
103.425.105	6	10	140	100
103.425.106	8	13	150	140
103.425.107	10	13	160	160
103.425.108	13	16	180	340
103.425.109	16	16	200	400



CENTER PUNCH



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.426.100	3	10	130	40
103.426.101	6	14	150	120
103.426.102	10	14	180	160
103.426.103	13	18	200	290
103.426.104	16	20	300	655

TAPER PUNCH



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.420.100	5	16	215	255
103.420.101	10	19	230	420
103.420.102	13	25	255	880

TAPER PUNCH



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.421.100	6	13	150	100
103.421.101	7	17	150	100
103.421.102	8	21	205	175
103.421.103	12	24	255	645
103.421.104	13	29	255	865

DOUBLE-SIDED CONICAL PUNCH



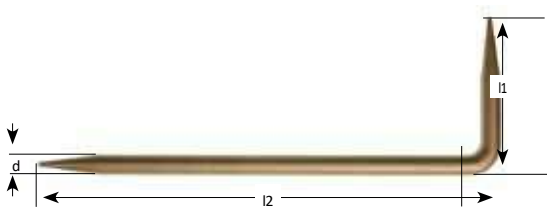
Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.423.100	8	17	200	230
103.423.101	8	21	200	360
103.423.102	10	24	200	415
103.423.103	13	27	200	630
103.423.104	18	30	200	880
103.423.105	22	33	200	1050

DOUBLE-SIDED SCRIBER



Product code	Diameter r (mm)	Length (mm)	Weight (g)
103.424.100	4	225	45

CURVED POINT



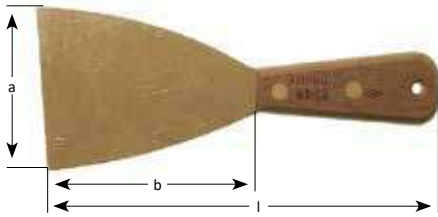
Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.430.100	16	150	450	930
103.430.101	19	150	450	1300
103.430.102	25	150	450	2000
103.430.103	29	150	450	2300
103.430.104	30	150	450	3300

AWL



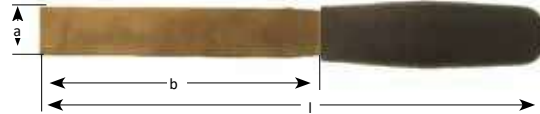
Product code	Diameter r (mm)	Length (mm)	Weight (g)
103.428.100	4	185	65

KNIFE FLEXIBLE BLADE



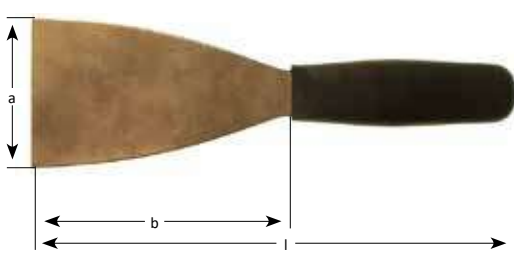
Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.513.107	90	115	220	115

KNIFE



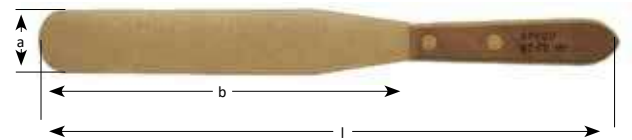
Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.513.104	25	140	250	100
103.513.105	50	130	240	125
103.513.106	75	130	240	150

FLEXIBLE SPATULA WITH ANTISTATIC HANDLE



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.513.108	75	130	240	125

SPATULA



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.514.100	25	150	260	85
103.514.101	40	230	350	145
103.514.102	50	355	490	275

SPATULA WITH ANTISTATIC HANDLE



Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.513.100	20	90	190	65
103.513.101	30	90	195	75

STIFF SPATULA



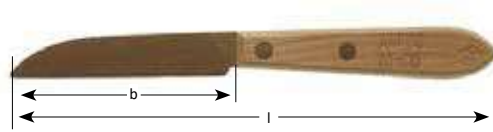
Product code	Diameter a (mm)	Diameter d (mm)	Length l (mm)	Weight (g)
103.513.100	20	90	190	65
103.513.101	30	90	195	75
103.513.102	50	105	205	120
103.513.103	90	115	220	165

TRIANGULAR SCRAPER



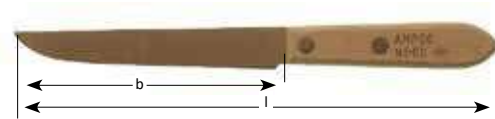
Product code	Length b (mm)	Length l (mm)	Weight (g)
103.511.100	200	310	185

CURVED KNIFE



Product code	Length b (mm)	Length l (mm)	Weight (g)
103.512.100	80	175	30

COVENANT KNIFE



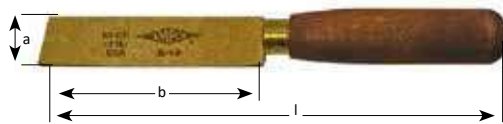
Product code	Length b (mm)	Length l (mm)	Weight (g)
103.512.101	145	260	80

THREAD CLEANING SPIKE



Product code	Length b (mm)	Length l (mm)	Weight (g)
103.515.100	6	300	66
103.515.101	10	300	145
103.515.102	13	300	255

MULTI-PURPOSE KNIFE



Product code	Width a (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.512.102	25	105	220	75

FLAT SCROLLER



Product code	Width a (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.510.100	20	200	310	210

CARPET KNIFE



Product code	Width a (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.512.103	50	60	190	80

ANGLE CUTTER



Product code	Width (mm)	Length (mm)	Weight (g)
103.516.102	38	380	780

SCRAPER FOR PAINT BOOTHS



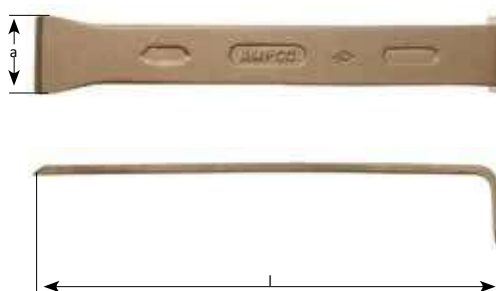
Product code	Width (mm)	Length (mm)	Weight (g)
103.518.100	75	235	345

SCRAPER WITH HANDLE



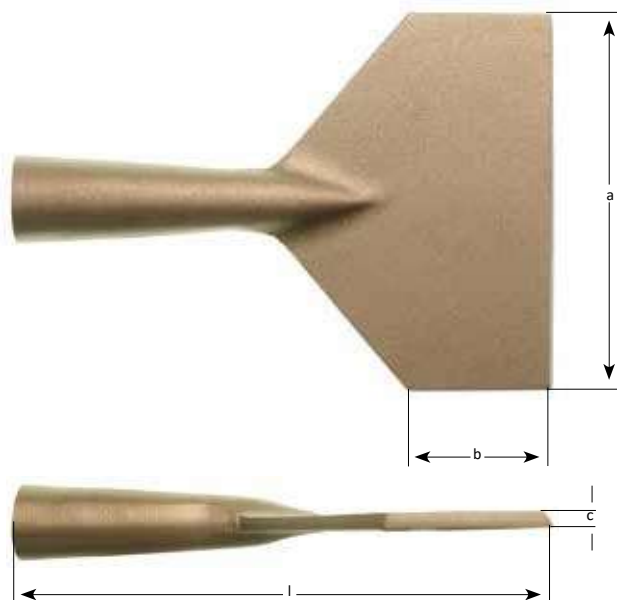
Product code	Width (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.519.100	95	95	480	640

ANGLE SCRAPER



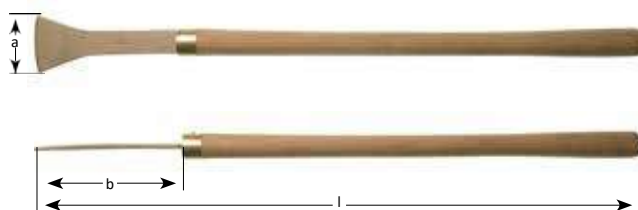
Product code	Width (mm)	Length (mm)	Weight (g)
103.516.100	22	200	210
103.516.101	50	300	570

SCRAPER WITHOUT HANDLE



Product code	Thickness (mm)	Width (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.517.100	6	75	65	220	605
103.517.101	6	100	65	220	780
103.517.102	6	125	65	220	820
103.517.103	6	150	65	220	900

RUST SCRAPER WITH HANDLE



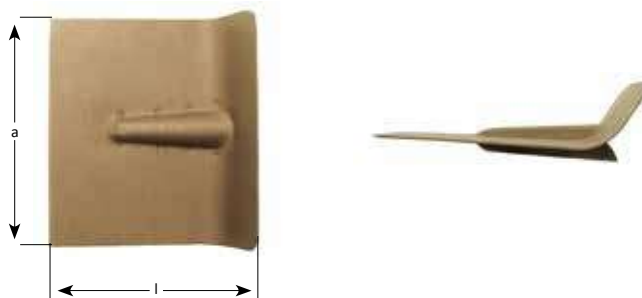
Product code	Width (mm)	Length (mm)	Length (mm)	Weight (g)
103.523.100	75	200	600	560
103.523.101	75	200	800	680
103.523.102	75	200	1000	800
103.523.103	75	200	1200	920

PLATE SCRAPER



Product code	Width (mm)	Length (mm)	Length (mm)	Weight (g)
103.520.100	100	75	415	635
103.520.101	100	75		195

FLOOR SCRAPER WITHOUT HANDLE



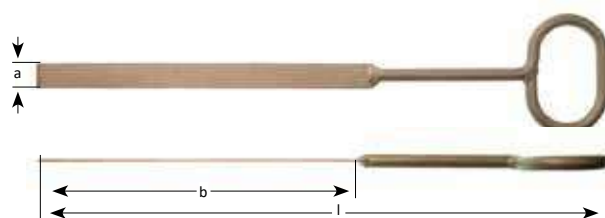
Product code	Width (mm)	Length (mm)	Weight (g)
103.522.100	150	170	720

SCRAPER WITH HAMMER



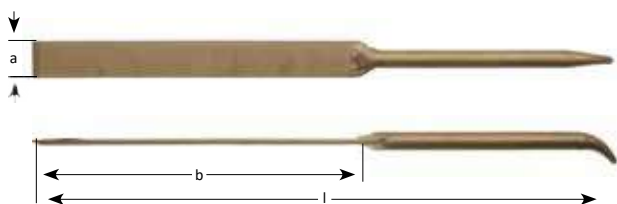
Product code	Width (mm)	Length (mm)	Weight (g)
103.521.100	75	450	1100

GASKET KNIFE



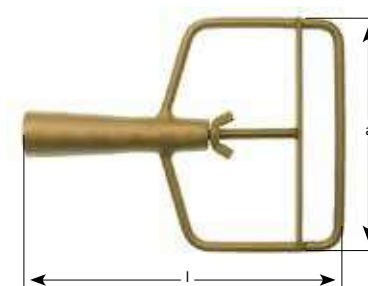
Product code	Width (mm)	Length (mm)	Length (mm)	Weight (g)
103.524.101	30	400	690	1200
103.524.102	40	800	1240	2000

GASKET CUTTER



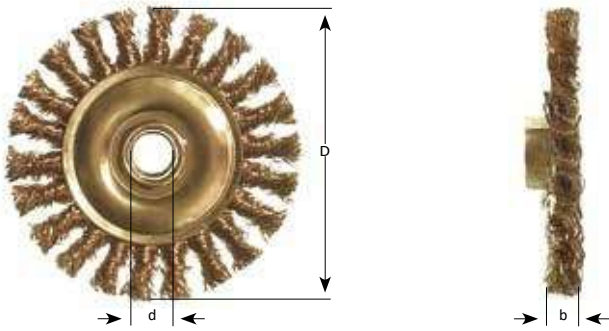
Product code	Width (mm)	Length (mm)	Length (mm)	Weight (g)
103.524.100	25	220	400	300

HANDLE FOR HANDLE



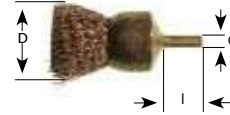
Product code	Width (mm)	Length (mm)	Weight (g)
103.525.100	170	225	670

DISC BRUSH, BRAIDED WIRE



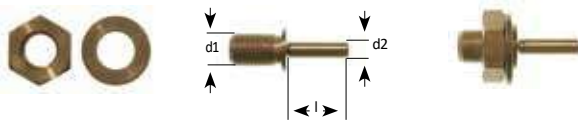
Product code	Diameter (mm)	Thickness (mm)	Length (UNC-11)	Max. speed	Weight (g)
103.647.100	102	9	5/8	20000	225
103.647.101	153	13	5/8	9000	590

BRUSH BRUSH



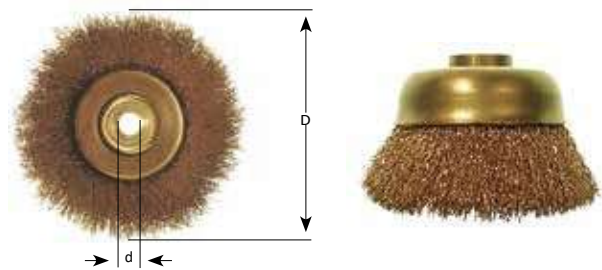
Product code	Length D (mm)	Length d (mm)	Length l (mm)	Max. speed	Weight (g)	Wire
103.650.100	26	6.04.2015	25	20000	135	Falstly
103.650.101	26	6.04.2015	25	20000	135	Plaited

CLAMPING PIN



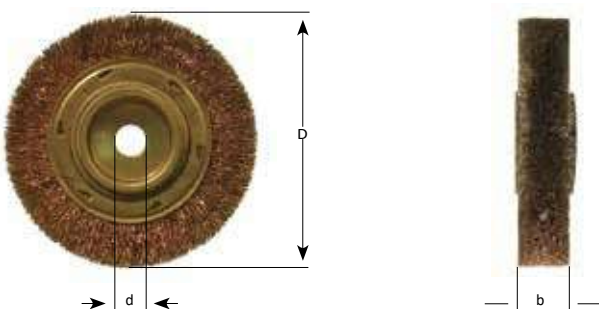
Product code	Diameter d1 (mm)	Diameter d2 (mm)	Length (mm)	Weight (g)
103.646.100	12,5	6,4	22	46

END BRUSH, CORRUGATED WIRE



Product code	Length D (mm)	Length d		Max. speed	Weight (g)
		(UNC-11)	(mm)		
103.648.100	76	5/8	-	12500	365
103.648.101	102	-	13*	8000	590
103.648.103	102	5/8	-	8000	680
103.648.102	153	-	16	6000	1270
103.648.104	153	5/8	-	6000	1360

DISC BRUSH, CORRUGATED WIRE



Product code	Diameter (mm)	Thickness (mm)	Length (UNC-11)	Max. speed	Weight (g)
103.645.100	50	7	13*	20000	45
103.645.101	76	10	13*	20000	70
103.645.102	102	19	10	6000	365
103.645.103	102	19	13*	6000	365
103.645.104	102	19	16	6000	365
103.645.105	153	26	13*	4500	725
103.645.106	153	26	16	4500	725
103.645.107	153	26	19	4500	725
103.645.108	153	26	26	4500	725
103.645.109	153	26	32	4500	725

END BRUSH, BRAIDED WIRE



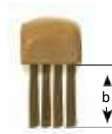
Product code	Length D (mm)	Length d (mm)	Max. speed	Weight (g)
103.649.100	76	5/8	12500	455
103.649.101	102	5/8	7000	680
103.649.102	153	5/8	6000	1540

BRUSH WITH ROUNDED HANDLE



Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Rows	Weight (g)
103.640.100	55	30	260	4x16	175

SPARK PLUG BRUSH



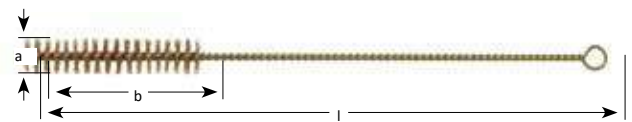
Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Rows	Weight (g)
103.641.100	22	13	195	3x7	18

CURVED BRUSH WITH



Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Rows	Weight (g)
103.640.101	45	30	350	3x19	165
103.640.102	45	30	350	4x19	195

BORE BRUSH



Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Weight (g)
103.642.100	20	100	340	42

FLAT BRUSH



Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Rows	Weight (g)
103.640.103	65	40	180	6x19	300

ROUNDED WIRE BRUSH



Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Rows	Weight (g)
103.643.100	75	55	305	6x25	1500

CURVED BRUSH

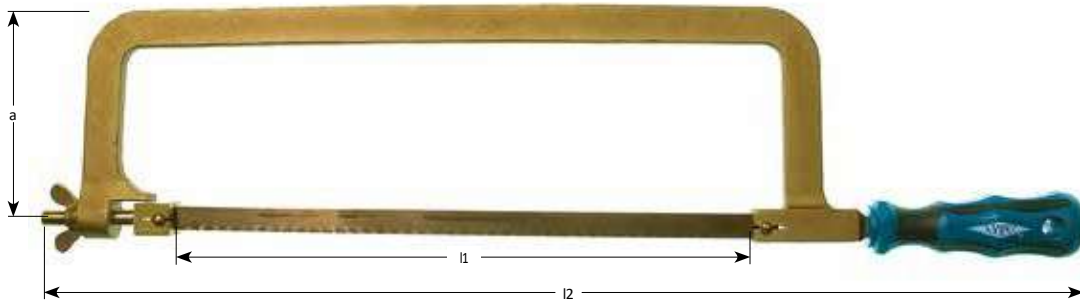


Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Rows	Weight (g)
103.640.104	45	30	185	6x19	280

ROUNDED WIRE SCRUBBING BRUSH



Product code	Height 1 (mm)	Height 2 (mm)	Length (mm)	Rows	Weight (g)
103.644.100	60	40	220	6x17	480



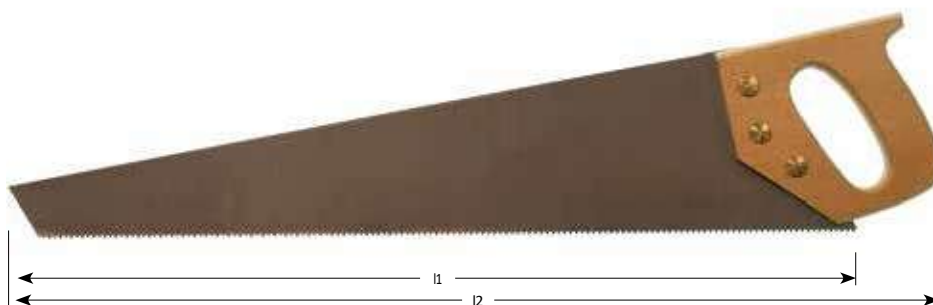
Product code	Width (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.765.100	115	300	540	860

METAL SAW BLADE



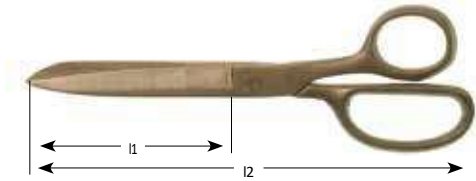
Product code	Width (mm)	Length l (mm)	Weight (mm)	Teeth (g)
103.766.100	14	310	20	18/inc

WOOD SAW (8 TEETH/INCH)



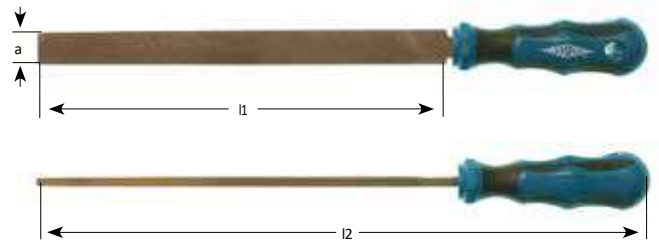
Product code	Width (mm)	Length (mm)	Weight (mm)
103.767.100	500	630	770

SHEARS



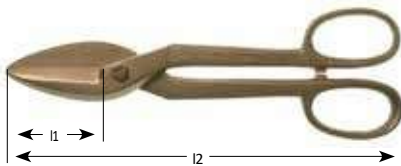
Product code	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.760.100	75	150	73
103.760.101	110	200	154
103.760.102	150	300	520
103.760.103	200	380	1495

FLAT PILLAR



Product code	Type	Width (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.762.100	Equator	20	250	360	275
103.762.101	Carpet	20	250	360	275

SHEET METAL SHEARS



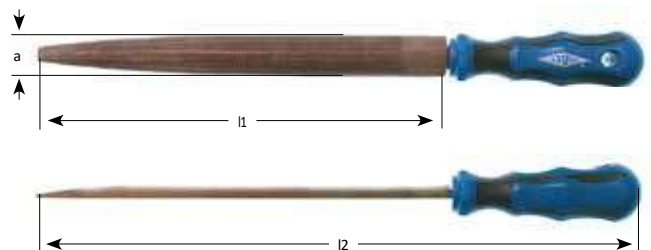
Product code	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.761.100	50	200	200
103.761.101	75	300	600
103.761.102	95	360	1000

ROUND SAW



Product code	Type	Width (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.763.100	Equator	10	250	360	218
103.763.101	Carpet	10	250	360	218

HALF-ROUND FILE



Product code	Type	Width (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.764.100	Equator	24	250	360	305
103.764.101	Carpet	24	250	360	305

SHARP-EDGED CUTTER FOR PNEUMATIC TOOLS



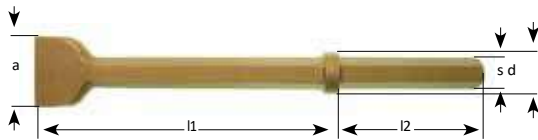
Product code	Width d1 (mm)	Width d2 (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.806.100	42	25	250	75	1140
103.806.101	42	25	350	75	1600
103.806.104	42	25	450	75	2050

SHARP-EDGED CUTTER FOR PNEUMATIC TOOLS



Product code	Width d1 (mm)	Width d2 (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.806.102	28,6	43	375	153	2710
103.806.103	31,7	43	400	153	3530

FLAT-POINT CUTTER FOR PNEUMATIC TOOLS



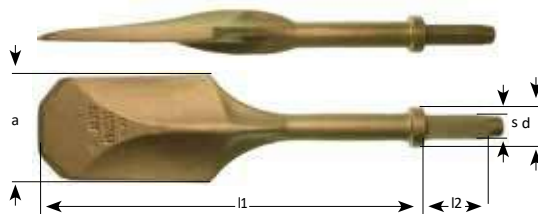
Product code	Width a (mm)	Width s (mm)	Width d (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.807.100	65	43	28,6	305	153	2630
103.807.101	75	43	28,6	305	153	2690

DESCALING CUTTER FOR PNEUMATIC TOOLS



Product code	Width d1 (mm)	Width d2 (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.809.100	38	17	120	70	415
103.809.101	44	17	130	70	510
103.809.102	63	17	150	70	595

WIDE-TIPPED CUTTER FOR PNEUMATIC TOOLS



Product code	Width a (mm)	Width s (mm)	Width d (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.807.102	115	40	22	410	82	4150

FLAT-POINT CUTTER WITH FLANGE FOR PNEUMATIC TOOLS



Product code	Width a (mm)	Width s (mm)	Width d (mm)	Length l1 (mm)	Length l2 (mm)	Weight (g)
103.808.100	32	17	31.05.2015	110	60	140
103.808.101	40	17	31.05.2015	130	60	420
103.808.102	46	17	31.05.2015	140	60	500
103.808.103	63	17	31.05.2015	150	60	610

PREVIOUS



Product code	Diameter (mm)	Length l (mm)	Weight (g)
103.800.100	8	130	35
103.800.101	10	145	75
103.800.102	14	155	145
103.800.103	20	200	400
103.800.104	23	220	580

Product code	Diameter r (mm)	Diameter s (mm)	Length l (mm)	Weight (g)
103.800.106	17	17	230	380
103.800.107	50	32	270	1645
103.800.108	14	14	305	300
103.800.109	19	14	370	420
103.800.110	26	26	450	1645

CHISEL



Product code	Diameter a (mm)	Diameter s (mm)	Length l (mm)	Weight (g)
103.801.100	18	17	150	170
103.801.101	24	23	200	260
103.801.102	25	26	250	435
103.801.103	26	26	300	545

RECTANGULAR CUTTER



Product code	Diameter a (mm)	Diameter s (mm)	Length l (mm)	Weight (g)
103.802.100	11	16	150	230
103.802.101	13	20	205	410
103.802.102	17	22	235	630
103.802.103	16	25	300	1050
103.802.104	19	29	400	1800

GROOVE CUTTER



Product code	Diameter a (mm)	Diameter s (mm)	Length l (mm)	Weight (g)
103.803.100	10	19	200	430
103.803.101	13	22	225	670

DIAMOND-EDGED CUTTER



Product code	Diameter a (mm)	Diameter s (mm)	Length l (mm)	Weight (g)
103.804.100	13	20	205	435
103.804.101	19	23	310	915

CONCRETE CUTTER



Product code	Diameter a (mm)	Diameter s (mm)	Length l (mm)	Weight (g)
103.805.100	45	33	380	3040

DESCALING CUTTER FOR PNEUMATIC TOOLS



Product code	Thickness s (mm)	Diameter r (mm)	Length l (mm)	Weight (g)
103.810.000	13	16	125	70
103.810.001	13	30	90	115
103.810.002	13	50	130	165
103.810.003	13	50	200	330

PSHARP-POINTED CUTTER FOR PNEUMATIC TOOLS



Product code	Diameter s (mm)	Length l (mm)	Weight (g)
103.806.105	25,4	470	1820

SEMICIRCULAR DOCK SHELTER



Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.811.002	5	27	19	205	430

BENT-END DOCK SHELTER



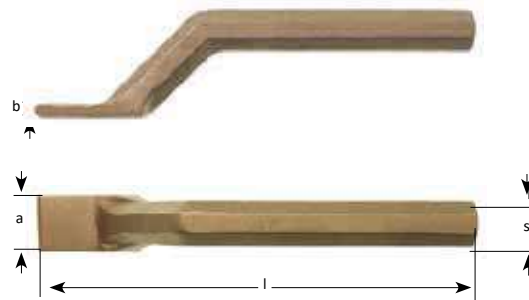
Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.811.001	10	22	22	220	680

DOCK LEVELLER WITH FLAT TIP



Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.811.000	2	15	12	260	225
103.811.003	3	33	19	230	460

BENT DOCK SHELTER WITH FLAT TIP



Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.811.004	6	25	19	200	440

BENT DOCK SHELTER WITH SEMICIRCULAR TIP



Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.811.005	6	25	19	200	440

STRAIGHT DOCK LEVELLER WITH FLAT TIP



Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.811.006	6	25	19	200	440

STRAIGHT DOCK LEVELLER WITH SEMICIRCULAR TIP



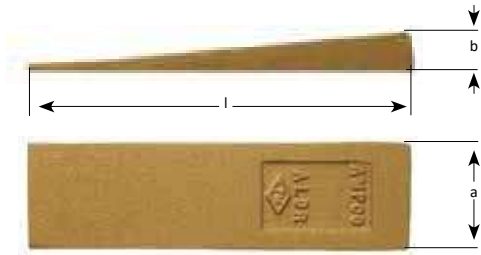
Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.811.007	6	25	19	200	400

DOCK LEVELLER WITH SHARP TIP



Product code	Thickness b (mm)	Width a (mm)	Width s (mm)	Length l (mm)	Weight (g)
103.812.001	4	20	18	250	430
103.812.002	6	20	18	250	470
103.812.003	8	20	18	250	500
103.812.004	10	20	18	250	560

FLANGE GUSSET



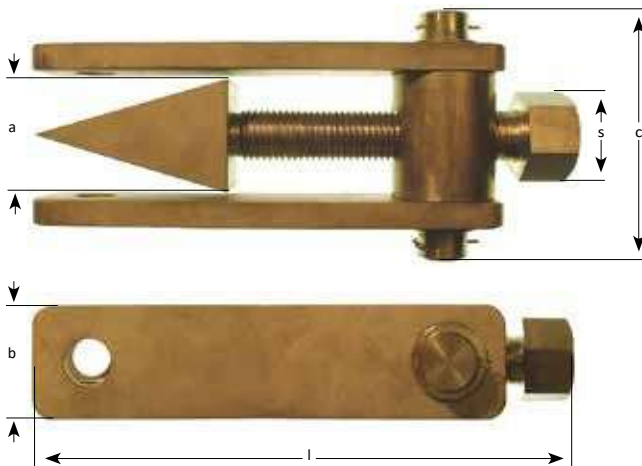
Product code	Thickness b (mm)	Width a (mm)	Length l (mm)	Weight (g)
103.813.004	6	15	80	50
103.813.005	13	19	105	100
103.813.006	13	25	150	200
103.813.007	13	32	180	300
103.813.008	19	38	150	400
103.813.010	25	38	200	800
103.813.009	41	38	200	1300
103.813.015	10	50	90	200
103.813.014	10	50	180	400
103.813.011	19	50	180	730
103.813.012	19	50	200	805

STONE WEDGE



Product code	Width a (mm)	Length l (mm)	Weight (g)
103.813.000	44	120	1120
103.813.001	45	150	1475
103.813.002	47	190	2015
103.813.003	50	240	2800

FLANGE SPREADER

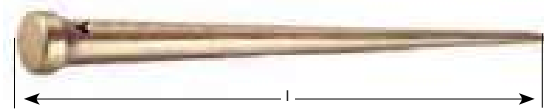


Product code	Width a (mm)	Width s (mm)	Width c (mm)	Length b (mm)	Length l (mm)	Weight (g)
103.814.100	60	46	140	60	305	305



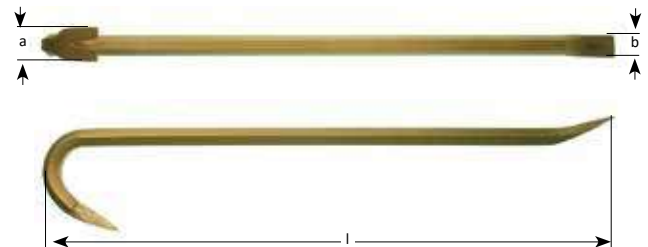
Product code	Width a (mm)	Length l (mm)	Weight (g)
103.815.100	25	460	1050
103.815.101	30	760	2300
103.815.102	38	910	3550

CAPITAL



Product code	Length l (mm)	Weight (g)
103.817.000	406	916

CROWBAR



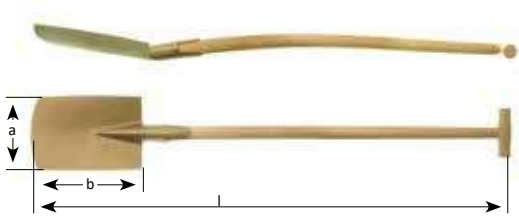
Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weight (g)
103.816.100	16	28	460	920
103.816.101	19	33	610	1600
103.816.102	22	39	760	2800
103.816.103	22	43	920	3300

TIPPED CROWBAR FOR UNDERMINING



Product code	Width a (mm)	Length l (mm)	Weight (g)
103.815.103	28	1525	8500
103.815.104	32	1730	11000

SPADE WITH CROSS HANDLE



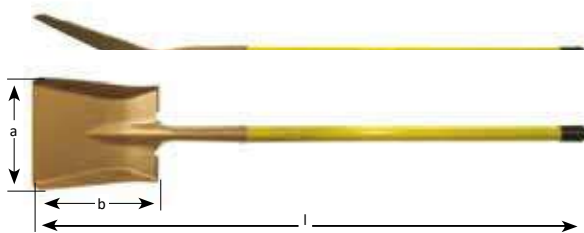
Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.900.100	185	280	1155	2200

ROUNDED SHOVEL



Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.902.002	230	280	1500	2230

STRAIGHT SHIP



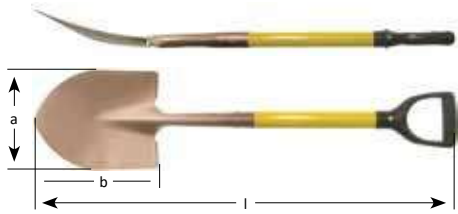
Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.902.003	230	280	1500	2250

SPADE WITH HANDLE ON STIRRUP



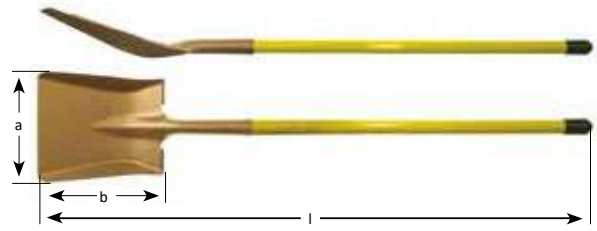
Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.901.100	185	280	1155	2160

SHOVEL WITH HANDLE



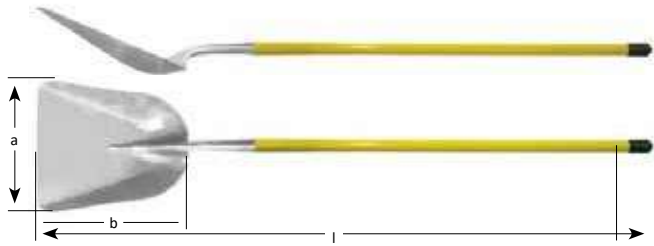
Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.902.004	230	280	980	1990

SIMPLE SHOVEL



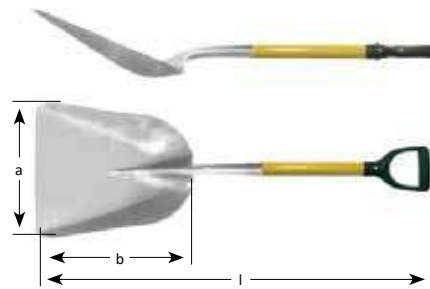
Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.902.005	230	280	980	2155

SHOVEL



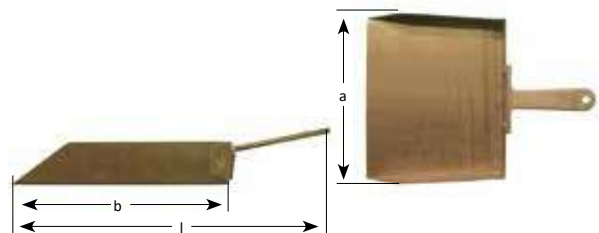
Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.902.000	330	430	1700	2890

SHOVEL



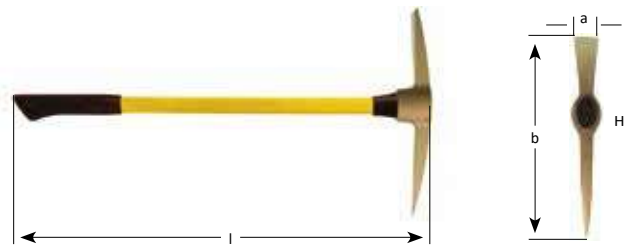
Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.902.001	330	430	1150	2750

DUST PAN



Product code	Width a (mm)	Width b (mm)	Length l (mm)	Weight (g)
103.903.000	100	200	320	515
103.903.001	225	190	310	785

PICK

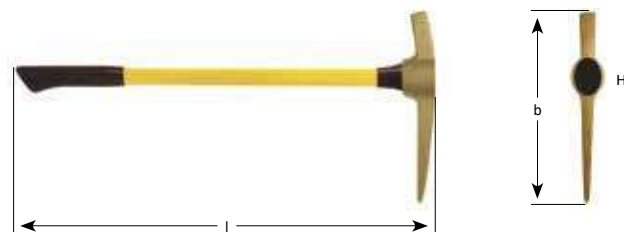


Product code	Weight of the (g)	socketWidth b (mm)	Ba width (mm)	Length l (mm)	Weigh t (g)
103.906.101	2040	535	25	920	3270
103.906.104	3040	635	32	920	4210
103.906.107	4700	700	38	920	6050

Versions with wooden handle:

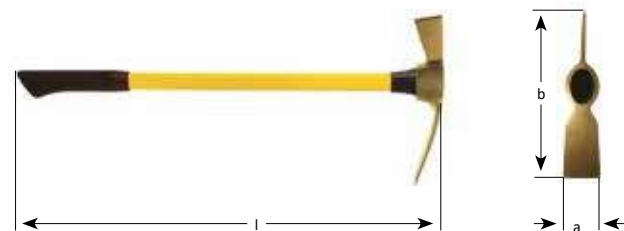
Product code	Weight of the (g)	socketWidth b (mm)	Ba width (mm)	Length l (mm)	Weigh t (g)
103.906.100	1500	400	50	900	2050
103.906.102	2500	500	50	950	3300
103.906.103	3000	550	55	950	3900
103.906.105	3500	600	55	950	4500
103.906.106	4500	680	60	950	5500

PICK



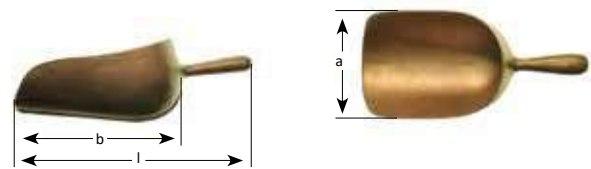
Product code	Weight of the (g)	socketWidth b (mm)	Length l (mm)	Weigh t (g)
103.907.100	2100	406	920	3310

PICK



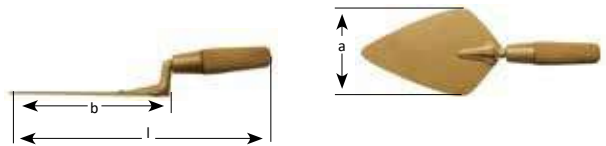
Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weigh t (g)
103.909.000	100	400	920	3780

SUGAR SCOOP



Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weigh t (g)
103.904.000	75	130	200	505
103.904.001	120	200	300	1135
103.904.002	140	240	350	1745

TROWEL



Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weigh t (g)
103.905.100	130	215	335	475
103.905.101	140	280	360	615

SMALL PICK



Product code	Width b (mm)	Length l (mm)	Weigh t (g)
103.908.100	230	200	990

RAILWAY HOE



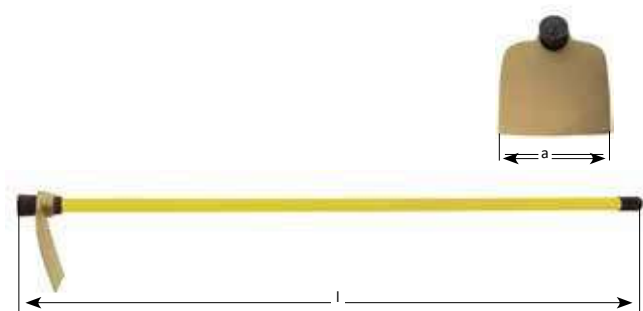
Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.910.100	130	860	3150

GARDEN FORK



Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weig ht (g)
103.912.003	180	290	1020	1535

GARDENING HOE



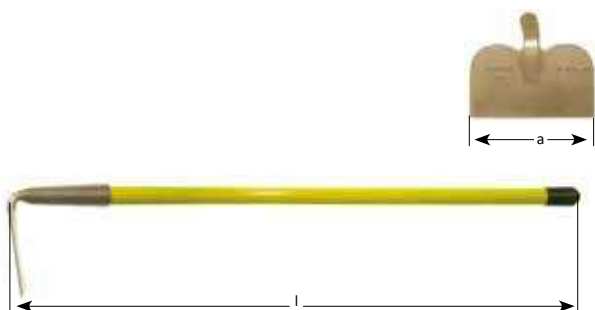
Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.911.004	200	1570	1475

HAY FORKS



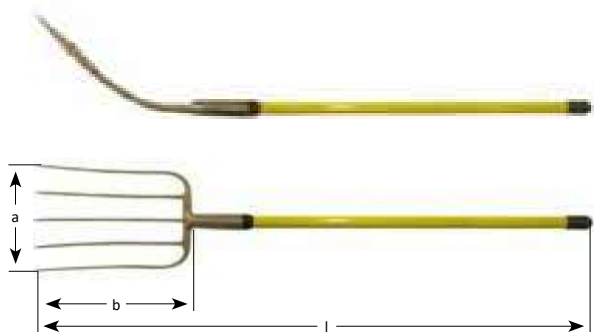
Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weig ht (g)
103.912.001	180	290	1600	1280

GARDENING HOE



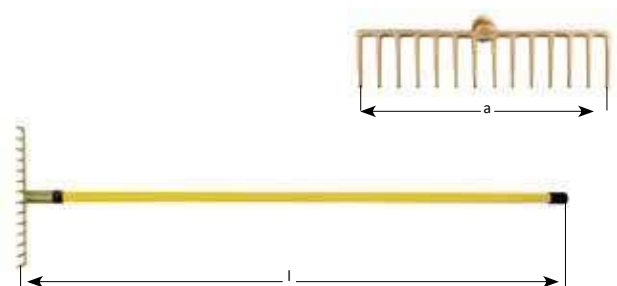
Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.911.000	150	1600	1505
103.911.001	200	1600	1740
103.911.002	250	1600	2050
103.911.003	290	1600	2170

MANURE FORK



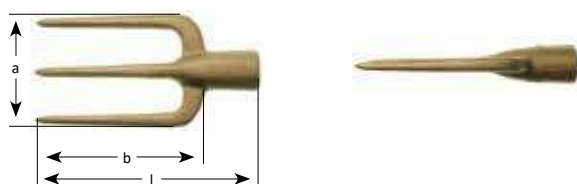
Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weig ht (g)
103.912.002	230	330	1600	1640

RAKE



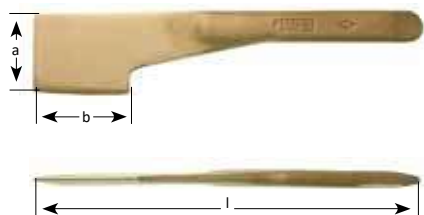
Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.913.100	360	1600	1530

TRIDENT WITHOUT SHANK



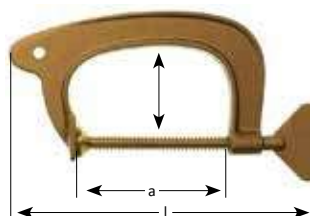
Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weig ht (g)
103.912.000	90	140	200	600
103.912.004	150	250	370	1305

CARBIDE DRUM OPENER



Product code	Width b (mm)	Width a (mm)	Length l (mm)	Weig ht (g)
103.950.100	60	75	305	750

EARTHING CLAMP



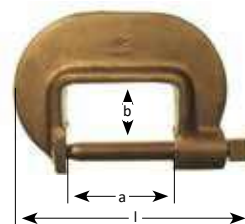
Product code	Width b (mm)	Length q (mm)	Length l (mm)	Weig ht (g)
103.954.000	75	105	230	800

BOX OPENER



Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.951.100	70	230	420

CLAMP



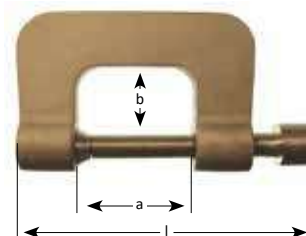
Product code	Width b (mm)	Length q (mm)	Length l (mm)	Weig ht (g)
103.958.000	19	19	79	175
103.958.002	75	115	290	4445
103.958.005	90	165	370	9244

NAIL EXTRACTOR



Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.952.100	115	460	1815

CLAMP WITH PIN



Product code	Width b (mm)	Length q (mm)	Length l (mm)	Weig ht (g)
103.958.001	19	19	79	175
103.958.003	75	115	290	4445
103.958.004	75	115	290	4445
103.958.006	75	115	290	4445
103.958.007	75	115	290	4445
103.958.008	75	115	290	4445
103.958.009	90	165	370	9244

HOOK



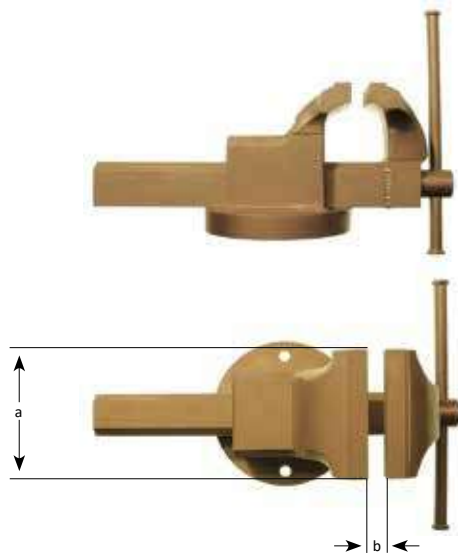
Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.953.000	176	380	1800

CLAMP PIN



Product code	Width b (mm)	Length l (mm)	Weig ht (g)
103.958.010	10	150	95
103.958.011	13	200	180
103.958.012	16	250	400
103.958.013	20	300	650

PARALLEL VICE



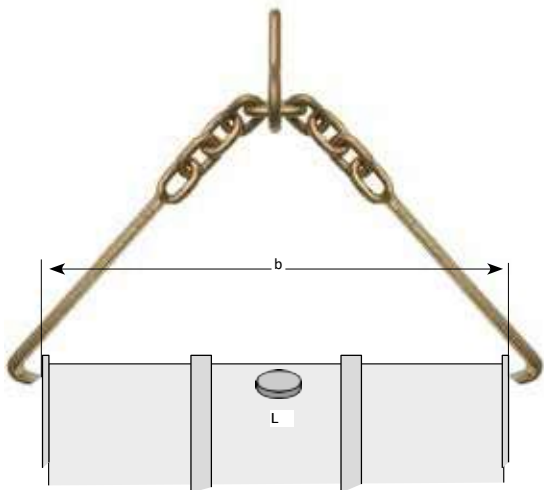
Product code	Width a (mm)	Width b max (mm)	Weight (g)
103.955.000	130	170	1700

BUCKET



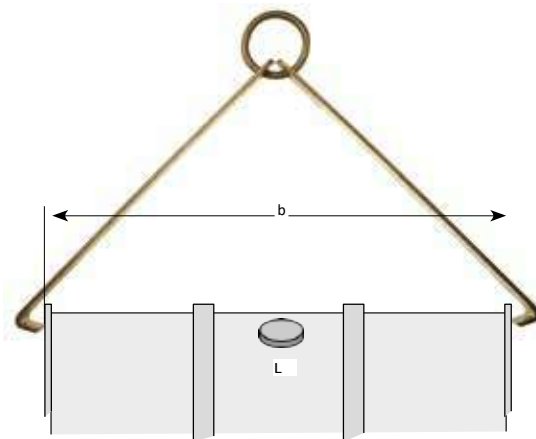
Product code	Volume (l)	Width (mm)	Length (mm)	Weight (g)
103.957.100	10	255	250	3000

CHAIN HOOK FOR BARRELS, ADJUSTABLE



Product code	Barrel weight (mm)	Barrel length (mm)	Weight (g)
103.956.101	700	1060	2430

DRUM HOOK, FIXED



Product code	Barrel weight (mm)	Barrel length (mm)	Weight (g)
103.956.100	700	1060	4545

NEW

RING SPANNER FOR BEATING

SAFEWRENCH

INNOVATIVE HAND TOOL
FOR TIGHTENING OR LOOSENING SCREWS

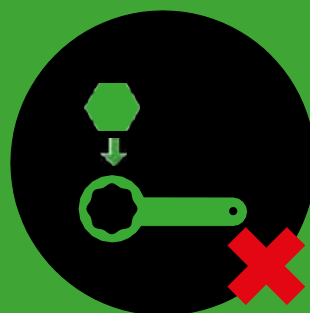


The SAFEWRENCH ring spanner is a new generation of beating tool, distinguished from other tools of this type by the highest level of safety in use.

Thanks to the two built-in spring washers, the key stays in place without the need to support it with the other hand, eliminating the risk of injury to the hand when striking with the hammer.



WITHOUT HAND
SUPPORT - NO RISK
OF INJURY



DOES NOT FALL OFF
THE NUTS - EASY
ASSEMBLY



IDEAL FOR
TIGHTENING
AND
REMOVAL
SEIZED BOLTS



ONLY ONE PERSON IS
NEEDED TO OPERATE



NON-SPARKING VERSION

Safewrench



COD F	SIZE
103.000.200	24 mm
103.000.201	27 mm
103.000.202	30 mm
103.000.203	32 mm
103.000.204	36 mm
103.000.205	41 mm
103.000.206	46 mm
103.000.207	50 mm
103.000.208	55 mm
103.000.209	60 mm
103.000.210	65 mm
103.000.211	70 mm
103.000.212	75 mm

BASIC VERSION

Safewrench

COD F	SIZE
103.000.100	24 mm
103.000.101	27 mm
103.000.102	30 mm
103.000.103	32 mm
103.000.104	36 mm
103.000.105	41 mm
103.000.106	46 mm
103.000.107	50 mm
103.000.108	55 mm
103.000.109	60 mm
103.000.110	65 mm
103.000.111	70 mm
103.000.112	75 mm



INDUSTRIAL MATTING



PICTURES



Reduction of fatigue

Mats made of suitable, resilient materials improve blood circulation in the legs, reduce fatigue and increase comfort.



Anti-slip

The mats increase traction with the right textures and surface patterns.



Oil-resistant

Mats suitable for contact with oils in industrial environments.



Welding

Mats made of rubber compounds resistant to hot swarf, splatter and suitable for use in welding work.



ESD

Antistatic mats made of conductive materials. Suitable for use in EPA protected areas. They protect against harmful the effects of static electricity.



Fireproof

Fire- and heat-resistant mats. Tested by independent laboratories.



Grip Step®

Highly friction coating. Prevents slipping in very slippery environments. Slip resistance: R13 in accordance with DIN 51130.



Drainage

Open-design drainage mats drain spilled liquids and pollutants directly onto the floor. For use in dry, wet and humid environments.



Depreciation

The mats cushion and protect falling materials, tools and the floor itself from damage. They dampen noise.



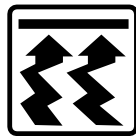
Electro-insulation

Electrical insulating mats. Protect workers from electric shock.



Circular traffic

Mats suitable for sites where there is vehicular traffic.



Insulation

Mats protect workers from contact with cold and wet floors. They improve the overall wellbeing of employees.



Heavy-duty mats suitable for use in harsh, extreme conditions in industrial environments.



Withstanding medium loads

Mats suitable for use in medium conditions in industrial environments.



Resistant to low loads Mats suitable for use in light industrial environments.



Modular system

Mats that can be joined together by clipping one mat to another and build different workstation configurations as required. They can be used as individual modules, but their design also allows large areas to be lined.



Resistant to negative temperatures

The mats can withstand sub-zero temperatures.



Resistant to oils, greases and fats

Matting resistant to vegetable oils and animal fats.



RedStop™

Mats marked with this symbol have an adhesive coating on the underside that prevents the mats from sliding on the floor.



MicroStop™

Antibacterial additives added to the mat material prevent the growth of fungi and mould, which can cause odours and stains. The antibacterial additives protect the mat from rapid deterioration.



NSF

Tested and certified by the US National Sanitation Foundation for protection against oils, greases.



Withstanding medium loads Mats suitable for use in medium conditions in industrial environments.



Mats suitable for bare feet

Comfortable, warm mats for use in areas where bare feet are walked on.



Cleaning

The mats withstand cleaning with pressure washers and hot water.

PRODUCT TESTING

All Notrax® floor mats are subjected to rigorous testing by independent laboratories before being launched on the market. Charts, diagrams in the catalogue named

- "Product Testing" are designed to compare mats with each other.

Wear resistance

Determines the time after which the mat loses its service properties. For this purpose, an accelerated wear test is carried out. The product is abraded using the

5,000 rotations with an abrasive wheel. The greater the weight loss of the product, the faster the wear. The higher the bar on the graph, the greater the wear resistance of the mat.

Anti-slip properties Determines the non-slip properties of the mats. The test examines the force required for a load placed on the mat to be moved. The coefficient is obtained by dividing the force required by the weight of the load. The higher the bar on the graph, the greater the slip resistance of the mat.

Reduction of fatigue

Determines the level of comfort that is provided to the user moving on the mat. First the initial thickness of the mat is measured. Then pressure is applied to the mat surface and the thickness is measured again under this pressure. The difference between these two parameters is referred to as deflection and compared to other mats. The higher the bar on the graph, the better the fatigue-reducing properties.

782 SKY TRAX®

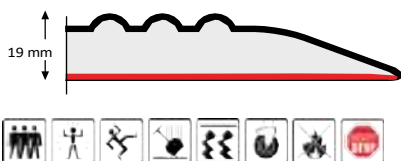
- The combination of highly durable vinyl flooring with resilient, hard-wearing vinyl foam provides superior durability and the best anti-fatigue properties.
- Ergonomic benefits due to the unique bubble structure of the top layer and the 19mm thickness.
- Provides adequate slip resistance R9 to DIN51130 and BG-rule BGR181.
- It uses RedStop™, an adhesive coating that prevents the mats from sliding on the floor.
- Yellow edges available in accordance with OSHA recommendation 1910-144
- On all four sides the mat is finished with a slope minimising the risk of tripping.
- The Uni-Fusion™ lamination technology makes it impossible for the top layer of the mat to separate from the bottom layer.
- Thick, strong PVC layer - 5mm, permanently bonded to 14mm thick vinyl foam.
- Thickness: 19 mm.
- Weight: 6.9 kg / (?=m^2).
- Fire classification: Cfl-S2 to DIN EN ISO 13501.
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.



RECOMMENDED USES:

- Intensive use, dry environment, industry

PRODUCT TESTING

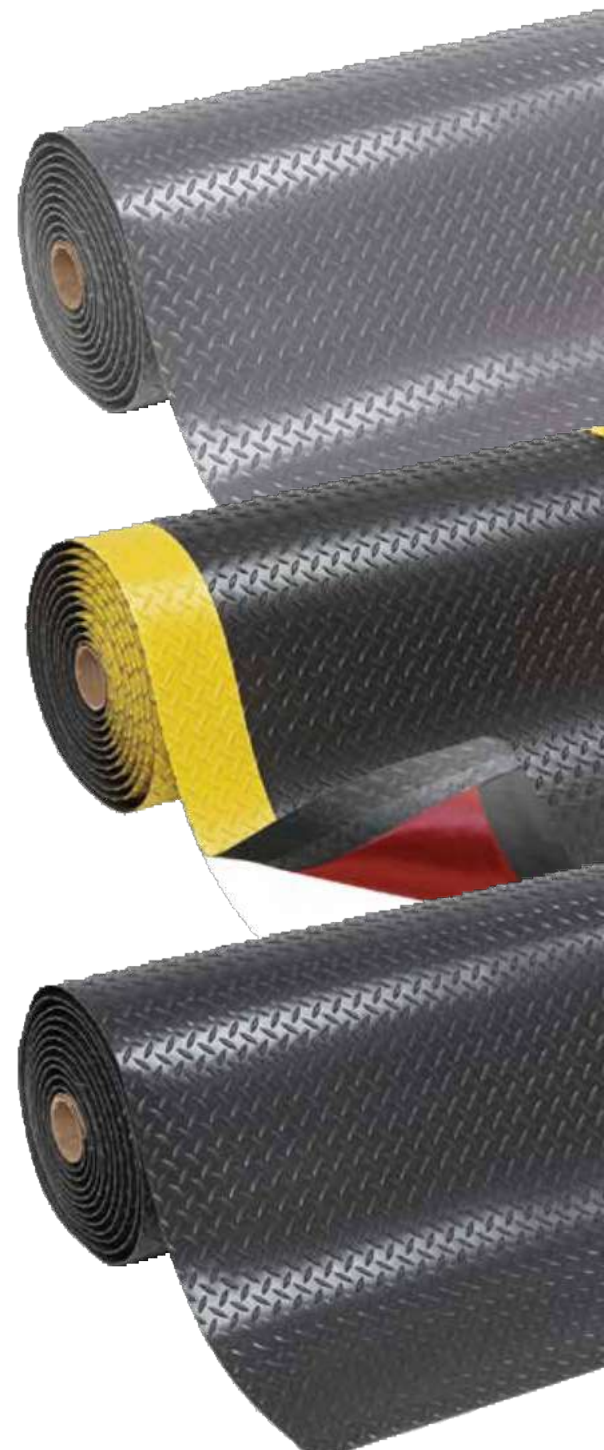


Available versions

782 Sky Trax®				
Dimensions	Weight	Colour grey	Black colour	Colour black/yellow
60 cm x 91 cm	4.1 kg	111.100.600	111.100.620	111.100.659
91 cm x 150 cm	10.1 kg	111.100.601	111.100.621	111.100.660
91 cm x 2 m	13.8 kg	111.100.602	111.100.622	111.100.661
91 cm x 3 m	20.8 kg	111.100.603	111.100.623	111.100.662
91 cm x 6 m	41.5 kg	111.100.604	111.100.624	111.100.663
60 cm x 21.9 m	105 kg	111.100.653	111.100.656	111.100.664
91 cm x 21.9 m	166 kg	111.100.654	111.100.657	111.100.665
122 cm x 21.9 m	219 kg	111.100.655	111.100.658	111.100.666
152 cm x 21.9 m	311 kg	111.100.672	111.100.673	-
60 cm x mb	4.8 kg	111.100.609	111.100.629	111.100.668
91 cm x mb	7.5 kg	111.100.610	111.100.630	111.100.669
122 cm x mb	10 kg	111.100.611	111.100.631	111.100.670
152 cm x mb	14 kg	111.100.612	111.100.632	111.100.671

479 CUSHION TRAX®

- The top extra-strong PVC lining permanently bonded to the microcellular PVC foam and the overall thickness of 14mm provide exceptional comfort and resistance to intensive use.
- The diamond pattern on the surface of the mat provides a good grip and at the same time allows easy rotation on the mat.
- Slip resistance R10 to DIN51130 and BG-rule BGR181.
- Certified by the National Floor Safety Institute (NFSI)
- It uses RedStop™, an adhesive coating that prevents the mats from sliding on the floor.
- Yellow edge mat available, compliant with OSHA 1910-144 recommendations.
- On all four sides the mat is finished with a slope minimising the risk of tripping.
- The Uni-Fusion™ lamination technology makes it impossible for the top layer of the mat to separate from the bottom layer.
- Thick, strong PVC layer - 4.7mm, permanently bonded to 9.3mm thick vinyl foam.
- Thickness: 14 mm.
- Weight: 5.5 kg / m².
- Fire classification: Bfl-S1 in accordance with DIN EN ISO 13501-1
- Anti-slip certification: NSF1
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.



RECOMMENDED USES:

- Intensive use, dry environment, industry

PRODUCT TESTING



Available versions

479 Cushion Trax®				
Dimensions	Weight	Colour grey	Black colour	Colour black/yellow
60 cm x 91 cm	3.2 kg	111.100.200	111.100.210	111.100.220
91 cm x 150 cm	7.8 kg	111.100.201	111.100.211	111.100.221
91 cm x 3 m	15.8 kg	111.100.202	111.100.212	111.100.222
91 cm x 6 m	31.6 kg	111.100.203	111.100.213	111.100.223
60 cm x 22.8 m	80 kg	111.100.204	111.100.214	111.100.224
91 cm x 22.8 m	120 kg	111.100.205	111.100.215	111.100.225
122 cm x 22.8 m	165 kg	111.100.206	111.100.216	111.100.226
152 cm x 22.8 m	220 kg	-	111.100.230	111.100.232
60 cm x mb	3.6 kg	111.100.207	111.100.217	111.100.227
91 cm x mb	5.2 kg	111.100.208	111.100.218	111.100.228
122 cm x mb	7.4 kg	111.100.209	111.100.219	111.100.229
152 cm x mb	9.8 kg	-	111.100.231	111.100.233

DRY AREAS

MODERATELY INTENSIVE USE

406 CROSSRIB SOF-TRED™

- Cross grooving provides good grip and is easy to sweep

PRODUCT TESTING

WEAR RESISTANCE ANTI-SLIP

PROPERTIES

REDUCTION OF FATIGUE

GOOD VERY GOOD BEST



Available versions

406 Crossrib Sof-Tred™		
Dimensions	Weight	Colour black/yellow
60 cm x 91 cm	2.1 kg	111.110.110
91 cm x 150 cm	5.3 kg	-
60 cm x 18.3 m	43 kg	111.110.112
91 cm x 18.3 m	64 kg	111.110.113
122 cm x 18.3 m	86 kg	111.110.114
60 cm x mb	2.3 kg	111.110.115
91 cm x mb	3.5 kg	111.110.116
122 cm x mb	4.7 kg	111.110.117

413 SOF-TRED™ GRIPPER

- Longitudinal grooving for good grip

PRODUCT TESTING

WEAR RESISTANCE

ANTI-SLIP PROPERTIES

REDUCTION OF FATIGUE

GOOD VERY GOOD BEST



Available versions

413 Gripper Sof-Tred™			
Dimensions	Weight	Colour grey	Colour black/yellow
60 cm x 91 cm	2.1 kg	111.110.200	111.110.220
91 cm x 150 cm	5.3 kg	111.110.201	111.110.221
60 cm x 18.3 m	43 kg	111.110.202	111.110.222
91 cm x 18.3 m	64 kg	111.110.203	111.110.223
122 cm x 18.3 m	86 kg	111.110.204	111.110.224
60 cm x mb	2.3 kg	111.110.205	111.110.225
91 cm x mb	3.5 kg	111.110.206	111.110.226
122 cm x mb	4.7 kg	111.110.207	111.110.227

DRY AREAS

MODERATELY INTENSIVE USE

417 BUBBLE SOF-TRED™

- Unique bubble surface for ultimate comfort

PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES REDUCTION OF



FATIGUE



GOOD VERY GOOD BEST



Available versions

417 Bubble Sof-Tred™				
Dimensions	Weight	Colour grey	Colour black/yellow	
60 cm x 91 cm	2.1 kg	111.110.300	111.110.420	
91 cm x 150 cm	5.3 kg	111.110.301	-	
60 cm x 18.3 m	43 kg	111.110.302	-	
91 cm x 18.3 m	64 kg	111.110.303	111.110.423	
122 cm x 18.3 m	86 kg	111.110.304	-	
60 cm x mb	2.3 kg	111.110.305	111.110.425	
91 cm x mb	3.5 kg	111.110.306	111.110.426	
122 cm x mb	4.7 kg	111.110.307	111.110.427	

419 DIAMOND SOF-TRED™

- Non-directional surface with a "fluted sheet" pattern

PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



Available versions

419 Diamond Sof-Tred™				
Dimensions	Weight	Colour grey	Black colour	Colour black/yellow
60 cm x 91 cm	2.1 kg	111.110.400	111.110.410	111.110.420
91 cm x 150 cm	5.3 kg	111.110.401	111.110.411	-
60 cm x 18.3 m	43 kg	111.110.402	111.110.412	-
91 cm x 18.3 m	64 kg	111.110.403	111.110.413	111.110.423
122 cm x 18.3 m	86 kg	111.110.404	111.110.414	-
60 cm x mb	2.3 kg	111.110.405	111.110.415	111.110.425
91 cm x mb	3.5 kg	111.110.406	111.110.416	111.110.426
122 cm x mb	4.7 kg	111.110.407	111.110.417	111.110.427

DRY AREAS

LOW INTENSITY USE

408 AIRUG PLUS™

- Grooved pattern increases grip
- Weight: 2.8 kg / m²

PRODUCT TESTING

WEAR RESISTANCE



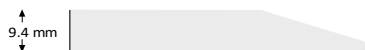
ANTI-SLIP PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



Available versions

408 Airug Plus™				
Dimensions	Weight	Colour grey	Black colour	
60 cm x 91 cm	1.9 kg	111.120.130	111.120.140	
91 cm x 150 cm	4.6 kg	111.120.131	111.120.141	
60 cm x 18.3 m	37.5 kg	111.120.132	111.120.142	
91 cm x 18.3 m	55.7 kg	111.120.133	111.120.143	
122 cm x 18.3 m	75 kg	111.120.134	111.120.144	
60 cm x mb	2 kg	111.120.135	111.120.145	
91 cm x mb	3.1 kg	111.120.136	111.120.146	
122 cm x mb	4.1 kg	111.120.137	111.120.147	

409 SOF-TRED PLUS™

- Pebble pattern for non-directional movements easy to sweep
- Weight: 2.8 kg / m²

PRODUCT TESTING

WEAR RESISTANCE



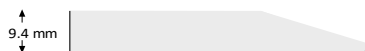
ANTI-SLIP PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



Available versions

409 Sof-Tred Plus™					
Dimensions	Weight	Colour grey	Black colour	Colour black/yellow	
60 cm x 91 cm	1.9 kg	111.120.240	111.120.250	-	
91 cm x 150 cm	4.6 kg	111.120.241	111.120.251	-	
60 cm x 18.3 m	37.5 kg	111.120.242	111.120.252	-	
91 cm x 18.3 m	55.7 kg	111.120.243	111.120.253	111.120.263	
122 cm x 18.3 m	75 kg	111.120.244	111.120.254	-	
60 cm x mb	2 kg	111.120.245	111.120.255	111.120.265	
91 cm x mb	3.1 kg	111.120.246	111.120.256	111.120.266	
122 cm x mb	4.1 kg	111.120.247	111.120.257	111.120.267	

DRY AREAS

LOW INTENSITY USE

410 AIRUG®

- Grooved pattern increases grip
- Weight: 2.3 kg / m²

PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



Available versions



410 Airug®				
Dimensions	Weight	Colour grey	Black colour	Colour black/yellow
60 cm x 91 cm	1.3 kg	-	111.120.110	111.120.120
91 cm x 150 cm	3.2 kg	111.120.101	111.120.111	-
60 cm x 18.3 m	26 kg	111.120.102	-	-
91 cm x 18.3 m	38 kg	-	111.120.113	111.120.123
122 cm x 18.3 m	51 kg	111.120.104	-	-
60 cm x mb	1.4 kg	111.120.105	111.120.115	-
91 cm x mb	2.1 kg	-	-	111.120.126
122 cm x mb	2.8 kg	111.120.107	-	111.120.127

411 SOF-TRED™

- Pebble pattern for non-directional movements easy to sweep
- Weight: 2.3 kg / m²

PRODUCT TESTING

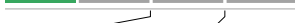
WEAR RESISTANCE



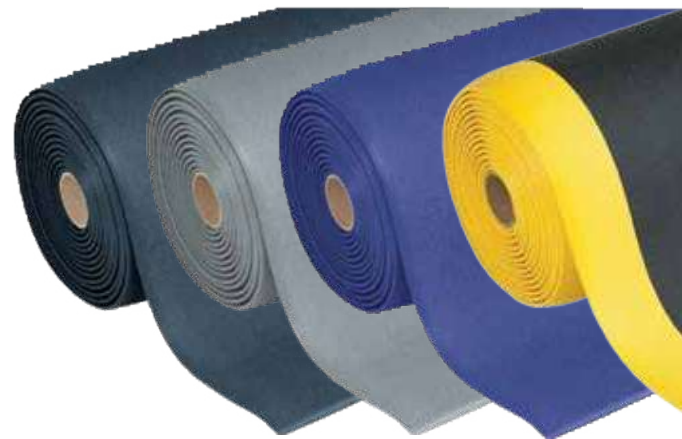
ANTI-SLIP PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



Available versions



411Sof-Tred™					
Dimensions	Weight	Colour grey	Black colour	Blue colour	Colour black/yellow
60 cm x 91 cm	1.4 kg	111.120.200	111.120.210	-	-
91 cm x 150 cm	3.5 kg	111.120.201	111.120.211	-	111.120.231
60 cm x 18.3 m	30 kg	111.120.202	111.120.212	-	111.120.232
91 cm x 18.3 m	43 kg	111.120.203	111.120.213	-	111.120.233
122 cm x 18.3 m	60 kg	111.120.204	111.120.214	-	111.120.234
60 cm x mb	1.6 kg	111.120.205	111.120.215	111.120.225	111.120.235
91 cm x mb	2.4 kg	-	111.120.216	111.120.226	111.120.236
122 cm x mb	3.3 kg	111.120.207	-	111.120.227	111.120.237

649 SAFETY STANCE SOLID™

- A very good quality anti-fatigue mat suitable for use in harsh environments.
- The unique DiamondGrid™ surface pattern provides adequate slip resistance, grooves on the surface drain small oil spills.
- Made from 100% nitrile rubber compound, resistant to industrial oils and aggressive chemicals.
- Suitable matting for multi-shift work.
- The closed surface makes cleaning easier and prevents small objects from falling under the mat.
- The ergonomic properties are fulfilled thanks to the 20 mm thickness and the appropriate elasticity of the mat.
- The standard-size mats are laid directly onto the floor and do not require assembly. - Visible invasions in orange to further promote safety. - Silicone-free, can be used in paint shops.
- Durable 100% nitrile rubber compound.
- Resistant to industrial oils and aggressive chemicals.
- Orange overrun slats fitted on 3 sides, complies with: OSHA Code 1910-144.
- Slip resistance: R10 according to DIN 51130
- Thickness: 20 mm.
- Weight: 15 kg / m².
- DOP-, DMF- and ozone-free, silicone-free

RECOMMENDED USES:

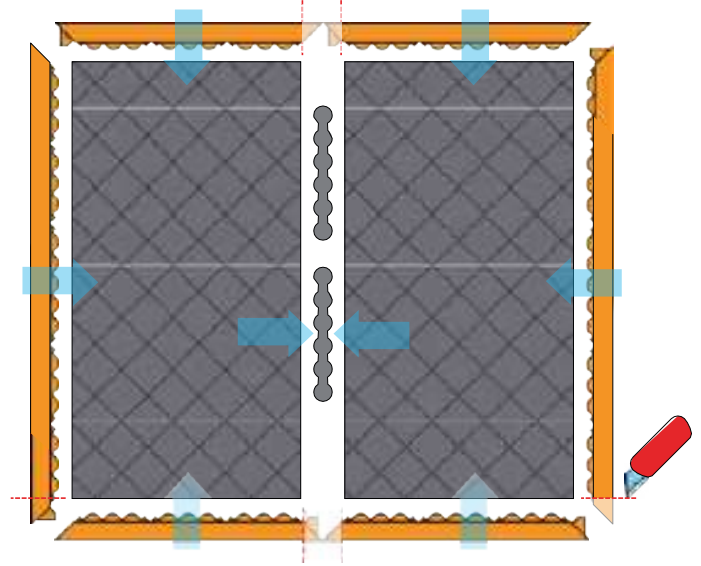
- heavy loads - environment

PRODUCT TESTING



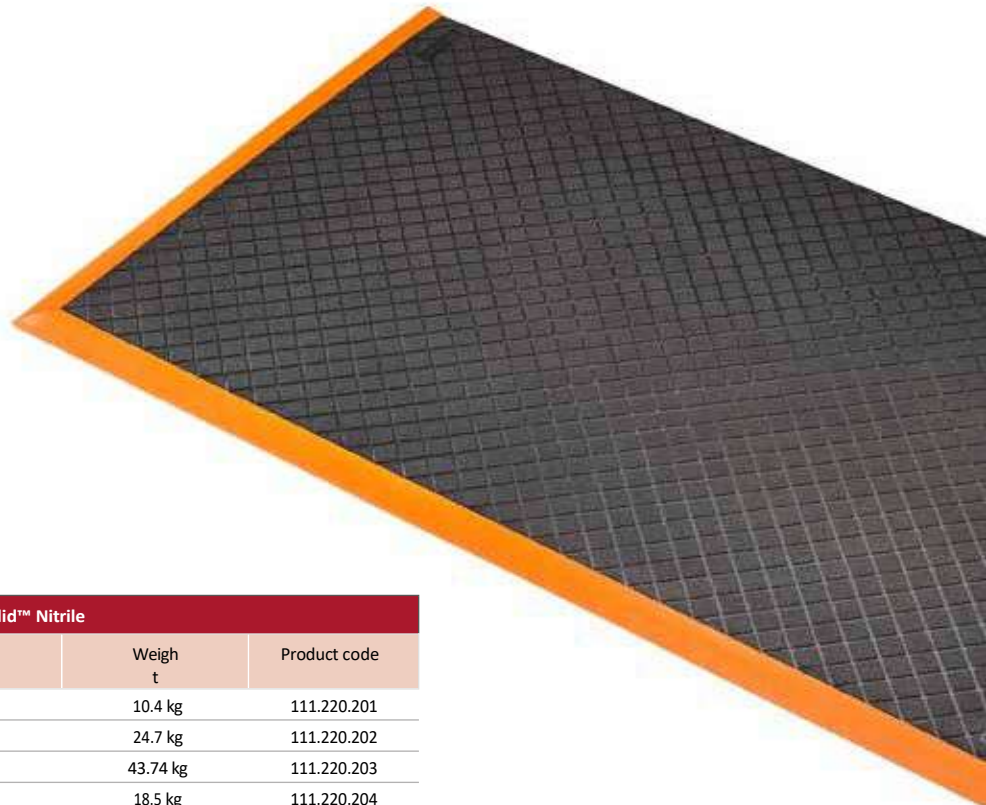
Available versions

649 Safety Stance Solid™ Nitrile		
Dimensions	Weight	Product code
Mat with 3 orange borders: 66 cm x 102 cm	10.4 kg	111.220.201
Mat with 3 orange borders: 97 cm x 163 cm	24.7 kg	111.220.202
Mat with 3 orange borders: 97 cm x 315 cm	43.74 kg	111.220.203
Mat with 3 orange borders: 91 cm x 152 cm	18.5 kg	111.220.204
Edging 152 cm (orange)	1.3 kg	111.205.911
Edge 91 cm (orange)	0.7 kg	111.205.903
Connector 30 cm	0.3 kg	111.220.105



649 Safety Stance Solid™ Custom

Dimensions on request. Price quoted in square metres. The mat can also be ordered in any configuration, according to your needs.





Cushion Ease Solid™ series

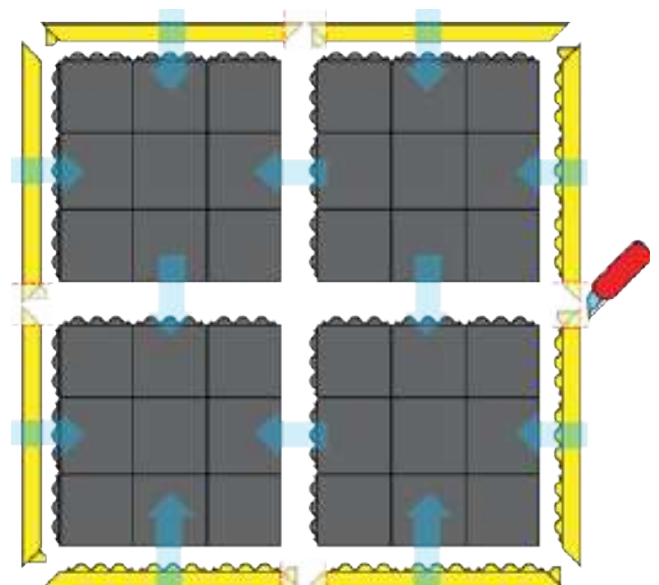
- The 91 cm x 91 cm modular rubber mats can be easily assembled on any surface thanks to the appropriate connectors.
- Any configuration can be built.
- Extraordinary fatigue-reducing capacity thanks to the unique flexible mat construction, 19 mm thick.
- The mats fit the patented MD Ramp System™, which allows for easy and safe finishing of edges including internal and external angles.
- Durable rubber compounds for various applications
- Thickness: 19 mm.
- Weight: 12.7 kg / module.
- Slip resistance: R9 to DIN 51130.
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.

RECOMMENDED USES:

- heavy loads - dry environment

ACCESSORIES:

- MD Ramp System™ Nitrile male and female in yellow and black



556 CUSHION EASE SOLID™

- Blend of 100% natural rubber
- General-purpose rubber material



Available versions

Art.556 Cushion Ease Solid™		
Dimensio	Weigh	Product code
91 cm x 91 cm	12.7 kg	111.200.100
m²	13.6 kg	111.200.101



PRODUCT TESTING



656S CUSHION EASE SOLID™ NITRILE

- Blend of 100% nitrile rubber
- Resistant to most industrial oils



Available versions

Art.656S	Cushion Ease Solid™ Nitrile	
Dimensions	Weight	Product code
91 cm x 91 cm	12.7 kg	111.200.701
m²	13.6 kg	111.200.700



PRODUCT TESTING



656SFR CUSHION EASE SOLID™ NITRILE FR

- Blend of 100% nitrile rubber
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites

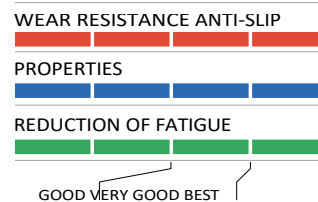


Available versions

Art.656SFR Cushion Ease Solid™ Nitrile FR		
Dimensions	Weight	Product code
91 cm x 91 cm	12.7 kg	111.200.300
m²	13.6 kg	111.200.301



PRODUCT TESTING



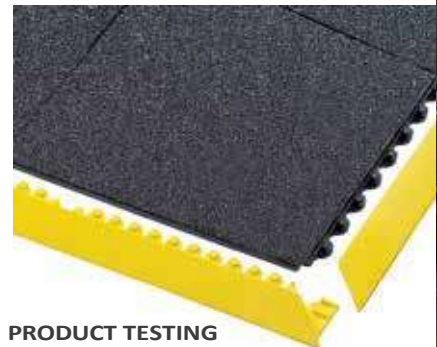
856SFR CUSHION EASE SOLID™ NITRILE GSII® FR

- Blend of 100% nitrile rubber
- Grip Step® friction surface for areas at increased risk of tripping
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites



Available versions

856SFR Cushion Ease Solid™ Nitrile GSII FR		
Dimensions	Weight	Product code
91 cm x 91 cm	13 kg	111.200.400
m2	13.9 kg	111.200.401



PRODUCT TESTING



558 CUSHION EASE™ ESD

- Blend of 100% natural rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance Rg 106 - 109 Ω, Rp 106 - 109 Ω
- In addition, earthing cables can be purchased.

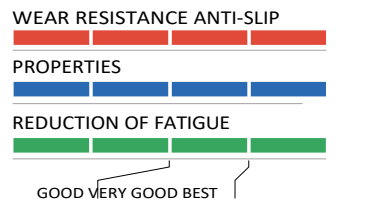


Available versions

558 Cushion Ease Solid™ ESD		
Dimensio	Weight	Product code
91 cm x 91 cm	12.7 kg	111.210.500



PRODUCT TESTING



661S CUSHION EASE SOLID™ ESD NITRILE FR

- Blend of 100% nitrile rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance Rg 106 - 109 Ω, Rp 106 - 109 Ω
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites
- In addition, earthing cables can be purchased.

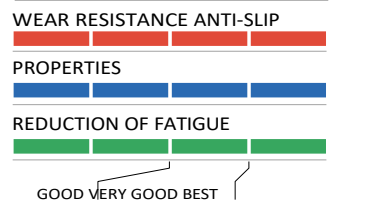


Available versions

661S Cushion Ease Solid™ ESD Nitrile FR		
Dimensions	Weight	Product code
91 cm x 91 cm	12.7 kg	111.300.200
m2	13.6 kg	111.300.201



PRODUCT TESTING



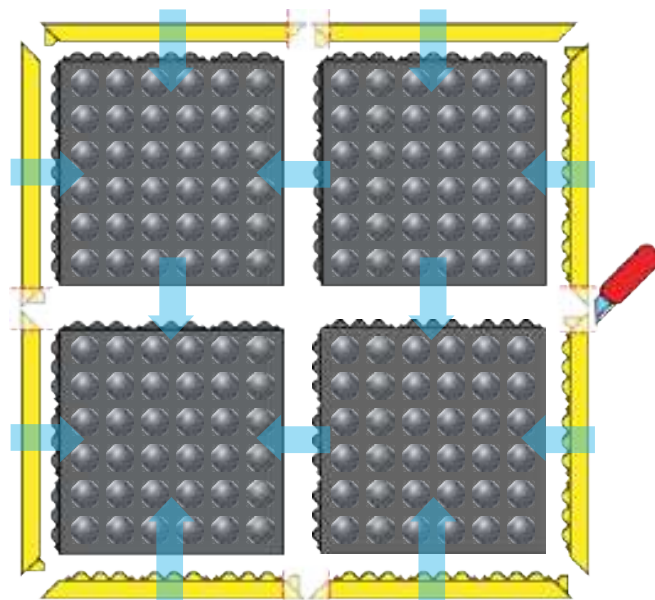


Skywalker HD™ series

- The 91 cm x 91 cm modular rubber mats can be easily assembled into individual modules on any surface, thanks to the appropriate connectors.
- Any configuration can be built.
- Extraordinary fatigue-reducing capacity thanks to the mat's unique flexible design, bubble surface and 13 mm thickness.
- On the underside, the mat is divided by a grid into 30cm x 30cm sections, which makes it easy to cut the mat to fit almost any area.
- The mats have a set of nitrile overrun strips, which allows for easy and safe finishing of edges including internal and external angles.
- Durable rubber compounds.
- Thickness: 13 mm.
- Weight: 10 kg / module.
- Slip resistance: R9 to DIN 51130.
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.

RECOMMENDED USES:

- heavy loads - dry environment



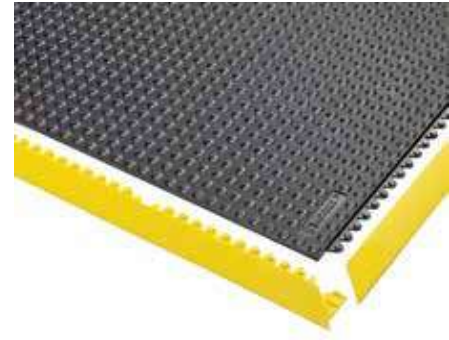
460 SKYWALKER HD™

- Blend of 100% natural rubber
- General-purpose rubber material

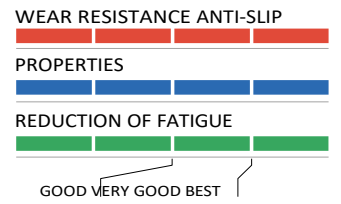


Available versions

460 Skywalker HD™		
Dimensions	Weight	Product code
91 cm x 91 cm	10 kg	111.140.600
m2	12 kg	111.140.603



PRODUCT TESTING



462 SKYWALKER HD™ NITRILE

- Blend of 100% nitrile rubber
- Resistant to most industrial oils

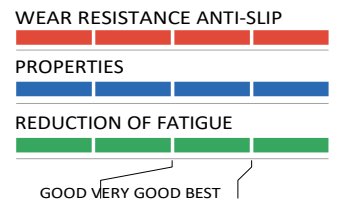


Available versions

462 Skywalker HD™ Nitrile		
Dimensions	Weight	Product code
91 cm x 91 cm	10 kg	111.140.610
m2	12 kg	111.140.611



PRODUCT TESTING



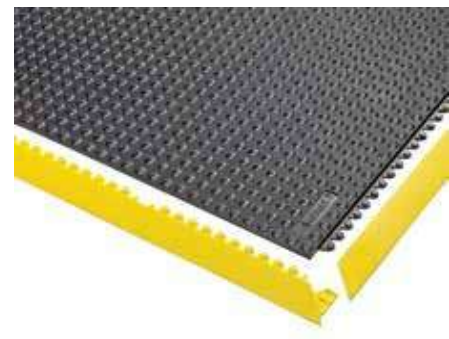
463 SKYWALKER HD™ ESD

- Blend of 100% natural rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$

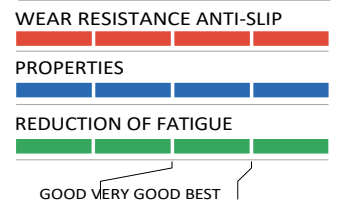


Available versions

463 Skywalker HD™ ESD		
Dimensio	Weigh	Product code
m2	12 kg	111.140.622



PRODUCT TESTING

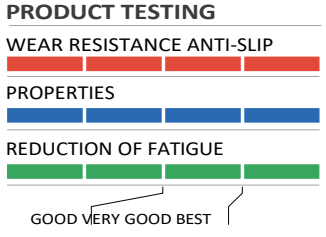


464 SKYWALKER HD™ ESD NITRILE FR

- Blend of 100% nitrile rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance Rg 106 - 109 Ω, Rp 106 - 109 Ω
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites



464 Skywalker HD™ ESD Nitrile FR		
Dimensions	Weight	Product code
91 cm x 91 cm	10 kg	111.180.100
m ²	12 kg	111.180.101

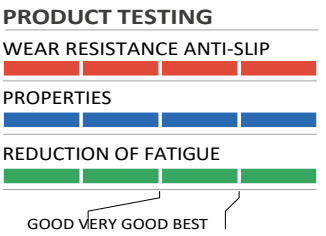
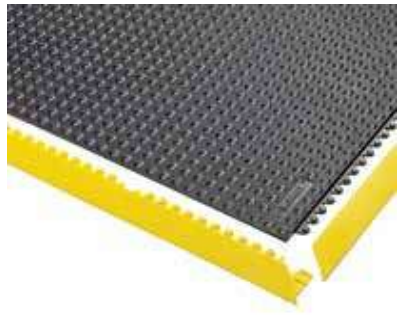


465 SKYWALKER HD™ NITRILE FR

- Blend of 100% nitrile rubber
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites



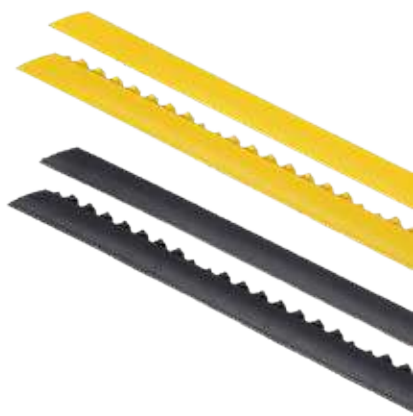
465 Skywalker HD™ Nitrile FR		
Dimensions	Weight	Product code
91 cm x 91 cm	10 kg	111.140.630
m ²	12 kg	111.140.631



461 SKYWALKER HD™ RAMP NITRILE

Available versions

461 Skywalker HD™ Ramp Nitrile		
Dimensions	Weight	Product code
Male edging 91 cm (black)	0.4 kg	111.140.690
Female edging 91 cm (black)	0.4 kg	111.140.691
Male edging 91 cm (yellow)	0.4 kg	111.140.692
Female edging 91 cm (yellow)	0.4 kg	111.140.693

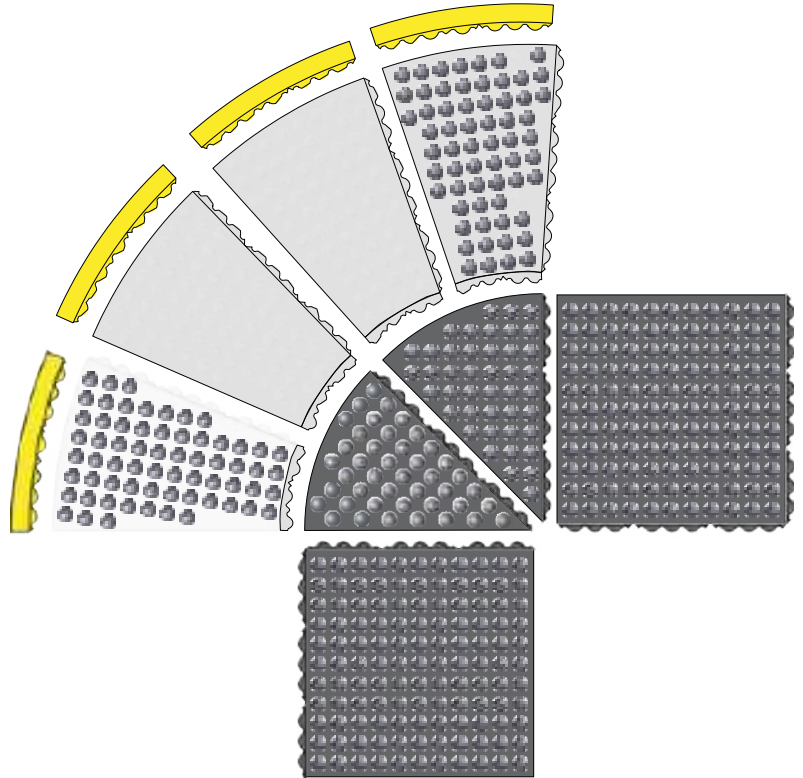


Skywalker HD™ accessories

- The Skywalker HD™ series accessories are built in a similar way to the Skywalker HD™.
- They have the same ergonomic bubble surface and are made of the same rubber compounds for different applications.
- This allows almost any configuration of entire work areas.
- Durable rubber compounds.
- Thickness: 13 mm.
- Weight: 10 kg / module.
- Slip resistance: R9 to DIN 51130.
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.

RECOMMENDED USES:

- heavy loads - dry environment



PRODUCT TESTING



469 SKYWALKER HD YELLOW™

- Yellow inserts used to mark different safety zones throughout the mat
- Blend of 100% nitrile rubber
- Resistant to most industrial oils



Available versions

469 Skywalker HD™ Safety Line Nitrile		
Dimensions	Weight	Product code
91 cm x 10 cm yellow	0.9 kg	111.140.640

SKYWALKER HD™ ACCESSORIES

DESCRIPTION:

- 91 cm - internal angle 45 degrees
- Accessible skirting boards made in nitrile, male and female 431 Skywalker HD™ i-Curve Safety Ramp Nitrile
- Weight: 4.3 kg / mat

COLOURS:

- Black

PRODUCT TESTING

WEAR RESISTANCE ANTI-SLIP



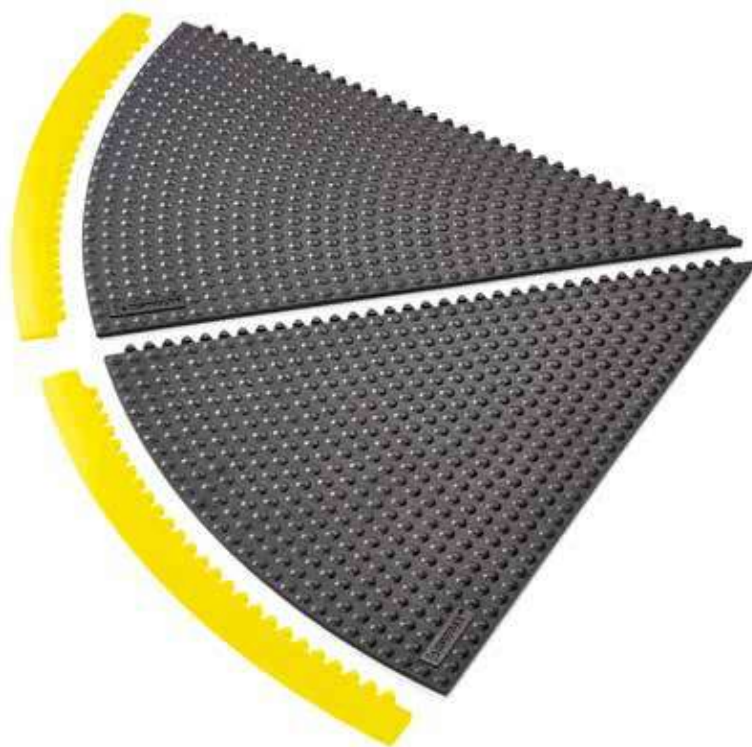
PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



430 SKYWALKER HD™ I-CURVE

- Blend of 100% natural rubber
- General-purpose rubber material



Available versions

Dimensions	Weight	Product code
Internal angle 45 degrees, 91 cm	4.3 kg	111.160.100

432 SKYWALKER HD I-CURVE™ NITRILE

- Blend of 100% nitrile rubber
- Resistant to most industrial oils



Available versions

Dimensions	Weight	Product code
Internal angle 45 degrees, 91 cm	4.3 kg	111.160.101

433 SKYWALKER HD I-CURVE™ ESD

- Blend of 100% natural rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{106} - 10^9 \Omega$, $R_p^{106} - 10^9 \Omega$

Available versions



Dimensions	Weight	Product code
Internal angle 45 degrees, 91 cm	4.3 kg	111.160.102

435 SKYWALKER HD I-CURVE™ NITRILE FR

- Blend of 100% nitrile rubber
- Resistant to most industrial oils and suitable for welding work sites

Available versions



Dimensions	Product code
Internal angle 45 degrees, 91 cm	111.160.104

DRY AREAS

INTENSIVE USE - MODULAR MATS

DESCRIPTION:

- 91 cm - external angle 22.5 degrees
- Accessible skirting boards made in nitrile, male and female 431 Skywalker HD™ i-Curve Safety Ramp Nitrile
- Weight: 6.4 kg / mat

COLOURS:

- Black

PRODUCT TESTING

WEAR RESISTANCE ANTI-SLIP



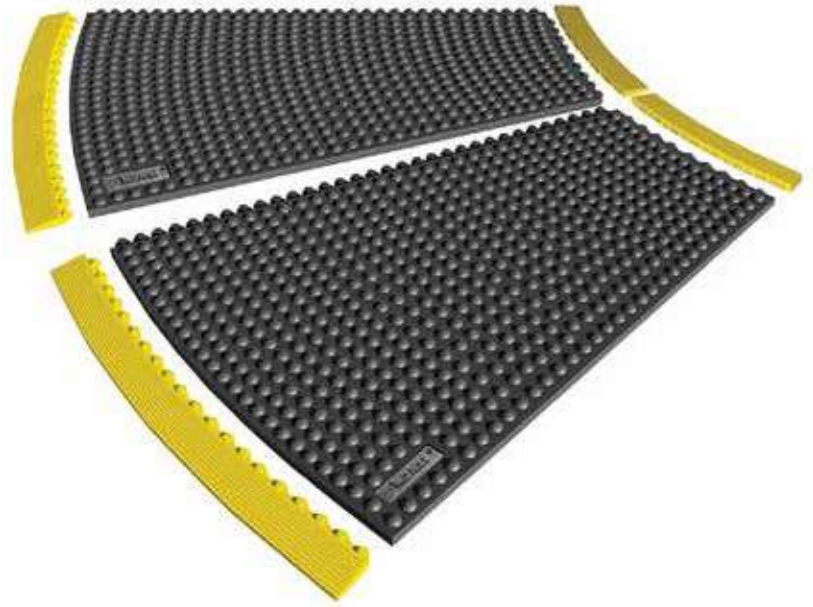
PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



440 SKYWALKER HD™ O-CURVE

- Blend of 100% natural rubber
- General-purpose rubber material

Available versions



Dimensions	Weight	Product code
External angle 45 degrees, 22.5 degrees, 91 cm	6.4 kg	111.165.100

443 SKYWALKER HD O-CURVE™ ESD

- Blend of 100% natural rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$

Available versions



Dimensions	Weight	Product code
External angle 45 degrees, 22.5 degrees, 91 cm	6.4 kg	111.165.102

444 SKYWALKER HD O-CURVE™ ESD NITRILE FR

- Blend of 100% nitrile rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites

Available versions



Dimensions	Weight	Product code
External angle 45 degrees, 22.5 degrees, 91 cm	6.4 kg	111.165.103

445 SKYWALKER HD O-CURVE™ NITRILE FR

- Blend of 100% nitrile rubber
- Resistant to most industrial oils and suitable for welding work sites
- Fire classification Bfl-S1 to EN 13501-1

Available versions



Dimensions	Weight	Product code
External angle 45 degrees, 22.5 degrees, 91 cm	6.4 kg	111.165.104



Skywalker® PUR series

- Mats made of polyurethane foam are very comfortable to use and the high quality of the material ensures durability.
- The mats insulate very well against cold floors thanks to the foam in which air molecules are trapped.
- Integral, non-porous skin improves compressive force deflection properties (>120 by ASTM 3574C) and provides wear resistance.
- The unique workstation mat provides optimal ergonomic performance for standing work.
- All 4 edges have bevelled edges minimising the risk of tripping.
- High-quality polyurethane foam.
- Thickness: 14 mm.
- Weight: 4.8 kg / m².
- Hardness: 25 Shore A, in accordance with DIN 53505.
- Temperature resistance: -40°C, +80°C.
- Slip resistance R11 to DIN 51130 and BG-rule BGR181.
- Environmentally friendly manufactured without the use of CFCs.

RECOMMENDED USES:

- dry environment, medium intensity use



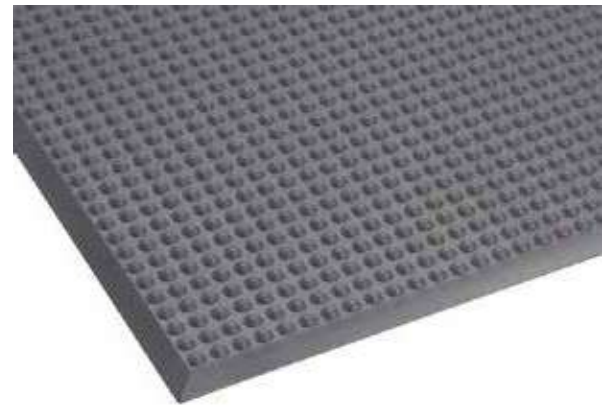
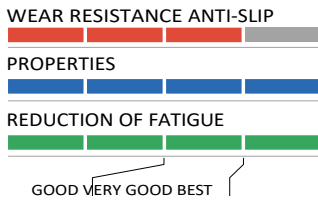
DRY AREAS

MEDIUM USE - POLYURETHANE MATS

450 SKYWALKER® PUR

- High-quality polyurethane foam
- General use
- The ergonomic bubble surface provides good grip and comfort for the feet.

PRODUCT TESTING



Available versions

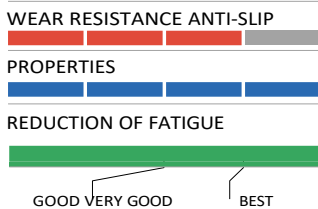


450 Skywalker® PUR		
Dimensions	Weight	Product code
65 cm x 95 cm	3 kg	111.130.100
65 cm x 140 cm	4.2 kg	111.130.101
65 cm x 185 cm	5.8 kg	111.130.102
95 cm x 125 cm	5.7 kg	111.130.103
95 cm x 155 cm	7.3 kg	111.130.104
95 cm x 185 cm	8.4 kg	111.130.105
m ²	4.7 kg	111.130.107

451 SKYWALKER® II PUR

- High-quality polyurethane foam
- General use
- Pebbled surface structure provides good grip and facilitates freedom of movement on the mat

PRODUCT TESTING



Available versions



451 Skywalker® II PUR		
Dimensions	Weight	Product code
65 cm x 90 cm	2.7 kg	111.130.200
65 cm x 135 cm	3.9 kg	111.130.201
65 cm x 175 cm	5.3 kg	111.130.202
90 cm x 125 cm	5.2 kg	111.130.203
90 cm x 155 cm	6.7 kg	111.130.204
90 cm x 185 cm	7.7 kg	111.130.205
m ²	4.7 kg	111.130.206

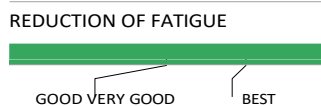
DRY AREAS

MEDIUM USE - POLYURETHANE MATS

452 SKYWALKER® PUR ESD

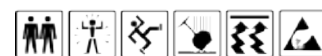
- Polyurethane foam with electrically dissipative properties
- The ergonomic bubble surface provides good grip and comfort for the feet.
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$
- In addition, earthing cables can be purchased.

PRODUCT TESTING



Available versions

452 Skywalker® PUR ESD		
Dimensions	Weight	Product code
65 cm x 95 cm	3 kg	111.170.100
65 cm x 140 cm	4.2 kg	111.170.101
65 cm x 185 cm	5.8 kg	111.170.102
95 cm x 125 cm	5.7 kg	111.170.103
95 cm x 155 cm	7.3 kg	111.170.104
95 cm x 185 cm	8.4 kg	111.170.105



453 SKYWALKER® II PUR ESD

- Polyurethane foam with electrically dissipative properties
- Pebbled surface structure provides good grip and facilitates freedom of movement on the mat
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$
- In addition, earthing cables can be purchased.

PRODUCT TESTING



Available versions

453 Skywalker® II PUR ESD		
Dimensions	Weight	Product code
65 cm x 90 cm	2.7 kg	111.175.100
65 cm x 135 cm	3.9 kg	111.175.101
65 cm x 175 cm	5.3 kg	111.175.102
90 cm x 125 cm	5.2 kg	111.175.103
90 cm x 155 cm	6.7 kg	111.175.104
90 cm x 185 cm	7.7 kg	111.175.105



DRY AREAS

MODERATE USE - STATIONARY RUBBER MATS

456 SKYSTEP™ NITRILE

- 100% nitrile rubber
- Resistant to most industrial oils



PRODUCT TESTING

WEAR RESISTANCE ANTI-SLIP



PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST

Available versions

456 Skystep™ Nitrile		
Dimensio	Weigh	Product code
60 cm x 90 cm	5.5 kg	111.140.510
90 cm x 120 cm	11.8 kg	111.140.511
90 cm x 150 cm	16 kg	111.140.512



457 SKYSTEP™ ESD

- Blend of 100% natural rubber with antistatic dissipative properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$
- In addition, earthing cables can be purchased.



PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES



REDUCTION OF



GOOD VERY GOOD BEST

Available versions

457Skystep™ ESD		
Dimensions	Weight	Product code
60 cm x 90 cm	5.5 kg	111.140.520
90 cm x 120 cm	11.8 kg	111.140.521
90 cm x 150 cm	16 kg	111.140.522



455 SKYSTEP™

- 100% natural rubber
- General-purpose rubber material



PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES



REDUCTION OF



GOOD VERY GOOD BEST

Available versions

455Skystep™		
Dimensions	Weight	Product code
60 cm x 90 cm	5.5 kg	111.140.500
90 cm x 120 cm	11.8 kg	111.140.501
90 cm x 150 cm	16 kg	111.140.502

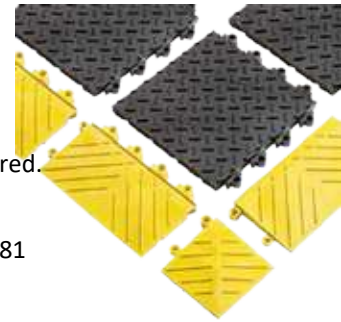


DRY AREAS

INTENSIVE USE - PVC MODULAR MATS

621 DIAMOND FLEX LOK™ SOLID

- Extraordinary fatigue reduction thanks to the unique flexible liner substructure.
- Offered in pre-assembled form or as separate modules for on-site assembly.
- The permanent fixing system ensures that the carpet will not come apart at the joints. No gluing required.
- Easy to install.
- Non-slip surface with corrugated sheet metal design, slip resistance: R10 to DIN51130 and BG-rule BGR181
- Thickness: 25 mm
- Weight: 9.7 kg / m²

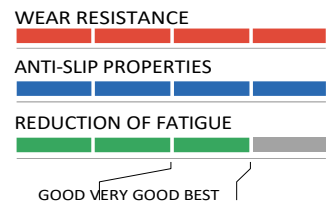


Available versions



621 Diamond Flex Lok™ Solid		
Dimensions	Weight	Product code
Mat with 3 edges 76 cm x 152 cm	10.8 kg	111.220.330
Mat with 3 edges 107 cm x 152 cm	16 kg	111.220.331
Mat with 3 edges 107 cm x 183 cm	20 kg	111.220.332
Module 30.48 cm x 30.48 cm	0.9 kg	111.220.333
Male edging 15.24 cm x 30.48 cm	0.4 kg	111.220.304
Female border 15.24 cm x 30.48 cm	0.4 kg	111.220.305
Corner 15.24 cm x 15.24 cm	0.2 kg	111.220.306
m ²	9.7 kg	111.220.337

PRODUCT TESTING



920HD CUSHION LOK HD™ SOLID

- The reinforced construction of the platforms withstands the heaviest loads.
- Custom-made as standard, in any shape and size.
- Non-slip surface.
- Thickness: 22.2 mm
- Weight: 16.2 kg / m²
- Slip resistance: R9 to DIN 51130 and BG-rule BGR181

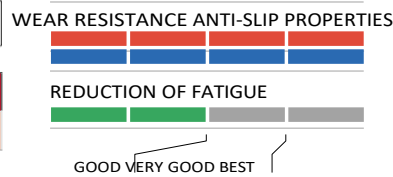


Available versions



920HD Cushion Lok™ Heavy Duty Solid		
Dimensions	Weight	Product code
76 cm x 152 cm	18.7 kg	111.220.601
107 cm x 183 cm	31.7 kg	111.220.602
m ²	16.2 kg	111.220.600

PRODUCT TESTING



922HD CUSHION LOK HD™ SOLID GRIP STEP®

- The reinforced construction of the platforms withstands the heaviest loads.
- Custom-made as standard, in any shape and size.
- Non-slip surface, for very slippery areas.
- Thickness: 22.2 mm
- Weight: 17 kg / m²

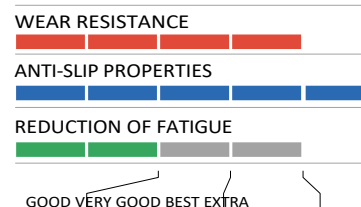


Available versions



922HD Cushion Lok™ Heavy Duty Solid Grip Step®		
Dimensions	Weight	Product code
76 cm x 152 cm	19.6 kg	111.220.651
107 cm x 183 cm	33.3 kg	111.220.652
m ²	17 kg	111.220.650

PRODUCT TESTING



549 SAFETY STANCE™

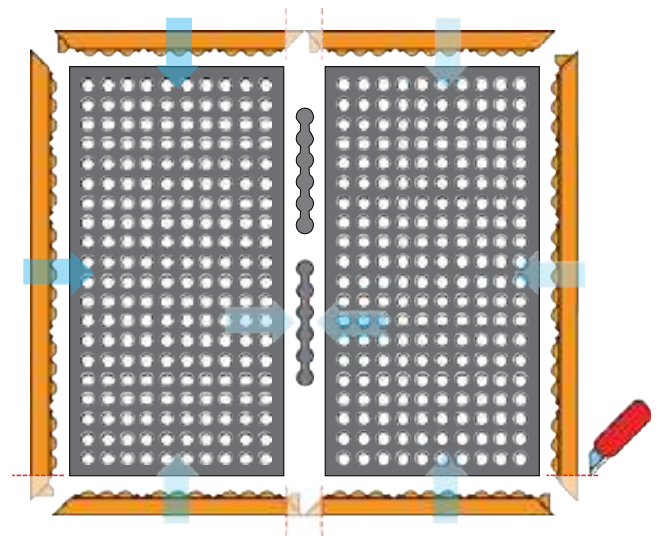
- High-quality rubber anti-fatigue platforms for areas where oil spills are common.
- The drainage holes perfectly drain spills and dirt, while rubber tabs on the mat surface increase grip.
- The worker stands on a clean and dry surface.
- Made of 100% nitrile rubber, suitable for industrial oils and aggressive chemicals.
- Recommended for establishments working in shifts.
- Non-slip surface.
- To prolong the life of the cleaning mat, detergents and pressure washers are recommended.
- Ergonomic benefits thanks to 22mm thickness.
- Standard mats do not require assembly.
- They are simply laid on the floor.
- They have highly visible orange overrun slats on three sides.
- The mats do not move.
- They do not contain silicone and can be used in automotive paint shops.
- 100% nitrile rubber
- Resistant to industrial oils and aggressive chemicals.
- Fire resistance: Cfl-S2 to DIN EN ISO 13501 and Class 1 to NFPA Safety code 101 and IBC 804.2 . ASTM test method E648-03.
- Three-sided orange overrun slats available to comply with OSHA Code 1910-144 recommendations.
- Thickness: 22 mm.
- Weight: 13 Kg / m²
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.

RECOMMENDED USES:

- Intensive use
- Wet and oily environments

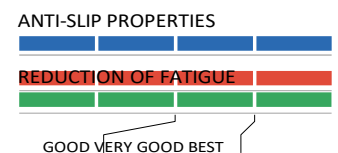
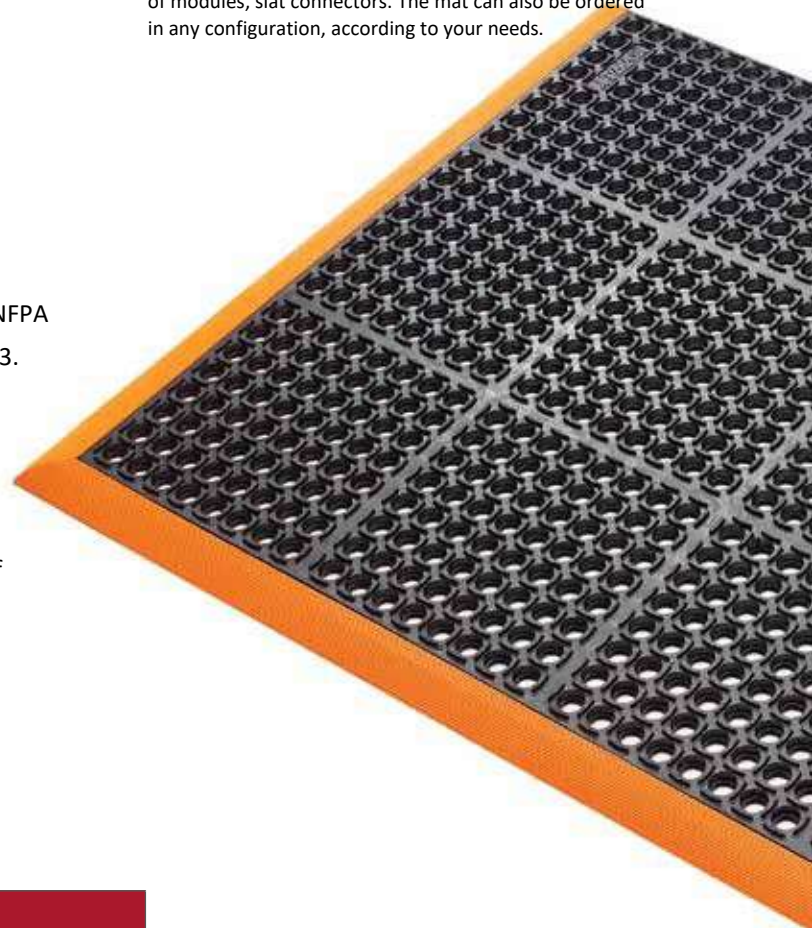
Available versions

549 Safety Stance™ Nitrile		
Dimensions	Weight	Product code
Mat with 3 edges 66 cm x 102 cm	8.8 kg	111.220.100
Mat with 3 edges 97 cm x 163 cm	21 kg	111.220.101
Mat with 3 edging 97 cm x 315 cm	37.2 kg	111.220.102
Mat with 3 edges 91 cm x 152 cm	15.7 kg	111.220.103
m ²	13.8 kg	111.220.104
Men's edging 152 cm (orange)	1.3 kg	111.205.911
Male edging 91 cm (orange)	0.7 kg	111.205.903
Connector 30 cm	0.3 kg	111.220.105



549 Safety Stance™ Custom

Any dimensions on request. Price calculated on the basis of the number of modules, slat connectors. The mat can also be ordered in any configuration, according to your needs.



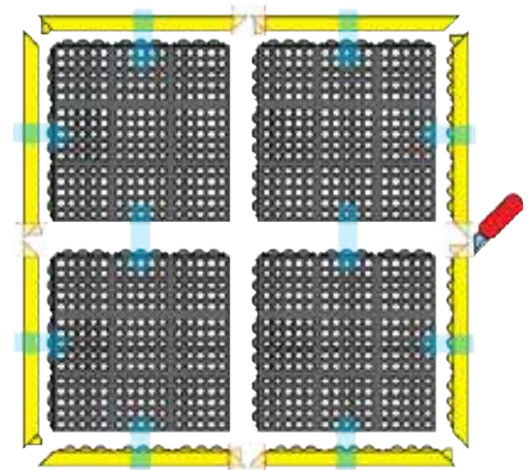


Cushion Ease™ series

- Rubber mats with holes perfectly drain liquids and ventilate the floor.
- They make it easier to keep a dry, clean work area.
- The individual 91 cm x 91 cm modules can be combined with the appropriate connectors.
- This allows individual modules to be easily mounted on any surface.
- Fits the patented MD Ramp System™ inrunner strip system.
- Extraordinary fatigue-reducing capacity due to the unique mat design and the use of high-quality rubber compounds.
- Designed for long-term use.
- They do not contain silicone and can be used in automotive paint shops.
- High-quality rubber compounds
- Thickness: 19mm
- Weight: 10.8 Kg / m²
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.

RECOMMENDED USES:

- Intensive use - wet and oily environment



DRY, WET,

OILY AREAS INTENSIVE
USE -
MODULAR MATS

550 CUSHION EASE™

- Blend of 100% natural rubber
- General-purpose rubber material



PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES REDUCTION



OF FATIGUE



GOOD VERY GOOD BEST

Available versions

550 Cushion Ease™		
Dimensions	Weight	Product code
91 cm x 91 cm	10.8 kg	111.540.100
m ²	11.6 kg	111.540.101

650S CUSHION EASE™ NITRILE

- Blend of 100% nitrile rubber
- Resistant to most industrial oils



PRODUCT TESTING

WEAR RESISTANCE ANTI-SLIP



PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST

Available versions

650S Cushion Ease™ Nitrile		
Dimensions	Weight	Product code
91 cm x 91 cm	10.8 kg	111.210.700
m ²	11.6 kg	111.210.701



DRY, WET,

OILY AREAS INTENSIVE
USE -
MODULAR MATS

650SFR CUSHION EASE™ NITRILE FR

- Blend of 100% nitrile rubber
- Fire resistance: Bfl-S1 to EN 13501-1
- Resistant to most industrial oils, can be used in welding work areas



PRODUCT TESTING

WEAR RESISTANCE ANTI-SLIP

PROPERTIES

REDUCTION OF FATIGUE

GOOD VERY GOOD BEST

Available versions

650SFR Cushion Ease™ Nitrile FR		
Dimensio	Weigh	Product code
91 cm x 91 cm	10.8 kg	111.210.200
m2	11.6 kg	111.210.201

850SFR CUSHION EASE™ NITRILE GSII® FR

- Blend of 100% nitrile rubber
- Grip Step® friction surface for areas at increased risk of tripping
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites



PRODUCT TESTING

WEAR RESISTANCE ANTI-SLIP

PROPERTIES

REDUCTION OF FATIGUE

GOOD VERY GOOD BEST EXTRA

Available versions

850SFR Cushion Ease™ Nitrile GSII FR		
Dimensio	Weigh	Product code
91 cm x 91 cm	11.2 kg	111.210.600
m2	11.9 kg	111.210.601



Sanitop™ series

- The drainage holes and raised tabs facilitate ventilation and allow dirt to run off, leaving the mat surface dry and clean.
- The available overrun slats minimise the risk of tripping on the edges.
- Washing with a high-pressure cleaner is recommended to prolong the life of the mat.
- Non-slip surface resistant to aggressive chemicals.
- The mat is made of durable material to ensure many years of use.
- The mat does not move.
- Blend of 100% natural rubber
- General-purpose rubber material
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.
- Flammability: CPSC FF 1-70: Pass ASTM D2859.

RECOMMENDED USES:

- Wet and dry industrial environment - intensive use



563 SANITOP DELUXE™

- Thick rubber matting - more comfort, more safety.
- Ergonomic benefits thanks to 20 mm thickness.
- The large holes drain well and the tabs ventilate the mat.
- Overrun slats minimise the risk of slips.
- The straight edges of the mat allow the mats to be joined across or along the length with connectors.
- Blend of 100% natural rubber
- General-purpose rubber material
- Thickness: 20 mm
- Weight: 12.3 kg / m²

RECOMMENDED USES:

- Wet and dry industrial environment - intensive use

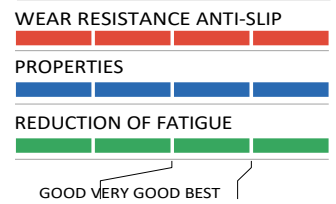


Available versions

563 Sanitop Deluxe™(black)		
Dimensio	Weigh	Product code
91 cm x 152 cm	17 kg	111.560.100
Connectors 10 pcs0	.3 kg	111.560.103
Edging x mb (yellow)	1.2 kg	111.560.106
Edging 91 cm (yellow)	0.7 kg	111.560.107
Edging 152 cm (yellow)	1.1 kg	111.560.108



PRODUCT TESTING



562 SANITOP™

- It provides basic comfort and has anti-slip properties.
- Large drainage holes carry away dirt and spills leaving a dry and clean surface.
- Sloping ramps on 4 sides prevent tripping and allow wheelchair access.
- Blend of 100% natural rubber
- General-purpose rubber material
- Thickness: 12.7 mm
- Weight: 8 kg / m²

RECOMMENDED USES:

- Average intensity of use

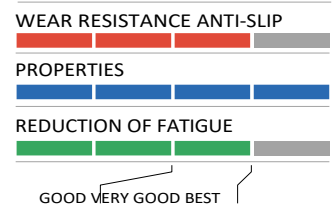


Available versions

562 Sanitop™(black)		
Dimensio	Weigh	Product code
91 cm x 152 cm	11 kg	111.570.100
91 cm x 297 cm	22 kg	111.570.101
91 cm x 594	cm44 kg	111.570.102



PRODUCT TESTING



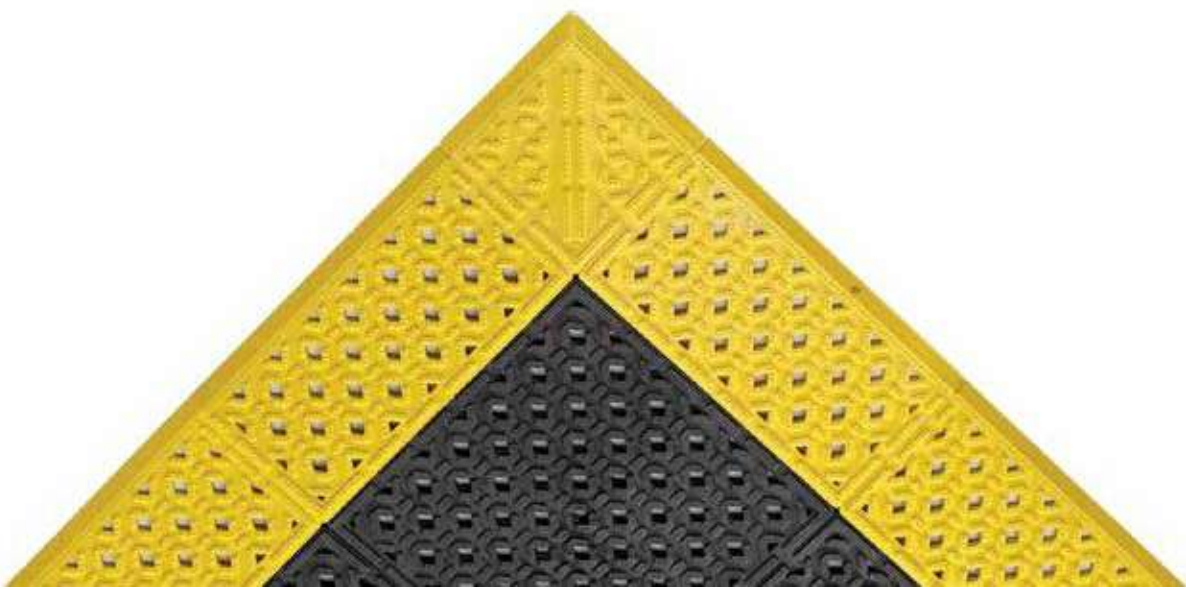


PVC platforms

- Durable PVC platforms both protect the floors and have anti-fatigue properties.
- The non-slip surface ensures safety.
- Overrun slats eliminate the risk of tripping and make it easier to get on and off the mat.
- Made from a durable PVC compound.
- Resistant to synthetic/hydraulic oils.
- Fire resistance: Cfl-S2 to DIN EN ISO 13501 and Class 1 according to NFPA Safety code 101 and IBC 804.2. ASTM test method E648-03.
- Yellow overrun slats compliant with OSHA Code 1910-144.
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.

RECOMMENDED USES:

- Dry, wet / oily industrial environment - intensive use

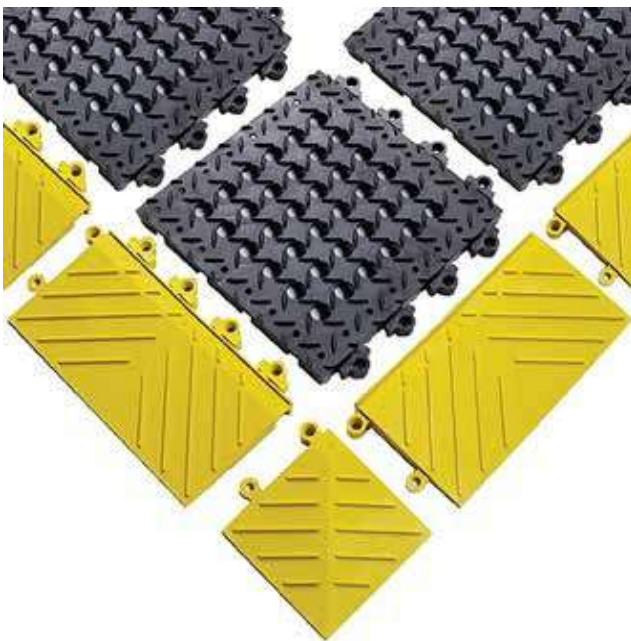


DRY, WET

OILY
AREAS/STRONG
PVC MODULAR
MATS

620 DIAMOND FLEX LOK™

- Extraordinary fatigue reduction thanks to the unique flexible liner substructure.
- Offered pre-assembled or as separate modules for on-site installation. - Durable fixing system ensures that the carpet will not come apart at the joints.
- No gluing required.
- Easy to install.
- It has drainage holes that carry away dirt and spillages leaving the surface dry and clean.
- Anti-slip surface in corrugated sheet steel design, slip resistance: R10 to DIN51130 and BG- rule BGR181
- 22 mm diameter drainage holes
- Thickness: 25 mm
- Weight: 9.7 kg / m²



Available versions

620 Diamond Flex Lok™		
Dimensions	Weight	Product code
Mat with 3 edges 76 cm x 152 cm	10.8 kg	111.220.300
Mat with 3 edges 107 cm x 152 cm	16 kg	111.220.301
Mat with 3 edges 107 cm x 183 cm	20 kg	111.220.302
Module 30.48 cm x 30.48 cm	0.9 kg	111.220.303
Male edging 15.24 cm x 30.48 cm	0.4 kg	111.220.304
Female border 15.24 cm x 30.48 cm	0.4 kg	111.220.305
Corner 15.24 cm x 15.24 cm	0.2 kg	111.220.306
m ²	9.7 kg	111.220.307

PRODUCT TESTING

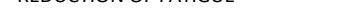
WEAR RESISTANCE



ANTI-SLIP PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST

DRY, WET

OILY
AREAS/STRONG
PVC MODULAR
MATS

520HD CUSHION LOK HD™

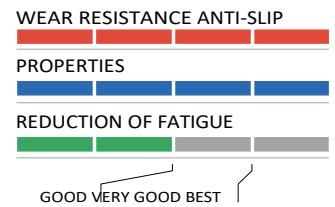
- The reinforced construction of the platforms withstands the heaviest loads.
- Custom-made as standard, in any shape and size.
- Non-slip surface.
- It has drainage holes that carry away dirt and spillages leaving the surface dry and clean.
- Thickness: 22.2 mm
- Weight: 16.2 kg / m²
- Anti-slip,



Available versions

520HDCushion Lok™ Heavy Duty		
Dimensions	Weight	Product code
76 cm x 152 cm	18.7 kg	111.220.501
107 cm x 183 cm	31.7 kg	111.999.200
m ²	16.2 kg	111.220.500

PRODUCT TESTING



522HD CUSHION LOK HD™ GRIP STEP®

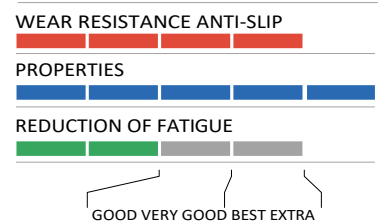
- The reinforced construction of the platforms withstands the heaviest loads.
- Custom-made as standard, in any shape and size.
- Yellow overrun strips and corners.
- Non-slip surface, for very slippery areas with Grip Step® anti-slip alumina coating.
- It has drainage holes that carry away dirt and spillages leaving the surface dry and clean.
- Thickness: 22.2 mm
- Weight: 17 kg / m²



Available versions

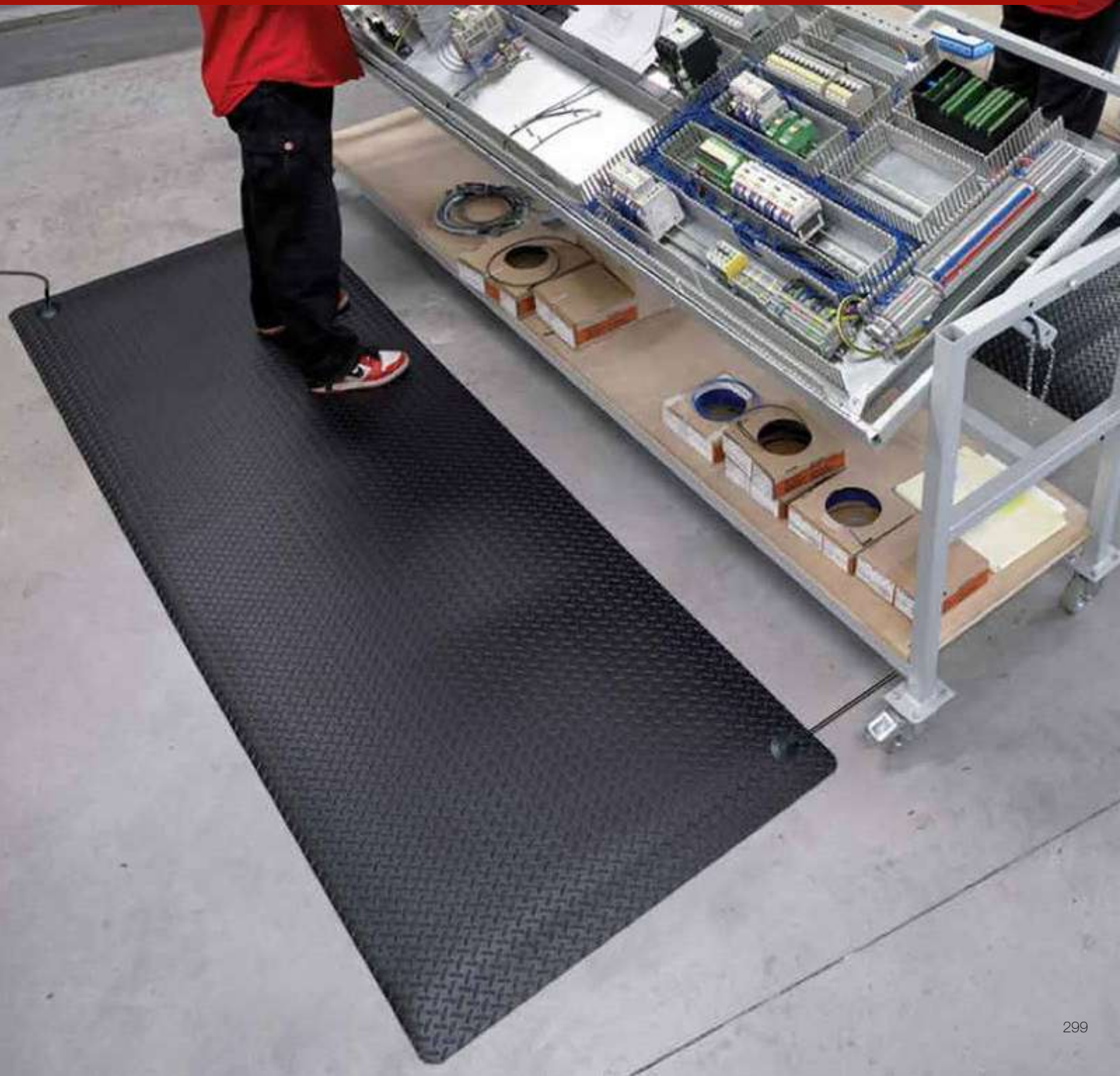
522HD Cushion Lok™ Heavy Duty with Grip Step®		
Dimensions	Weight	Product code
76 cm x 152 cm	19.6 kg	111.220.551
107 cm x 183 cm	31.7 kg	111.220.552
m ²	17 kg	111.220.550

PRODUCT TESTING



Anti-static mats from a roll

- Available in linear metres, the static dissipation mats have the right ergonomic properties thanks to a thickness of 9.4 to 14 mm.
- Ergonomic properties are provided by the flexible vinyl foam construction.
- Finishing with a slope on all sides minimises the risk of tripping.
- Complies with IEC61340-4-1 (DIF category), measured resistance R_g 106 - 109 Ω , R_p 106 - 109 Ω .
- Electrostatic charge (walking test), meets ISO6356 and EN1815 standards.
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.
- Slip resistance R10 to DIN51130 and BG-rule BGR181.



DRY AREAS

ESD ANTI-STATIC FLOOR MATS

826 DIAMOND STAT™

- The electrostatic-dissipative top surface with resilient vinyl foam gives a feeling of exceptional comfort and is resistant to intensive use.
- The fluted plate pattern provides a good grip while allowing easy rotation on the mat.
- Fitted with a 10mm socket and earth cable.
- It uses RedStop™, an adhesive coating that prevents the mats from sliding on the floor.
- On all four sides the mat is finished with a slope minimising the risk of tripping.
- The Uni-Fusion™ lamination technology makes it impossible for the top layer of the mat to separate from the bottom layer.
- Thick, 4.7 mm electrically dissipative PVC flooring permanently bonded to 9.3 mm thick resilient vinyl foam
- Overall thickness: 14 mm
- Weight: 6.5 kg / m²
- Fire resistance: Cfl-S1 to EN 13501

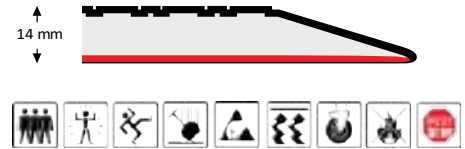


RECOMMENDED USES:

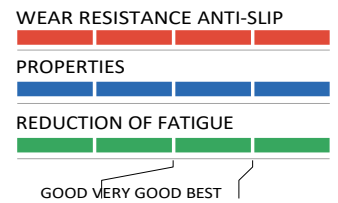
- Intensive use - dry industrial environment

Available versions

826 Diamond Stat™		
Dimensions	Weight	Product code
60 cm x 91 cm	3.5 kg	111.300.100
91 cm x 150 cm	9 kg	111.300.101
91 cm x 200 cm	12 kg	111.300.105
91 cm x 300 cm	18 kg	111.300.102
91 cm x 22.8 m	135 kg	111.300.103
91 cm x mb	5.9 kg	111.300.104



PRODUCT TESTING



825 CUSHION STAT™

- Vinyl sponge flooring dissipates static electricity, reduces fatigue and reduces the build-up of static electricity.
- The pebbled surface provides a good grip and is easy to clean.
- Optional 10 mm socket and earthing cable available.
- Charge-dissipating vinyl foam
- Thickness: 9.4 mm
- Weight: 3 kg / m²

RECOMMENDED USES:

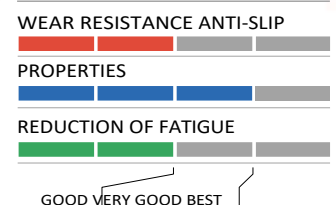
- Light use - dry environment

Available versions

825 Cushion Stat™				
Dimensions	Weight	Colour grey	Black colour	black-yellow
91 cm x 150 cm	4.1 kg	-	-	111.300.430
91 cm x 18.3 m	50 kg	111.300.401	111.300.411	111.300.431
91 cm x mb	2.7 kg	111.300.402	111.300.412	111.300.432



PRODUCT TESTING



ESD protective modular mats

- Modular rubber panels measuring 91 cm x 91 cm, with the appropriate joints, allow the modules to be easily installed on any surface.
- Ergonomic properties are provided by a suitable thickness of 13 mm to 19 mm and a suitable elastic rubber compound.
- The unique design and careful craftsmanship makes the mats easy to install.
- The mats are easy to lay in one piece, but they are also easy to cut, which in turn makes them versatile and suitable for even the most unusual places and configurations.
- The mats can be fitted with overlapping strips and cut to take into account internal and external angles.
- Slip resistance R9 to DIN 51130.
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.
- Complies with IEC61340-4-1 (DIF category), measured resistance R_g 106 - 109 Ω , R_p 106 - 109 Ω .

RECOMMENDED USES:

- Intensive use - dry environment (assembly lines, workstations, machines and machine tools)



DRY ENVIRONMENT / INTENSIVE USE

/ ESD SCATTER MATS / MODULAR MATS

558 CUSHION EASE™ ESD

- Blend of 100% natural rubber with dispersion properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$
- Thickness: 19 mm
- Weight: 12.7 kg / m²



PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES REDUCTION OF



FATIGUE



GOOD VERY GOOD BEST



Available versions

558 Cushion Ease Solid™ ESD		
Dimensions	Weight	Product code
91 cm x 91 cm	12.7 kg	111.210.500

661S CUSHION EASE™ ESD NITRILE FR

- Blend of 100% nitrile rubber with dispersion properties
- Compliant with IEC61340-4-1 (DIF category), measured resistance
- $R_g^{10^6} - 10^9 \Omega$, $R_p^{10^6} - 10^9 \Omega$
- Fire classification Bfl-S1 to EN 13501-1
- Resistant to most industrial oils and suitable for welding work sites
- Thickness: 19 mm
- Weight: 12.7 kg / m²



PRODUCT TESTING

WEAR RESISTANCE



ANTI-SLIP PROPERTIES



REDUCTION OF FATIGUE



GOOD VERY GOOD BEST



Available versions

661S Cushion Ease Solid™ ESD Nitrile FR		
Dimensions	Weight	Product code
91 cm x 91 cm	12.7 kg	111.300.200
m ²	13.6 kg	111.300.201

457 SKYSTEP™ ESD

- With a thickness of 13mm and a bubble surface, the mats are very comfortable to use and have anti-slip properties.
- Made from high quality rubber compounds.
- Slip resistance: R9 to DIN 51130 and BG-rule BGR181
- Natural rubber blend to dissipate electrical charges
- Thickness: 13 mm
- Weight: 10 kg / m²

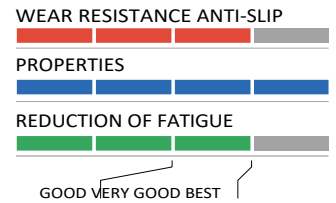


Available versions

558 Cushion Ease Solid™ ESD		
Dimensions	Weight	Product code
91 cm x 91 cm	12.7 kg	111.210.500
60 cm x 90 cm	5.5 kg	111.140.520
90 cm x 120 cm	11.8 kg	111.140.521
90 cm x 150 cm	16 kg	111.140.522



PRODUCT TESTING



452 SKYWALKER® PUR ESD

- The ergonomic bubble surface is comfortable for the feet and non-slip.
- The high-quality polyurethane foam has very good anti-fatigue properties and is very durable.
- A unique mat for use in standing work areas.
- Slip resistance: R11 to DIN 51130 and BG-rule BGR181
- Environmentally friendly - CFC-free
- Electrically dissipative polyurethane foam
- Thickness: 14 mm
- Weight: 4.8 kg / m²

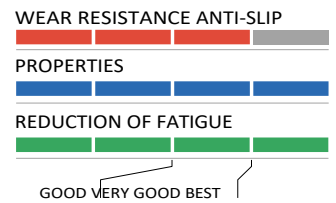


Available versions

452 Skywalker® PUR ESD		
Dimensions	Weight	Product code
65 cm x 95 cm	3 kg	111.170.100
65 cm x 140 cm	4.2 kg	111.170.101
65 cm x 185 cm	5.8 kg	111.170.102
95 cm x 125 cm	5.7 kg	111.170.103
95 cm x 155 cm	7.3 kg	111.170.104
95 cm x 185 cm	8.4 kg	111.170.105



PRODUCT TESTING



453 SKYWALKER® II PUR ESD

- The pebbled surface texture provides good grip and facilitates freedom of movement on the mat.
- The high-quality polyurethane foam has very good anti-fatigue properties and is very durable.
- A unique mat for use in standing work areas.
- Slip resistance: R11 to DIN 51130 and BG-rule BGR181
- Environmentally friendly - CFC-free
- Electrically dissipative polyurethane foam
- Thickness: 14 mm
- Weight: 4.8 kg / m²

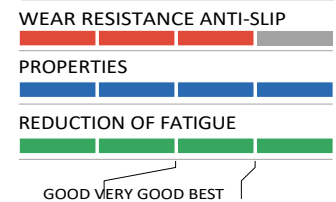


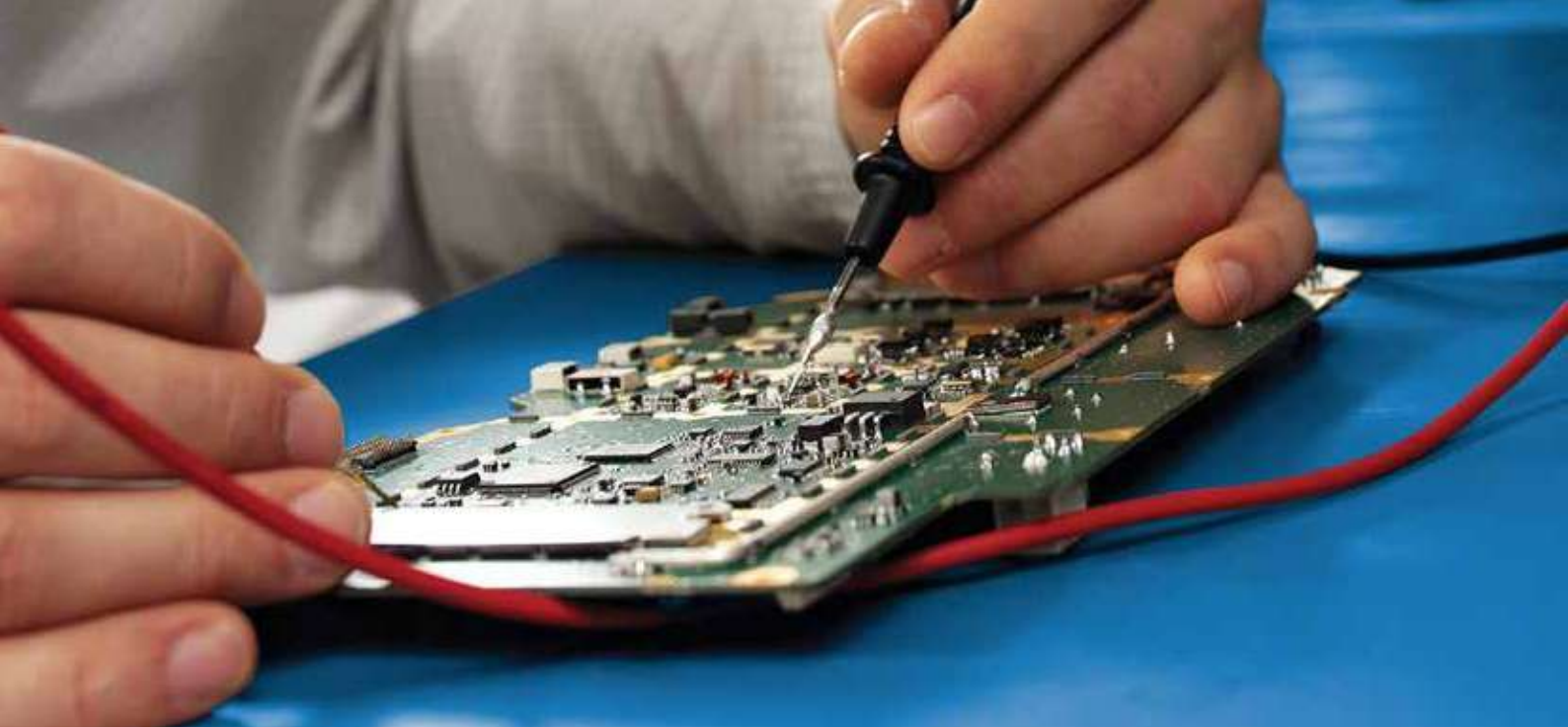
Available versions

453 Skywalker® II PUR ESD		
Dimensions	Weight	Product code
65 cm x 90 cm	2.7 kg	111.175.100
65 cm x 135 cm	3.9 kg	111.175.101
65 cm x 175 cm	5.3 kg	111.175.102
90 cm x 125 cm	5.2 kg	111.175.103
90 cm x 155 cm	6.7 kg	111.175.104
90 cm x 185 cm	7.7 kg	111.175.105



PRODUCT TESTING





ESD protection from A to Z

- Specialised ESD accessories provide protection against static electricity for both workers and sensitive electrical equipment.
- Accessories are used to connect worktops, workers and conductive components to the earthing point.

RECOMMENDED USES:

- To protect workers and components from static electricity.

827 ANTI-STAT POP™

- A vinyl work surface that dissipates static electricity from conductive objects placed on it.
- It protects the table top and prevents sensitive components from being damaged by static electricity.
- Smooth surface resistant to abrasion and easy to clean with a cleaning agent.
- Optional 10 mm socket available to connect the liner to the recommended common earth wire.



827 Anti-Stat P.O.P.™		
Dimensions	Weight	Product code
60 cm x 12.2 m	28 kg	111.300.505
76 cm x 12.2 m	36 kg	111.300.500
91 cm x 12.2 m	42 kg	111.300.501
60 cm x mb	2.0 kg	111.300.504
76 cm x mb	2.9 kg	111.300.502
91 cm x mb	3.4 kg	111.300.503

DRY AREAS



Earthing conductor mesh 111.300.901



Grounding wire socket 111.300.900



Grounding wire eyelet 111.300.902



Grounding wire socket 111.300.903

CABLE FOR GROUNDING THE LINER

- 4.5m cable with plug, designed to connect the liner to earth.
- Easy to install; simply connect the plug to the carpet AND the connector to earth
- The low-profile plug protects against accidental disconnection of the earthing from the carpet.
- 1 MΩ resistor between the liner and the ground
- Available with eyelet connector or 10 mm socket for grounding plug
- Meets the requirements of ANSI/ESD S-20.20 and EIA625 and ANSI/ESD S6.1

COMMON EARTH WIRE FOR THE LINER

- A 4.5m cable is used to connect one or two wrist straps and a carpet to earth.
- Ensures potential equalization between all objects
- Easy to install; simply plug into the carpet, connect the spiral cord of the wrist strap and connect the switch to earth.
- 1 MΩ resistor between the liner and the ground
- Available with eyelet connector or 10 mm socket for grounding plug
- Meets the requirements of ANSI/ESD S-20.20 and EIA625 and ANSI/ESD S6.1



GROUNDING PLUG 111.300.905



GROUNDING OF FOOTWEAR 111.300.907



SPIRAL CABLE 111.300.904



WRISTBAND 111.300.908

- Used to connect the earthing cable to the earthing connector
- Resistor 1 MΩ, pins 3 x 10 mm male studs, allow the connection of several wires to one plug
- Available in continental and UK versions

- Connection element of a person walking or standing to earth by using a conductive rubber foot to provide the necessary electrical contact between the person and floor covering.

- A 1.8m cable is used to connect the wrist strap to a common ground point on the table liner
- 1 MΩ resistor, 10 mm socket for wrist strap and banana plug
- Meets EOS/ESD S1, MIL-STD-1686, and EIA 625 standards

- Wrist strap connects worker's skin to ground and is an essential element in the prevention of electrostatic charges in humans. When worn correctly and connected to earth, all electrostatic charges are safely discharged to earth
- Meets standard requirements EOS/ESD S1, MIL-STD-1686, and EIA 625



CARPET CLEANER 111.300.909

- Antistatic table mat cleaner and floors. Contains no abrasive substances and does not leave a coating on the mat surface. Provides antistatic properties. Effectively removes flux residues, oil, fingerprints and dirt. Available in a spray bottle. Capacity 950 ml.

Electrical insulating linings

- Electrically insulating lining protects the worker from electric shock.
- The mats are used in dry environments in front of high-voltage switchgear, in front of transformers, at generators, switches, etc.
- The surface of the mat - grooved is non-slip and easy to sweep.



830 SWITCHBOARD MATTING™

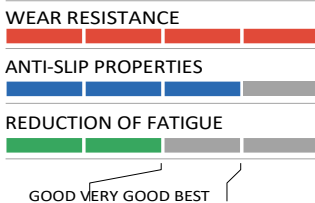
- The non-conductive mat is an insulator.
- Made of a PVC compound, it provides additional protection against electric shock.
- The underside of the mat has a fabric imprint, the top surface - fluted.
- It should be replaced every 12 months.
- PVC
- Thickness: 6.4 mm.
- Weight: 8.4 kg / m².
- Free of DOP, DMF and ozone-depleting substances, free of silicone and heavy metals.
- Each section of mat is tested to ANSI/ ASTM D-178 standard.
- Class 2 - Dielectric strength: 30,000 V.
- Test voltage: 20.000 V.
- Recommended maximum operating voltage: 17.000.
- Hardness: 80 Shore A.
- Tensile strength (ASTM D412): 961 Min.
- Elongation at fracture: (ASTM D412): 278%.



RECOMMENDED USE:

- Withstands heavy loads - dry industrial environment as additional protection against electric shock.
- Generators, motors, around transformer stations, distribution stations.

PRODUCT TESTING



Available versions

830 Switchboard Matting™ Class 2		
Dimensions	Weight	Product code
91 cm x 150 cm	11.6 kg	111.420.100
91 cm x 22.8 m	160 kg	111.420.101
91 cm x mb	7.6 kg	111.420.102

OTHER APPLICATIONS

750 RIB 'N' ROLL™ 3 MM FINE GRAIN

- SBR rubber
- Surface: fine grain profile
- Hardness (ISO7619, DIN53505): 60 Shore A
- Gravity: (DIN53519): black 1.5 g/m³
- Tensile strength (DIN53504): 3.5 MPa
- Cracking at elongation: (DIN53504): 250%
- Abrasion resistance (ISO4649, DIN53516): 300-500 mm³
- Temperature resistance, black -30°C, +70°C, grey -20°C, +70°C.
- Dimensions: black 100 cm x 10 m, 120 cm x 10 m
- Dimensions: grey 100 cm x 10 m
- Also available in running metres



Available versions

750 Rib 'n' Roll™ fine rib		
Dimensions	Weight	Product code
100 cm x 10 m x 3 mm (black)	33 kg	111.400.100
100 cm x mb x 3 mm (black)	3.3 kg	111.400.110
120 cm x 10 m x 3 mm (black)	37 kg	111.400.101
120 cm x mb x 3 mm (black)	3.7 kg	111.400.111
100 cm x 10 m x 3 mm (grey)	42 kg	111.400.102
100 cm x mb x 3 mm (grey)	4.2 kg	111.400.118
100 cm x mb x 3 mm (black)	3.3 kg	111.400.113

751 RIB 'N' ROLL™ 6 MM FINE GRAIN

- Surface: fine grain profile
- Dimensions: black 100 cm x 10 m
- Also available in running metres



Available versions

751 Rib 'n' Roll™ fine rib		
Dimensions	Weight	Product code
100 cm x 10 m x 6 mm (black)	75 kg	111.400.104
100 cm x mb x 6 mm (black)	7.5 kg	111.400.114

750RS RIB 'N' ROLL™ RS 3 MM FINE GRAIN

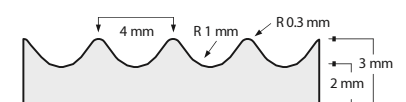
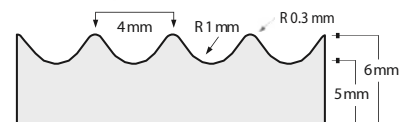
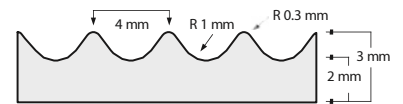
- NBR/SBR rubber, grease resistant
- Surface: fine grain profile
- Hardness (ISO7619, DIN53505): 60 Shore A
- Gravity: (DIN53519): black 1.5 g/m³
- Tensile strength (DIN53504): 3.5 MPa
- Cracking at elongation: (DIN53504): 250%
- Abrasion resistance (ISO4649, DIN53516): 300-500 mm³
- Temperature resistance, black -10°C, +70°C.
- Dimensions: black 100 cm x 10
- Also available in running metres



Available versions

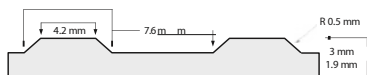
750RS Rib 'n' Roll™ RS		
Dimensio	Weigh	Product code
100 cm x 10 m x 3 mm (black)	33 kg	111.400.103

GROOVED PAVEMENTS



752 RIB 'N' ROLL™ 3 MM WIDE-GROOVE

- Surface: Wide-groove profile
- Dimensions: black 100 cm x 10 m, 120 cm x 10 m
- Also available in running metres



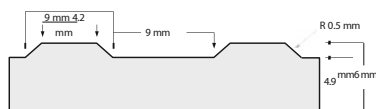
Available versions



752 Rib 'n' Roll™ broad rib		
Dimensions	Weight	Product code
100 cm x 10 m x 3 mm (black)	34 kg	111.400.200
100 cm x mb x 3 mm (black)	3.4 kg	111.400.115
120 cm x 10 m x 3 mm (black)	45.6 kg	111.400.201
120 cm x mb x 3 mm (black)	4.6 kg	111.400.116

753 RIB 'N' ROLL™ 6 MM WIDE-GROOVE

- Surface: Wide-groove profile
- Dimensions: black 120 cm x 10 m
- Also available in running metres



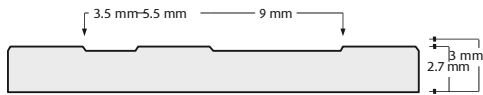
Available versions



753 Rib 'n' Roll™ broad rib		
Dimensions	Weight	Product code
120 cm x 10 m x 6 mm (black)	86 kg	111.400.202
120 cm x mb x 6 mm (black)	8.6 kg	111.400.117

746 CHECK 'N' ROLL™ 3 MM

- Ideal coverings for factories and warehouses or other industrial applications for floor and material protection.
- Resistant to diluted acids and alkalis.
- NR-SBR rubber
- Surface: industrial profile
- Hardness (ISO7619, DIN53505): 70 Shore A
- Density: (DIN53519): black 1.45 g/m³, grey 1.60 g/m³
- Tensile strength (ISO 34-1): black 4 N/mm², grey 5 N/mm²
- Elongation cracking: black: 200% , grey 350%
- Abrasion resistance (ISO4649, DIN53516): 300-500 mm³
- Dimensional stability (EN 434) : 0.15%
- Temperature resistance, black -30°C, +70°C, grey -20°C, +70°C.
- Noise attenuation: 20 dB

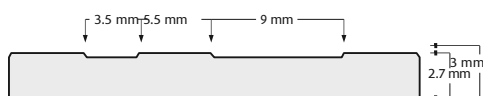


Available versions

746Check 'n' Roll™ 3 mm		
Dimensions	Weight	Product code
140 cm x 10 m x 3 mm (black)	51.6 kg	111.400.300
140 cm x mb x 3 mm (black)	51.6 kg	111.400.302
140 cm x 10 m x 3 mm (grey)	67.8 kg	111.400.301
140 cm x mb x 3 mm (grey)	67.8 kg	111.400.303

746GR CHECK'N'ROLL™ 3 MM NITRILE

- NBR rubber (nitrile)
- Surface: industrial profile
- Oil-resistant
- Hardness (ISO7619, DIN53505): 65 Shore A
- Density 1.43 g/m³
- Tensile strength: (ISO 34-1): 7 N/mm²
- Cracking at elongation: 250%
- Abrasion resistance (ISO4649, DIN53516): 300-500 mm³
- Dimensional stability (EN 434) : 0.15%
- Temperature resistance, -10°C to +70°C,
- Noise attenuation: 20 dB
- Noise attenuation: 20 dB



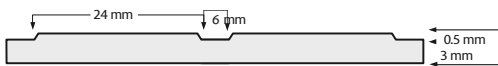
Available versions

746GR Check 'n' Roll™ 3 mm - Nitrile		
Dimensions	Weight	Product code
140 cm x 10 m x 3 mm (black)	51.6 kg	111.400.400
140 cm x mb x 3 mm (black)	5.2 kg	111.400.401



745 DOTS'N'ROLL™ 3.5 MM

- General-purpose floor covering for industry.
- Designed for use in buildings, passageways, stations, airports, supermarkets, lifts, buses, ships, etc.
- SBR rubber
- Surface: Profile with slightly protruding wheels
- Hardness: (ISO7619) 75 Shore A
- Tensile strength (ISO 34-1): 20 N/mm²
- Cracking at elongation: 250%
- Abrasion resistance (ISO4649): 250 mm³
- Dimensional stability (EN 434) : 0.4%
- Temperature resistance: -20°C to +70°C
- Noise attenuation: 20 dB



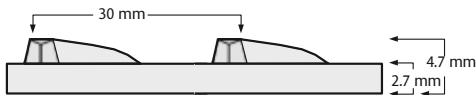
Available versions



745 Dots 'n' Roll™ 3.5 mm		
Dimensions	Weight	Product code
100 cm x 10 m x 3.5 mm (black)	51.8 kg	111.400.500
100 cm x 10 m x 3.5 mm (grey)	51.8 kg	111.400.501

737 DIAMOND PLATE RUNNER™ 4.7 MM

- Durable industrial floor covering with a "corrugated sheet" anti-slip surface.
- Material: PVC
- Surface: corrugated sheet metal
- Hardness: (ISO7619) 83 Shore A
- Tensile strength: (ASTMD-1004): 35 N/mm²
- Cracking at elongation: 225%
- Abrasion resistance: maximum loss of 0.09 grams
- Fire resistance: Bfl-S1 to EN 13501-1



Available versions



737Diamond Plate Runner™ 4.7 mm		
Dimensions	Weight	Product code
91 cm x 22.8 m x 4.7 mm (black)	90.7 kg	111.400.600
91 cm x x mb x 4.7 mm (black)	4 kg	111.400.606
122 cm x 22.8 m x 4.7 mm (black)	121.1 kg	111.400.601
122 cm x x mb x 4.7 mm (black)	5.3 kg	111.400.607
91 cm x 22.8 m x 4.7 mm (black/yellow)	90.7 kg	111.400.602
91 cm x x mb x 4.7 mm (black/yellow)	4 kg	111.400.608
122 cm x 22.8 m x 4.7 mm (black/yellow)	121.1 kg	111.400.603
122 cm x x mb x 4.7 mm (black/yellow)	5.3 kg	111.400.609
91 cm x 22.8 m x 4.7 mm (grey)	90.7 kg	111.400.604
91 cm x x mb x 4.7 mm (grey)	4 kg	111.400.610
122 cm x 22.8 m x 4.7 mm (grey)	121.1 kg	111.400.605
122 cm x x mb x 4.7 mm (grey)	5.3 kg	111.400.611





DRY, WET AND OILY AREAS

FOOD INDUSTRY AND CATERING

T11 SAN-EZE II®

- Provides excellent comfort and grip in wet, or oily, environments.
- Manufactured with MicroStop™ antimicrobial agents that inhibit the growth of bacteria and fungi to provide a cleaner and healthier working environment.
- Made of durable nitrile rubber.
- Extraordinary non-slip surface.
- The heavy weight of the mat prevents the mat from sliding on the floor.
- The 22mm thickness ensures adequate ergonomic properties.
- Large drainage holes and tabs on the surface of the mat are anti-slip, draining spillages and dirt directly onto the floor leaving a dry and clean surface.
- Accessible overrun strips, corners reduce the risk of tripping.
- Recommended cleaning with detergents and a high-pressure cleaner.
- Nitrile rubber 100%, oil and grease resistant.
- Manufactured with MicroStop™ agents, resistant to grampositive bacteria
- Thickness: 20 mm
- Weight: 10.1 kg / m²
- Certified by the National Sanitation Foundation of the USA.
- Free of DOP, DMF and ozone depleting substances, free of silicone and heavy metals
- Flammability/ignition attestation: CPSC FF 1-70: Pass ASTM D2859

RECOMMENDED USE:

- Wet, oily/oily areas Food industry (meat, fish processing), catering, kitchens



563RD SANITOP DELUXE™ RED

- The mat provides safety and comfort.
- The straight edges make it easy to lay the mats on any surface.
- The individual modules can be connected together using connectors.
- Made from durable rubber compounds for many years of use.
- Non-slip surface resistant to aggressive chemicals.
- The heavy weight of the mat prevents the mat from sliding on the floor.
- Drainage holes and tabs on the surface of the mat facilitate ventilation and allow dirt to run off leaving a dry and clean carpet surface.
- The thickness of the lining - 20mm - ensures adequate ergonomic properties.
- Overrun slats available.
- Cleaning with a pressure washer is recommended.
- Nitrile rubber 75%, oil and grease resistant.
- Thickness: 20 mm
- Weight: 12.3 kg per m²
- Free of DOP, DMF and ozone depleting substances, free of silicone and heavy metals
- Flammability/ignition attestation: CPSC FF 1-70: Pass ASTM D2859

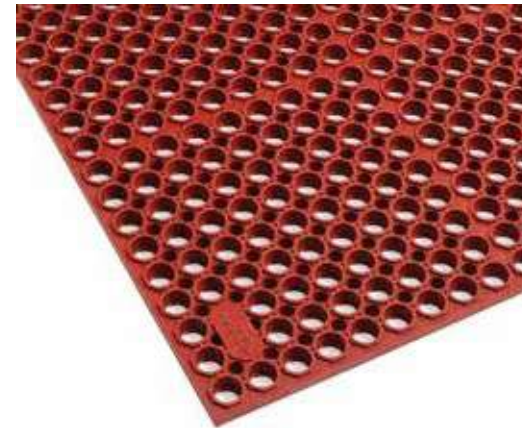
RECOMMENDED USE:

- wet, oily/oily areas food industry (meat, fish processing), catering, kitchens



Available versions

T11San-Eze II®		
Dimensions	Weight	Product code
100 cm x 50 cm	5 kg	111.500.100
100 cm x 75 cm	7.6 kg	111.500.101
100 cm x 100 cm	10.1 kg	111.500.102
100 cm x 150 cm	15.2 kg	111.500.103
Overrun slat 9.5 m	6.3 kg	111.500.104
Overrun slat 150 cm	1.1 kg	111.500.105
Overrun slat 100 cm	0.7 kg	111.500.106
Overrun slat 75 cm	0.5 kg	111.500.107
Connector	0.1 kg	111.500.108



PRODUCT TESTING



Available versions

T11San-Eze II®		
Dimensions	Weight	Product code
91 cm x 152 cm	12.3 kg/m ²	111.560.101

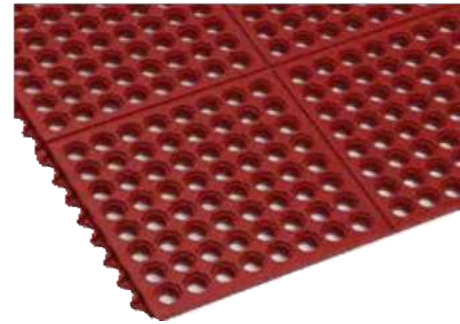
550RD CUSHION EASE™ RED

- The 91 x 91 cm square modules can be easily connected by clipping one mat to another.
- In this way, any area can be covered with mats as required.
- Non-slip surface.
- Nitrile rubber 75%, oil and grease resistant.
- Thickness: 19 mm
- Weight: 10 kg / m²

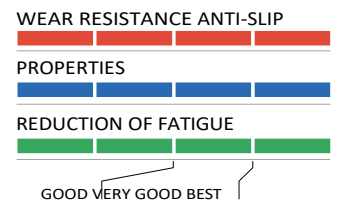
Available versions



550RD Cushion Ease™ Red		
Dimensio	Weigh	Product code
91 cm x 91 cm	10.8 kg	111.530.100
Male edging 91 cm	0.7 kg	111.205.901
Female edging 91 cm	0.7 kg	111.205.905



PRODUCT TESTING



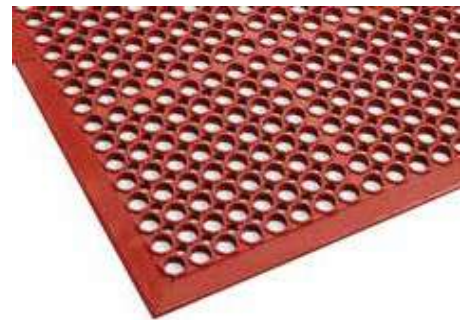
562RD SANITOP™ RED

- Basic comfort and slip resistance in wet and oily environments.
- Drainage holes and tabs on the surface of the mat facilitate ventilation and allow dirt to run off, leaving a dry and clean carpet surface.
- Nitrile rubber 75%, oil and grease resistant.
- Thickness: 12.7 mm
- Weight: 8 kg / m²

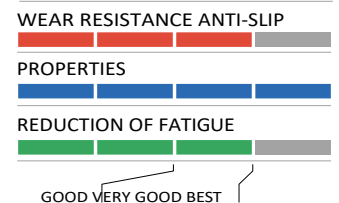
Available versions



562RD Sanitop™ Red		
Dimensions	Weight	Product code
91 cm x 152 cm	11.9 kg	111.570.103



PRODUCT TESTING



458 SKYSTEP™ RED

- Individual stand mats.
- The bubble surface is non-slip and at the same time has very good ergonomic properties.
- The construction of the mat means that the mat 'clings' to the floor underneath, preventing the mat from sliding.
- 75% nitrile rubber, resistant to oils and greases
- Thickness: 13 mm
- Weight: 10 kg / m²

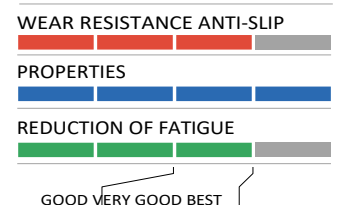
Available versions



458 Skystep™ Red		
Dimensio	Weigh	Product code
60 cm x 90 cm	5.5 kg	111.140.525
90 cm x 120 cm	11.8 kg	111.140.523
90 cm x 150 cm	16 kg	111.140.524



PRODUCT TESTING



NOTRAX® HYGIENE MATS

Notrax® has expanded its range of hygiene mats and now offers products for light, medium and heavy use conditions. The unique design of the mats not only provides instant drainage and slip resistance, but also reduces the growth of microorganisms that cause skin diseases. The open mesh allows water to drain easily and the raised structure provides the aeration necessary for rapid

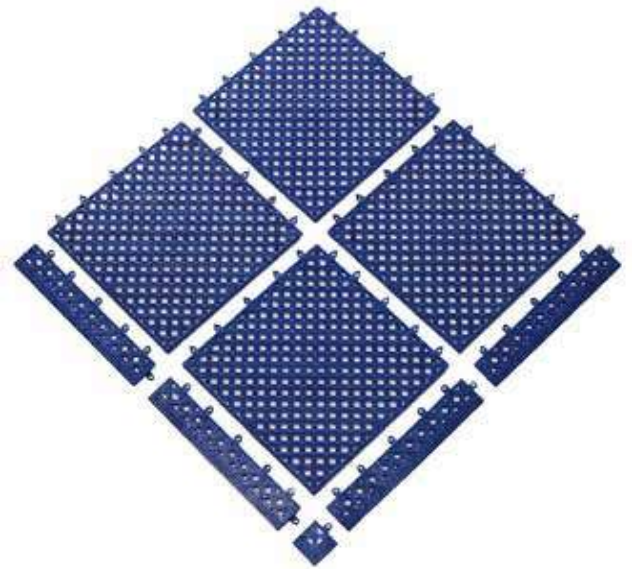
drying and preventing the mats from "floating". The mats are manufactured from PVC or polyethylene, materials that are resistant to the oils from soaps and shampoos and to the chlorine often used in swimming pools and leisure facilities.

Notrax® mats are available in rolls or sheets, easy to lay, join and fit to the shape of walkways, changing rooms, showers, saunas or swimming pools



523 MODULAR LOK TYLE™

- - Modular mats made of PVC with antibacterial additives.
- - UV-resistant
- - Thickness: 14.3 mm
- - Weight: 5.2 kg / m²



Available versions



523 Modular Lok-Tyle™		
Dimensions	Weight	Product code
30.48 cm x 30.48 cm (black)	0.5 kg	111.480.100
30.48 cm x 5.08 cm (black)	0.1 kg	111.480.101
5.08 cm x 5.08 cm (black)	0.1 kg	111.480.102
30.48 cm x 30.48 cm (blue)	0.5 kg	111.480.120
30.48 cm x 5.08 cm (blue)	0.1 kg	111.480.121
5.08 cm x 5.08 cm (blue)	0.1 kg	111.480.122

PRODUCT TESTING



HYGIENE MATS

FOR WET ROOMS

536 AKWADEK™

- UV-resistant, germicide-treated mat in the form of a grating
- Thickness: 12 mm
- Weight: 7.5 kg / m²
- Free of DOP, DMF and ozone depleting substances, free of silicone and heavy metals



PRODUCT TESTING



Available versions

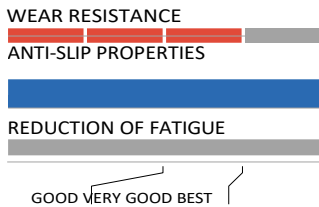
523 Modular Lok-Tyle™			
Dimensio	Weigh	Product code	
30.48 cm x 30.48 cm (black)	0.5 kg	111.480.100	
30.48 cm x 5.08 cm (black)	0.1 kg	111.480.101	
5.08 cm x 5.08 cm (black) - clip	0.1 kg	111.480.102	
30.48 cm x 30.48 cm (blue)	0.5 kg	111.480.120	
30.48 cm x 5.08 cm (blue)	0.1 kg	111.480.121	
5.08 cm x 5.08 cm (blue) clip	0.1 kg	111.480.122	

538 GRIPWALKER LITE™

- A lightweight, UV-resistant mat with antibacterial additives.
- In the shape of a wave
- Thickness: 5.3 mm
- Weight: 3.6 kg / m²
- Free of DOP, DMF and ozone depleting substances, free of silicone and heavy metals



PRODUCT TESTING

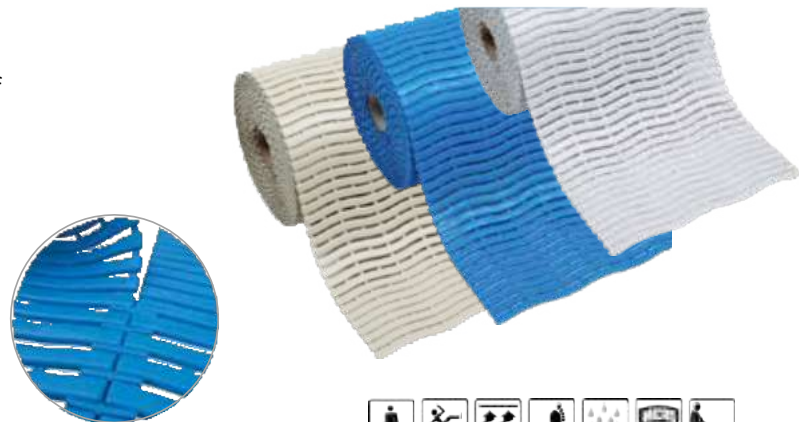


Available versions

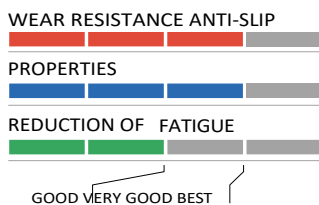
538 Gripwalker Lite™			
Dimensions	Weight	Blue colour	Colour grey
90 cm x 12.2 m	40 kg	111.480.504	111.480.500
90 cm x mb	3.3 kg	111.480.505	111.480.501
120 cm x 12.2 m	53 kg	111.480.506	111.480.502
120 cm x mb	4.4 kg	111.480.507	111.480.503

535 SOFT-STEP™

- A lightweight, UV-resistant mat with germicides, made of polyethylene.
- For light applications.
- Thickness: 9 mm
- Weight: 4.3 kg / m²



PRODUCT TESTING



Available versions

535Soft-Step™				
Dimensio	Weigh	White	Beige colour	Colour
60 cm x 15 m	21 kg	111.480.200	-	111.480.220
60 cm x mb	1.8 kg	111.480.201	111.480.211	111.480.221
Clips (10 pieces)	0.1 kg	111.480.202	-	111.480.222



SAFETY AREAS

TM ROAD MIRROR

PLACE OF APPLICATION:	MATERIAL:	MOUNTING:	GUARANTEE:
for indoor and outdoor use	acrylic	to the wall or on a post	5 years

- Designed for long-term external or internal use.
- Recommended to increase traffic safety on streets, local roads and at sharp bends where the field of vision is limited.
- Successfully used in industrial areas, entry and exit roads as well as at junctions.
- It provides excellent visibility regardless of atmosphere conditions and time of day or night.
- Attached to the frame, in red and white, UV-resistant with additional reinforcement on the back.
- The sealed joint prevents water ingress and thus protects the mirror for a long time.
- Frame covered with RA2 type reflective film.
- Equipped with a highly stable mounting bracket with a four-point ball joint, allowing any positioning of the mirror position, when mounted directly on the wall or on a mounting post (50-85 mm).
- Approved by TUV NORD, wind test up to 12 degrees Beaufort, guarantee of 5 years.
- They meet the requirements of the Ordinance of the Minister of Infrastructure (Journal of Laws of 23 December, No. 220, item 2181) on the levels of
The Commission is responsible for the technical conditions for road signs and signals, traffic safety devices and their placement on the road.



Wind resistance up to a force 12 on the Beaufort scale



TÜV certificate



Rear side of mirror with 4-point ball mount allowing any positioning of mirror



Road traffic mirror TM round

Product code	Description	Weight	Observation distance
151.000.000	Acrylic, round 60 cm, red and white frame	6.6 kg	9 - 15 m
151.000.001	Acrylic, circular 80 cm, red and white frame	9.8 kg	15 - 22 m
151.000.002	Acrylic, rectangular 40*60 cm, red and white frame	6.0 kg	9 - 15 m
151.000.003	Acrylic, rectangular 60*80 cm, red and white frame	10.7 kg	15 - 22 m
151.000.004	Acrylic, rectangular 80*100 cm, red and white frame	14.5 kg	22 - 27 m
151.000.005	Acrylic, rectangular 100*120 cm, red and white frame	18.5 kg	27 - 32 m
151.000.010	Polycarbonate, round 60 cm, red and white frame	6.6 kg	9 - 15 m
151.000.011	Polycarbonate, round 80 cm, red and white frame	9.8 kg	15 - 22 m
151.000.012	Polycarbonate, rectangular 40*60 cm, red and white frame	6.0 kg	9 - 15 m
151.000.013	Polycarbonate, rectangular 60*80 cm, red and white frame	10.7 kg	15 - 22 m
151.000.014	Polycarbonate, rectangular 80*100 cm, red and white frame	14.5 kg	22 - 27 m
151.000.020	Stainless steel, round 60 cm, red and white frame	9.7 kg	9 - 15 m
151.000.021	Stainless steel, round 80 cm, red and white frame	12.2 kg	15 - 22 m
151.000.022	Stainless steel, rectangular 40*60 cm, red and white frame	11.4 kg	9 - 15 m
151.000.023	Stainless steel, rectangular 60*80 cm, red and white frame	14.0 kg	15 - 22 m

NON-EVAPORATING ROAD

PLACE OF APPLICATION:	MATERIAL:	MOUNTING:	GUARANTEE:
for indoor and outdoor use	acrylic	to the wall or on a post	5 years

- Designed for long-term external or internal use.
 - Recommended to increase traffic safety on streets, local roads and at sharp bends where the field of vision is limited.
 - Successfully used in industrial areas, entry and exit roads as well as at junctions. areas where there is a high risk of accidents.
 - It provides excellent visibility regardless of atmosphere conditions and time of day or night.
 - Pre-applied coating, prevents vapour build-up.
 - Attached to the frame, in red and white, UV-resistant with additional reinforcement on the back.
 - The sealed joint prevents water ingress and thus protects the mirror for a long time. Frame covered with foil from-RA2-type glow.
 - Equipped with a highly stable mounting bracket with a four-point ball joint, allowing any positioning of the mirror position, when mounted directly on the wall or on a mounting post (50-85 mm).
 - Approved by TUV NORD, wind test up to 12 degrees Beaufort, guarantee of 5 years.
 - They meet the requirements of the Ordinance of the Minister of Infrastructure (Journal of Laws of 23 December, No. 220, item 2181) on the levels of
- The Commission is responsible for the technical conditions for road signs and signals, traffic safety devices and their placement on the road.



Wind resistance up to a force 12 on the Beaufort scale



TÜV certificate



Rear side of mirror with 4-point ball mount allowing any positioning of mirror



Road traffic mirror TM-B round

Product code	Description	Weight	Observation distance
151.000.100	Acrylic, round 60 cm, red and white frame, non-fogging	14.0 kg	9 - 15 m
151.000.101	Acrylic, circular 80 cm, red and white frame, non-fogging	17.4 kg	15 - 22 m
151.000.102	Acrylic, rectangular 40*60 cm, red and white frame, non-fogging	11.4 kg	9 - 15 m
151.000.103	Acrylic, rectangular 60*80 cm, red and white frame, non-fogging	20.2 kg	15 - 22 m
151.000.104	Acrylic, rectangular 80*100 cm, red and white frame, non-fogging	25.5 kg	22 - 27 m
151.000.110	Polycarbonate, round 60 cm, red and white frame, non-evaporating	14.0 kg	9 - 15 m
151.000.111	Polycarbonate, circular 80 cm, red and white frame, non-fogging	17.4 kg	15 - 22 m
151.000.112	Polycarbonate, rectangular 40*60 cm, red and white frame, non-fogging	11.4 kg	9 - 15 m
151.000.113	Polycarbonate, rectangular 60*80 cm, red and white frame, non-fogging	20.2 kg	15 - 22 m
151.000.109	Polycarbonate, rectangular 80*100 cm, white and red frame, non-fogging	25.5 kg	22 - 27 m

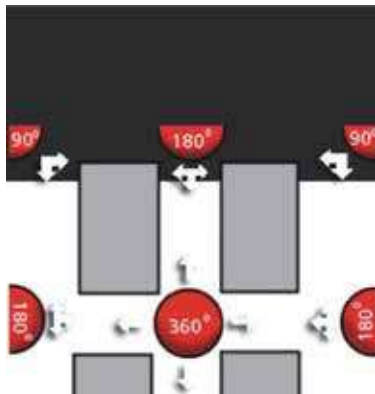
360° PANORAMIC MIRRORS

PLACE OF APPLICATION:	MATERIAL:	MOUNTING:	GUARANTEE:
for indoor and outdoor use	acrylic	on a chain to the ceiling	2 years

- Designed for indoor use.
- Commonly used to ensure the safety of people and vehicles moving through production halls, magazyns, traffic routes.
- With a wide 180° viewing angle, it guarantees excellent viewing conditions for all concerned in a wide extent.
- Made of impact-resistant metallised acrylic (70% more resistant than glass).
- Surrounded by a protective plastic profile in black.
- Equipped with a mounting plate and adjustable (telescopic) installation bracket (30-50 cm) for direct installation on the wall.
- Approved by TÜV NORD, warranty of 2 years.



TÜV certificate



Example of panoramic mirror arrangement



Product code	Description	Weight	Depth	Observation distance
151.001.600	Acrylic, spherical 60 cm	1.1 kg	29 cm	16 - 20 m
151.001.601	Acrylic, spherical 80 cm	1.5 kg	35 cm	21 - 30 m
151.001.602	Acrylic, spherical 90 cm	2.3 kg	37 cm	30 - 40 m
151.001.603	Acrylic, spherical 100 cm	2.8 kg	38 cm	40 - 50 m
151.001.604	Acrylic, spherical 125 cm	4.2 kg	49 cm	50 - 60 m
151.001.605	Polycarbonate, spherical 60 cm	1.1 kg	29 cm	16 - 20 m
151.001.690	Installation chain set for BM 360° mirrors	0.1 kg		
151.001.691	Installation chain set for mirrors BM125 360°	0.5 kg		

INDUSTRIAL MIRRORS

PLACE OF APPLICATION:	MATERIAL:	MOUNTING:	GUARANTEE:
for indoor and outdoor use	acrylic	on the wall, the bed or the ceiling	2 years

- Designed for indoor use.
- It is used to improve the security of shop, industrial and warehouse premises.
- Installed on walls or under ceilings, with a wide 180° or 90° viewing angle and excellent optical quality, it has the effect of limiting the risk of overexposure. pads, increases traffic flow in production halls and warehouses.
- It acts as a deterrent to potential thieves and facilitates the safe movement of pedestrians and drivers of company vehicles.
- Made of impact-resistant metallised acrylic (70% more resistant than glass).
- Approved by TÜV NORD, warranty of 2 years.



TÜV certificate

Product code	Description	Weight	Depth	Observation distance
151.001.610	Acrylic, spherical 180° 60 cm	0.5 kg	29 cm	10-15m
151.001.611	Acrylic, spherical 180° 80 cm	1.0 kg	35 cm	15-20m
151.001.612	Acrylic, spherical 180° 100 cm	1.3 kg	38 cm	25-30m
151.001.620	Acrylic, spherical 90° 60 cm	0.3 kg	29 cm	10-15m
151.001.621	Acrylic, spherical 90° 80 cm	0.4 kg	35 cm	15-20m
151.001.622	Acrylic, spherical 90° 100 cm	0.7 kg	38 cm	25-30m

CASHIER'S MIRROR

PLACE OF APPLICATION:	MATERIAL:	MOUNTING:	GUARANTEE:
for internal use	acrylic	on the edge at the checkout or on the shelf	2 years

- Designed for checkout counter applications.
- Improves security and the effectiveness of behavioural controls for staff and customers.
- It is a deterrent to potential thieves and dishonest persons.
- It serves to increase the range of visibility of those working at the checkout and allows a discreet glimpse into the shopping trolley.
- The flexible mounting element allows the mirror to be installed anywhere.
- Made of impact-resistant metallised acrylic (70% more resistant than glass).
- Approved by TÜV NORD, warranty of 2 years.



Product code	Description	Weight	Observation distance
151.001.700	Acrylic, triangular 36*30*30 cm	0.6 kg	1-3 m

SPEXI INSPECTION MIRRORS

PLACE OF APPLICATION:	MATERIAL:	USE:	GUARANTEE:
for internal use	acrylic	Airports, checkpoints, garages	5 years

Suitable for indoor and outdoor use.

It is used to inspect vehicle undercarriages, industrial installations and machinery and any hard-to-reach areas.

Made of impact-resistant metallised acrylic (70% more resistant than glass). It has a folding telescopic handle of adjustable length, made of anodised aluminium, with a solid soft grip, with excellent grip. When folded, the handle attaches to the inside surface of the mirror.

Approved by TÜV NORD, warranty of 2 years.



Telescopic aluminium handle with a length of 40-



Extremely robust polyurethane castors with ball bearings

LED lighting on the edge of the mirror - the most efficient solution on the market



TÜV certificate

Product code	Description	Weight
151.002.000	Acrylic, rectangular 20*40 cm, circles	2.0 kg
151.002.001	Acrylic, round 25 cm	1.6 kg
151.002.002	Acrylic, round 25 cm, circles	2.0 kg
151.002.010	Acrylic, rectangular 20*40 cm, circles, LED	2.0 kg
151.002.011	Acrylic, round 25 cm, LED	1.6 kg
151.002.012	Acrylic, round 25 cm, circles, LED	2.0 kg



ADDITIONAL MODULAR BARRIER ELEMENTS



MAGENT BARRIER DEVELOPED

- A fast and effective solution for separating hazardous areas.
- The colour of the tape provides good visibility.
- The cassette has magnetic mounts so it connects to any steel surface.
- Strong magnets provide a strong, stable and secure fixing.
- The cassette can be easily fitted and removed without tools.



Product code	Description	Length	Weight
151.100.100	Warning tape cassette, magnet, S*D 50*4600 mm, red/white tape	4600 mm	3.1 kg
151.100.101	Warning tape cassette, magnet, S*D 50*4600 mm, yellow/black tape	4600 mm	4.6 kg

30 KG MAGNET-MOUNTED HOOK

- Allows the warning chain to be hung directly to a metal surface e.g.: the foot of a shelf.

Product code	Description	Height	Weight
151.200.102	Magnet with hook	48 mm	0.052 kg



ADDITIONAL MODULAR BARRIER ELEMENTS

48MM MODULAR STEEL BARRIER

- Made of galvanised steel (thickness 2.9 mm), powder-coated in yellow (RAL1023) and black.
- It forms part of the BSM (Modular Steel Barrier) system.
- A convenient and economical solution for separating pedestrian routes.
- The yellow and black colour ensures high visibility.
- Using the BSM barrier elements, individual security can be created to suit specific needs and requirements.
- The individual BSM barrier elements are connected without the need for screws.
- Fixing anchors optionally available.



On special request, the barrier can be made in any size and colour



MODULAR STEEL BARRIER POSTS

48.3 mm, wall thickness: 2.9 mm, galvanised and powder-coated RAL 1023, base 150 x 100 x 6 mm with 4 Ø 10 mm mounting holes.

Product code	Description	Weight
151.100.200	Steel end module (BSM) W*D 1000*250 mm, yellow/black	5.4 kg
151.100.201	Steel corner module (BSM) W*D 1000*500/250 mm, yellow/black	7.2 kg
151.100.202	Steel centre module (BSM) W*D 1000*500 mm, yellow/black	7.4 kg



CENTRE POST WITH INDIVIDUALLY ADJUSTABLE ARM ANGLE,

wall thickness: 2.9 mm, galvanised and powder-coated RAL 1023, base 150 x 100 x 6 mm with 4 mounting holes Ø 10 mm

Product code	Description	Weight
151.100.203	Steel corner module, adjustable (BSM) W*D 1000*250/250 mm, yellow/black	12.0 kg



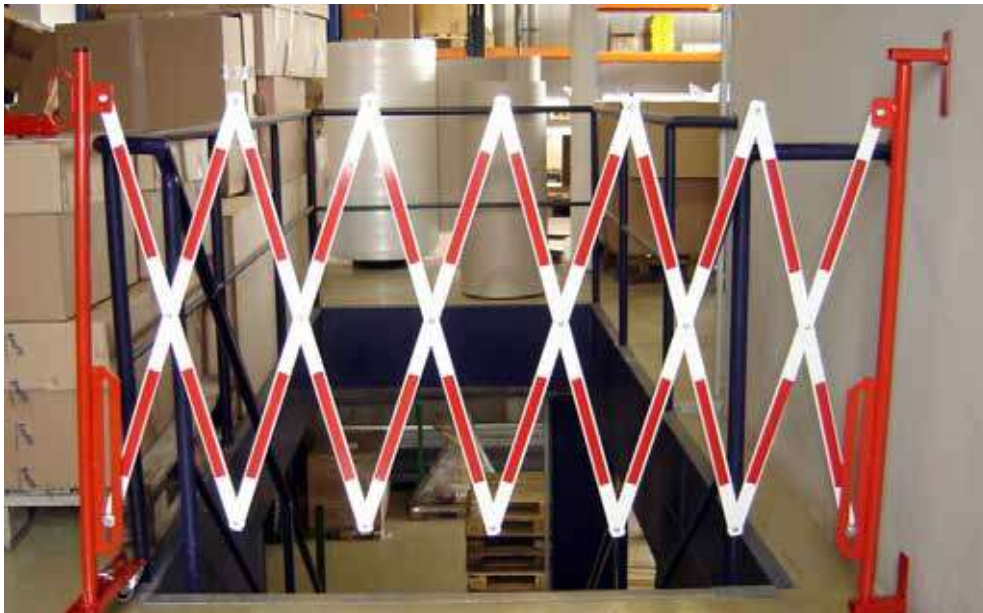
CONNECTING TUBES,

for modular barrier Ø 48.3 mm, wall thickness: 2.9 mm, galvanised and powder-coated RAL 1023.

Product code	Description	Weight
151.100.204	Connecting steel beam (BSM), D*500 mm, yellow/black	1.6 kg
151.100.205	Connecting steel beam (BSM), D*1000 mm, yellow/black	3.2 kg



SCISSOR BARRIERS



- It provides a fast, effective and secure means of cordoning off hazardous areas of all types and kinds and restricts unauthorized access.
- The colour guarantees high visibility.
- When folded, it takes up very little space.
- It has standard feet for comfortable and stable positioning on the floor.
- Robust steel construction (4 mm thick, 25 mm wide) ensures a long service life.



On special request, the barrier can be made in any size and colour

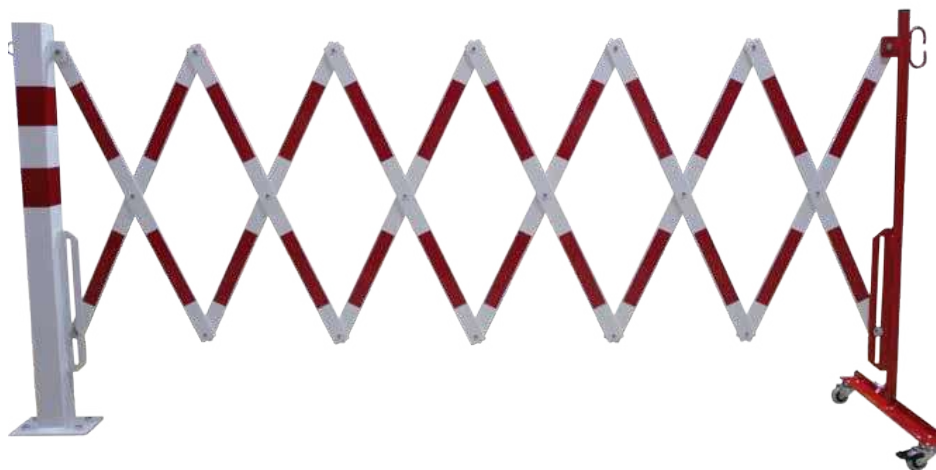
STEEL SCISSOR BARRIERS

TÜV-certified, height 1050 mm, powder-coated

Product code	Width	Colour	Wheels	Attachment to the wall	Made of profiles	Weight
151.100.300	3600 mm	red and white	not	not	4 x 25 mm	13.1 kg
151.100.301	4000 mm	red and white	not	not	5 x 40 mm	20.3 kg
151.100.302	3600 mm	yellow and black	not	not	4 x 25 mm	13.1 kg
151.100.303	4000 mm	yellow and black	not	not	5 x 40 mm	20.3 kg
151.100.304	3600 mm	red and white	yes	not	4 x 25 mm	14.6 kg
151.100.305	4000 mm	red and white	yes	not	5 x 40 mm	22.2 kg
151.100.306	3600 mm	yellow and black	yes	not	4 x 25 mm	14.6 kg
151.100.307	4000 mm	yellow and black	yes	not	5 x 40 mm	22.2 kg
151.100.308	3600 mm	red and white	yes	yes	4 x 25 mm	14.3 kg
151.100.309	4000 mm	red and white	yes	yes	5 x 40 mm	21.6 kg
151.100.310	3600 mm	yellow and black	yes	yes	4 x 25 mm	14.3 kg
151.100.311	4000 mm	yellow and black	yes	yes	5 x 40 mm	21.6 kg



CRASH STOP



- Steel scissor-type barriers are the optimum solution in areas where the barrier should be placed permanently but where wall fixing is not possible. The barriers are available in two colour versions and dimensions of 3.6 and 4 metres.
- The posts have dimensions of 70x70mm or $\varnothing 60$ mm. For mounting the barrier on already fixed posts, we recommend the KIT version.
- For temporary surface separations, we recommend the version with a rubber base that does not require installation in the ground.

SCISSOR BARRIERS

(height 1050 mm), for fixed installation on a steel post (height 1000 mm), round or square with base 195 x 125 mm

Product code	Post	Colour	Made of profiles	Width	Weight
151.100.320	$\varnothing 60$ mm	yellow and black	Steel 25 x 4 mm	3600 mm	18.4 kg
151.100.321	$\varnothing 60$ mm	yellow and black	Steel 40 x 5 mm	4000 mm	25.0 kg
151.100.330	$\varnothing 60$ mm	red and white	Steel 25 x 4 mm	3600 mm	18.4 kg
151.100.331	$\varnothing 60$ mm	red and white	Steel 40 x 5 mm	4000 mm	25.0 kg
151.100.322	70 x 70 mm	yellow and black	Steel 25 x 4 mm	3600 mm	18.4 kg
151.100.323	70 x 70 mm	yellow and black	Steel 40 x 5 mm	4000 mm	25.5 kg
151.100.332	70 x 70 mm	red and white	Steel 25 x 4 mm	3600 mm	18.4 kg
151.100.333	70 x 70 mm	red and white	Steel 40 x 5 mm	4000 mm	25.5 kg



On special request, the barrier can be made in any size and colour



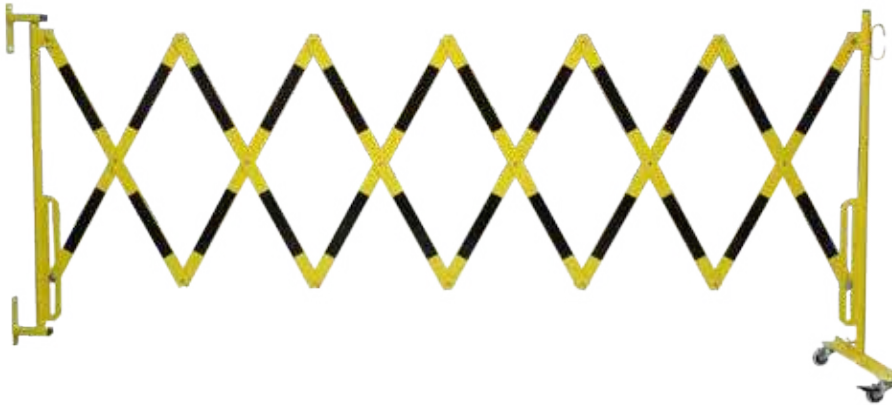
SCISSOR BARRIERS

(height 1050 mm) on a steel post (height 1000 mm) round or square mounted on a mobile rubber base (width 37 cm, weight 8 kg)

Product code	Post	Colour	Made of profiles	Width	Weight
151.100.340	$\varnothing 60$ mm	yellow and black	Steel 25 x 4 mm	3600 mm	22.7 kg
151.100.341	$\varnothing 60$ mm	yellow and black	Steel 40 x 5 mm	4000 mm	30.0 kg
151.100.342	$\varnothing 60$ mm	red and white	Steel 25 x 4 mm	3600 mm	22.7 kg
151.100.343	$\varnothing 60$ mm	red and white	Steel 40 x 5 mm	4000 mm	30.0 kg



SCISSOR-TYPE BARRIERS FOR ON AN EXISTING POST

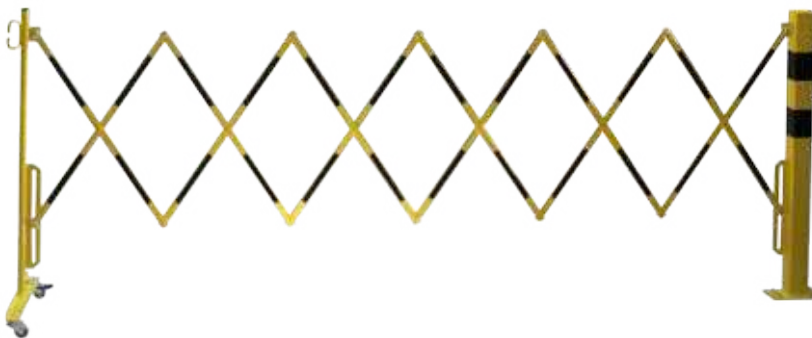


STEEL SCISSOR BARRIERS

with adapter for mounting on existing $\varnothing 60$ mm post



Product code	Description	Colour	Made of profiles	Width	Weight
151.100.350	Barrier with mounting adapter	red and white	Steel 25 x 4 mm	3600 mm	15.2 kg
151.100.351	Barrier with mounting adapter	red and white	Steel 25 x 4 mm	4000 mm	23.2 kg
151.100.352	Barrier with mounting adapter	yellow and black	Steel 25 x 4 mm	3600 mm	15.2 kg
151.100.353	Barrier with mounting adapter	yellow and black	Steel 25 x 4 mm	4000 mm	23.2 kg



STEEL SCISSOR BARRIERS

with adapter for mounting on existing 70x70 mm post



Product code	Description	Colour	Made of profiles	Width	Weight
151.100.360	Barrier with mounting adapter	white and red	Steel 25 x 4 mm	3600 mm	15.2 kg
151.100.361	Barrier with mounting adapter	white and red	Steel 25 x 4 mm	4000 mm	23.2 kg
151.100.362	Barrier with mounting adapter	yellow and black	Steel 25 x 4 mm	3600 mm	15.2 kg
151.100.363	Barrier with mounting adapter	yellow and black	Steel 25 x 4 mm	4000 mm	23.2 kg

SCISSOR BARRIER SET



- Set of 2 scissor barriers.
- It provides fast, effective and secure fencing off hazardous areas of various types and types and restricts access to unauthorised persons, indoors and outdoors.
- The colour guarantees high visibility.
- When folded, it takes up very little space.
- Each barrier has a staggered steel post with base and a stable foot on castors to enable the barrier to be manoeuvred comfortably on the ground.
- Robust manufacture in galvanised steel (5 mm thick, 40 mm wide) ensures a long service life.
- Certified by TÜV NORD.



SET OF 2 SCISSOR BARRIERS

galvanised and powder-coated, 2 x 2000 mm, TÜV-certified, steel profile 40 x 5 mm, castors 50 mm in diameter with brakes, DIN A4 baseboard connector

Product code	Description	Weight
151.100.380	Set of 2 galvanised scissor barriers white powder-coated with red reflective foil, 2 x 2000 mm	54.0 kg
151.100.381	Set of 2 scissor barriers galvanised and powder coated yellow with black tape, 2 x 2000 mm	54.0 kg



SET OF 2 SCISSOR BARRIERS

galvanised and powder-coated, 2 x 8000 mm, TÜV-certified, steel profile 40 x 5 mm, castors 50 mm in diameter with brakes, DIN A4 baseboard connector

Product code	Description	Weight
151.100.390	Set of 2 scissor rails, castors, posts przest przest. S*2*8000 mm, material 40*5 mm, white/red	128.0 kg
151.100.391	Set of 2 scissor barriers, castors, posts przest przest. S*2*8000 mm, material 40*5 mm, yellow/black	128.0 kg



SET OF STEEL POSTS WITH TROLLEY FOR RAPID TRANSPORT



Rapid transport trolley, solves the problem of inconvenient handling and storage of poles and bases. The set makes it possible to quickly secure and separate 25 metres of surface. The product can be used both indoors and outdoors.



Product code	Description	Weight
151.300.090	Set of round steel posts (6), warning chain. (25 m), rubber base (6), trolley (1), yellow/black	92.0 kg
151.300.091	Set of round steel posts (6), warning chain. (25 m), rubber base (6), trolley (1), white/red	92.0 kg
151.300.080	Trolley for transporting warning posts	19.0 kg

SET OF PLASTIC POSTS

Plastic post set consisting of six posts (40 mm) with ears, rubber bases and 10 m long polyethylene chain.

The set is available in yellow-black and white-red.



Product code	Description	Weight
151.300.100	Plastic round post set (6), warning chain. (10 m), plastic base (6), yellow/black	11.4 kg
151.300.101	Plastic round post set (6), warning chain. (10 m), plastic base (6), white/red	11.4 kg

SET OF STEEL POSTS

Yellow-black steel post set. The set consists of 6 steel posts (ø 60mm, height 1000 mm, with ears), 6 heavy rubber bases and 25 metres of yellow-black chain with connectors. The set allows the quick securing and separating of 25 metres of area. The product can be used both indoors and outdoors.

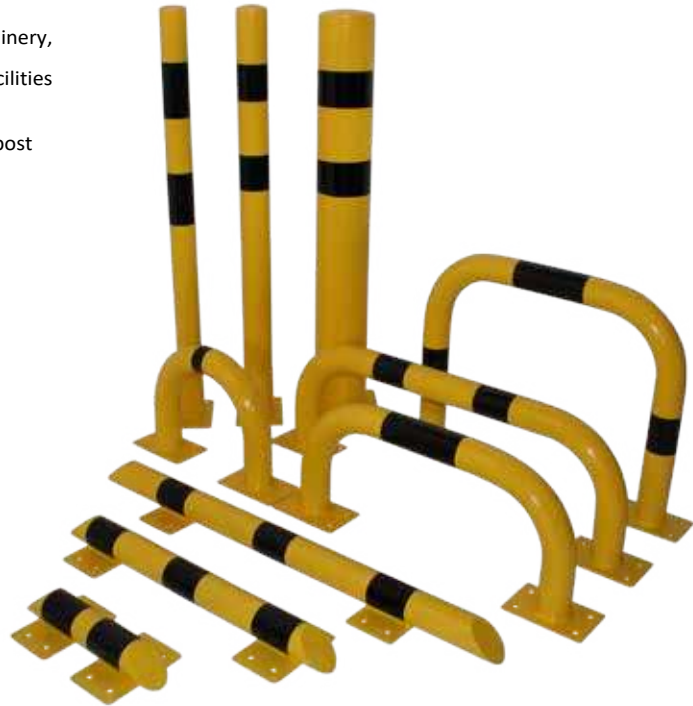
Long mobile steel pallet protector, powder-coated (RAL 1023) with black warning stripes, length 860 mm, height 400 mm, depth 200 mm, cut-out 620 x 300 mm



Product code	Description	Weight
151.300.110	Set of round steel posts (6), warning chain. (25 m), rubber base (6), yellow/black	73.0 kg
151.300.111	Set of round steel posts (6), warning chain. (25 m), rubber base (6), white/red	73.0 kg

STEEL BARRIERS AND FENDERS

- Used indoors and outdoors to protect walls, equipment, machinery, pallet racks and to delineate routes traffic in halls, warehouses, industrial plants and other facilities exposed to damage by forklifts or cars in parking areas.
- Manufactured from high-grade galvanised steel, in a bent tube post 76 mm in diameter and 3.2 mm thick, not welded.
- Powder-coated in yellow and covered with black tape.
- Provides effective marking of hazardous areas.
- Certified by TUV NORD.



STEEL BARRIERS

with 120 x 195 mm base, ø76 mm, 3.2 mm thick, galvanised for outdoor use

Product code powder-coated	Product code galvanised and powder coated	Height	Width	Weight
151.200.000	151.200.010	350 mm	375 mm	6.9 kg
151.200.001	151.200.011	350 mm	750 mm	8.5 kg
151.200.002	151.200.012	350 mm	1000 mm	10.1 kg
151.200.003	151.200.013	600 mm	750 mm	11.5 kg
151.200.004	151.200.014	600 mm	1000 mm	13.0 kg
151.200.005	151.200.015	1200 mm	750 mm	18.5 kg
151.200.006	151.200.016	1200 mm	1000 mm	20.0 kg



STEEL BARRIERS

with surface protection under the barrier, with base plate 120 x 195 mm, ø 76 mm, 3.2 mm thick, galvanised for outdoor use

Product code	Height	Width	Height of the surface under the barrier	Weight
151.200.020	350 mm	750 mm	150 mm	11.4 kg
151.200.021	350 mm	1000 mm	150 mm	13.0 kg
151.200.030	600 mm	750 mm	400 mm	18.0 kg
151.200.031	600 mm	1000 mm	400 mm	24.1 kg



STEEL BUMPERS

PILLAR WITH BASE

for surface mounting, height 1200 mm, galvanised and powder-coated

Product code	Diameter	Basis	Thickness	Weight
151.200.040	ø 76 mm	120 x 195 mm	3.2 mm	8.3 kg
151.200.041	ø 89 mm	140 x 195 mm	3.6 mm	9.9 kg
151.200.042	ø 159 mm	240 x 240 mm	4.5 mm	23.4 kg



1600 MM HIGH POSTS

for concreting, height above surface 1200 mm, galvanised and powder-coated

Product code	Diameter	Thickness	Weight
151.200.050	ø 76 mm	3.2 mm	9.4 kg
151.200.051	ø 159 mm	4.5 mm	23.4 kg



TROLLEY CLAVICLES

galvanised and powder-coated, base 120 x 195 mm, ø 76 mm, thickness 3.2 mm

Product code	Length	Weight
151.200.060	400 mm	4.3 kg
151.200.061	800 mm	6.6 kg
151.200.062	1200 mm	8.9 kg

CORNER PROTECTION

arm length 600 mm, base 120 x 195 mm, ø 76 mm, thickness 3.2 mm

Product code powder-coated	Product code galvanised and powder coated	Height	Weight
151.200.070	151.200.080	350 mm	12.9 kg
151.200.071	151.200.082	600 mm	17.5 kg
151.200.072	151.200.082	1200 mm	27.9 kg



CORNER PROTECTION

with surface protection under the barrier , height 1000 mm, ø 76 mm, thickness 3.2 mm

Product code powder-coated	Product code galvanised and powder-coated	Legs	Height of protective sheeting	Weight
151.200.090	151.200.100	300 mm	200 mm	16.8 kg
151.200.091	151.200.101	600 mm	200 mm	28.7 kg
151.200.092	151.200.102	900 mm	200 mm	40.0 kg
151.200.093	151.200.103	1200 mm	200 mm	50.0 kg



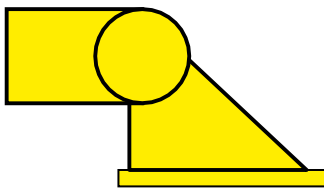
MODULAR WALL COVERING

The modular wall guard system allows vulnerable areas to be protected. The different finishes of the individual cover components allow the bumpers to be optimally adapted to the layout of the room.

MODULAR WALL COVERING

straight element, height 140 mm, \varnothing 76 mm, powder-coated RAL 1023 yellow, covered with black film, on a single base for mounting in the floor

Product code powder-coated	Product code galvanised and powder coated	Length	Width	Weight
151.200.110	151.200.120	500 mm	140 mm	5.4 kg
151.200.111	151.200.121	1000 mm	140 mm	10.5 kg



MODULAR WALL COVERING

curved inward curved element, height 140 mm, \varnothing 76 mm, total width 180 mm, powder-coated RAL 1023 yellow, covered with black film, on a single base for mounting in the floor

Description	90° angle, right, internal		90° angle, left, internal	
	Length 500 mm	Length 100 mm	Length 500 mm	Length 100 mm
Powder-coated	151.200.130	151.200.140	151.200.150	151.200.151
Galvanised and powder-coated	151.200.140	151.200.131	151.200.160	151.200.161
Weight	5.4 kg	10.9 kg	5.4 kg	10.9 kg
Drawing				

MODULAR WALL COVERING

curved element, outward curved, height 140 mm, \varnothing 76 mm, total width 180 mm, powder-coated RAL 1023 yellow, covered with black film, on a single base for mounting in the floor

Description	90° angle, right, external		90° angle, left, external	
	Length 500 mm	Length 100 mm	Length 500 mm	Length 100 mm
Powder-coated	151.200.170	151.200.171	151.200.190	151.200.191
Galvanised and powder-coated	151.200.180	151.200.181	151.200.200	151.200.201
Weight	5.4 kg	10.9 kg	5.4 kg	10.9 kg
Drawing				

STEEL PIPE AND GUTTER COVER

- Used indoors and outdoors.
- Made of galvanised sheet steel and powder-coated in yellow (RAL 1023).
- Additionally taped with black tape.
- The yellow and black colour provides excellent visibility and reduces the likelihood of damage.
- Protects gutters, pipes, cables laid on walls from accidental damage by moving vehicles inside production halls, warehouses or shops.



STEEL GUTTER AND PIPE GUARD

Width: 300 mm, galvanised and powder-coated (RAL 1023), with black warning markings, for outdoor use,

Product code powder-coated	Product code galvanised and powder coated	Height	Internal width	Depth	Width on wall	Weight
151.200.210	151.200.220	500 mm	290 mm	230 mm	50 mm	8.7 kg
151.200.211	151.200.221	1000 mm	290 mm	230 mm	50 mm	17.5 kg

SHELVING COVER

Steel bumpers are a must-have for warehouses. Our products are manufactured from high-strength, high-quality 5 mm thick steel. The quality of the product is certified by TÜV-Nord. The bumpers comply with the provisions of standard BGR 234.



U-profile, outer dimension 245 mm, inner dimension 125 mm, depth 200 mm



Profile L, dimensions 180x180



SHELVING LEG COVERS

height: 400 mm, material thickness: 5 mm, powder-coated yellow (RAL 1023) with black warning markings, for indoor use

Product code	Description	Height	Thickness	Weight
151.200.230	Shelf support steel, profile "L", W*400 mm, painted yellow/black	300 mm	5.0 mm	6.0 kg
151.200.231	Shelf support steel, U-profile, W*400 mm, painted yellow/black	600 mm	5.0 mm	6.0 kg
151.100.042	Floor anchors, D*85 mm, galvanised			

HEIGHT LIMITER

- Attached to two steel brackets fixed to the wall.
- Adjustable suspension height above the gate or other type of secure entry.
- Made from high-grade galvanised steel, in a tubular post.
- Powder-coated in yellow (RAL 1023) and covered with black tape.
- The yellow-black colour provides excellent visibility and reduces the likelihood of damage.
- It is used to protect garage doors, warehouse doors and low-slung installations from damage.

HEIGHT LIMITER

galvanised and powder-coated RAL 1023 width 2400 mm, distance from wall 1100 mm, height adjustable from 350-700 mm, for indoor use



Product code	Description	Weight
151.200.240	Steel height stop D*2400 mm, galv. painted yellow/black	5.4 kg

STEEL PILLAR COVER

- Used indoors to protect structural columns, production line supports.
- In terms of durability, it is recommended for securing free-standing columns or other elements requiring the highest level of protection.
- Provides a high degree of protection for the parts to be protected.
- Made of high-grade steel, in a column of two interlocking elements.
- Powder-coated in yellow (RAL 1023) and covered with black tape.



STEEL PILLAR COVER

height 600 mm, side length 500 mm, consisting of two elements, 4 mounting bases 160 x 70 mm with mounting holes 12.5 mm dia, Ø 70 mm

Product code powder-coated	Product code galvanised and powder coated	Height	Width	Weight
151.200.250	151.200.251	600 mm	520 mm	19.0 kg

TROLLEY FOR APPLYING WARNING TAPE



The warning tape application trolley makes it much easier to apply tape over long distances in warehouses or production halls. The device is suitable for tape widths of 50 or 75 mm.

Product code	Description	Weight
151.200.260	Tape marking trolley	7.0 kg
151.200.261	Marking tape, PVC, D*33 m, S*50 mm, 5 pcs, yellow	1.8 kg
151.200.262	Marking tape, PVC, D*33 m, S*75 mm, 5 pcs, yellow	2.8 kg
151.200.263	Marking tape, PVC, D*33 m, S*50 mm, 5 pcs, yellow/black	2.5 kg
151.200.264	Marking tape, PVC, D*33 m, S*75 mm, 5 pcs, yellow/black	3.9 kg
151.200.265	Marking tape, metal, D*1.5 m	0.2 kg
151.200.266	Marking tape, metal, D*6.0 m	1.4 kg

MODULAR SHELVING FRONT COVER



The modular front guard protects the front of the rack which is particularly vulnerable to fork-lift truck impacts. The modular construction allows existing shelters to be extended and adapted to individual lengths.

MODULAR SHELVING FRONT COVER

powder-coated (RAL 1023) with warning black stripes, for indoor use.



Product code	Description	Length	Height	Width	Weight
151.200.270	Shelf base cover set left, front and side cover, D*1230 mm, W*400/200 mm	1230 mm	400/200 mm	280 mm	19.3 kg
151.200.271	Shelf-leg guard set right, front and side guard, D*1230 mm, W*400/200 mm	1230 mm	400/200 mm	280 mm	19.3 kg
151.200.272	Shelf foot end cap, right D*230 mm, W*400 mm	230 mm	400 mm	300 mm	8.2 kg
151.200.273	Shelf foot end cap, left D*230 mm, W*400 mm	230 mm	400 mm	300 mm	8.2 kg
151.200.274	Shelf side panel, right D*500 mm, W*200 mm	500 mm	200 mm		5.6 kg
151.200.275	Shelf base side panel, left D*500 mm, W*200 mm	500 mm	200 mm		5.6 kg

HEIGHT-ADJUSTABLE STEEL GUARD

- Suitable for indoor and outdoor use.
- Made of galvanised sheet steel.
- It has feet and mounting posts.
- All powder-coated in yellow (RAL 1023) and covered with black tape.
- The yellow and black colour provides excellent visibility and reduces the likelihood of damage and accidents.
- The barrier's unique design allows it to be adjusted in height and angle and allows it to be installed in areas with a slope grounds.

Steel guard with adjustable height and base angles, galvanised and powder-coated with black warning stripes, guard height - sheet metal 300 mm, with feet 436-516 mm, length: 2400 mm, for indoor and outdoor use.



Product code	Description	Weight
151.200.280	Steel guard, adjustable in height, D*2400 mm, W*436-516 mm	24.4 kg

MOBILE SHIELD FOR LONG PALLETS

- The mobile cover allows extremely long pallets that do not fit within the racking area to be secured quickly.
- Simply place a cover under the pallet to mark and protect this dangerous area.
- Made of galvanised sheet steel.
- Powder-coated in yellow (RAL 1023) and covered with black tape.
- The yellow and black colour provides excellent visibility and reduces the likelihood of damage and accidents.



Mobile steel long pallet protector, powder-coated (RAL 1023) with black warning stripes, length 860 mm, height 400 mm, depth 200 mm, cut-out 620 x 300 mm

Product code	Description	Weight
151.200.290	Steel pallet cover D*W 860*400 mm	14 kg



HEIGHT-ADJUSTABLE STEEL GUARD

TÜV-certified steel posts are the most popular solution for marking hazardous areas, both indoors and outdoors. Many different variants are available, allowing you to select the right solution for your needs. The posts are available in yellow-black or white-red, and can be surface-mounted, cast-in-place or rubber-footed. Some types can be chained together.

POSTS TO BE CONCRETED IN

galvanised and powder-coated, height 1400 mm

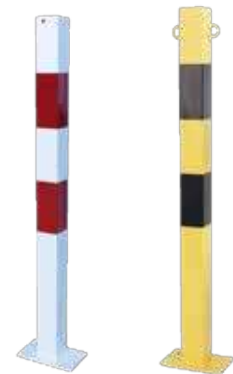
Product code	Description	Weight
151.300.001	Steel post, round, Ø 60 mm, for concreting, 2* grip, galvanised painted white/red	5.5 kg
151.300.002	Steel post, round, Ø 60 mm, for concrete, galvanised, painted yellow/black painted yellow/black	5.7 kg
151.300.003	Steel post, round, Ø 60 mm, for concreting, 2* eyelet chuck, galvanised, yellow/black painted yellow/black	5.7 kg
151.300.004	Steel post, square. 70*70 mm, for concreting, galvanised, painted white/red painted white/red	5.7 kg
151.300.005	Steel post, square. 70*70 mm, for concreting, 2* eyelet handle, galvanised, painted white/red painted white/red	6.2 kg
151.300.006	Steel post, square. 70*70 mm, for concreting, galvanised, painted yellow/black painted yellow/black	6.0 kg



BOLT-ON POSTS

galvanised and powder-coated, height 1000 mm, base 120 x 195 mm

Product code	Description	Weight
151.300.010	Steel post, round, Ø 60 mm, for floor, galvanised, painted white/red Painted white/red	5.2 kg
151.300.011	Steel post, round, Ø 60 mm, for floor, 2* grip, galvanised painted white/red	5.1 kg
151.300.012	Steel post, round, Ø 60 mm, for floor, galvanised, painted yellow/black Painted yellow/black	5.2 kg
151.300.013	Steel post, round, Ø 60 mm, for floor, 2* grip, galvanised, yellow/black painted painted yellow/black	5.0 kg
151.300.014	Steel post, square. 70*70 mm, for floor, galv. painted white/red	5.5 kg
151.300.015	Steel post, square. 70*70 mm, for floor, 2* eyelet, galvanised painted white/red	5.5 kg
151.300.016	Steel post, square. 70*70 mm, for floor, galvanised, painted yellow/black painted yellow/black	5.5 kg



STEEL BEAMS

60 mm, height 1000 mm, galvanised and powder-coated with ears

Product code	Description	Weight
151.300.020	Steel post, round, Ø 60 mm, for ground, 2* grip, galvanised painted yellow/black	3.5 kg
151.300.021	Steel post, round, Ø 60 mm, for ground, 2* eyelet chuck, galvanised, painted white/red painted white/red	3.5 kg

Product code	Description	Weight
151.300.030	Steel post, round, Ø 60 mm, for ground, 2* grip, galvanised painted yellow/black	8.5 kg
151.300.031	Steel post, round, Ø 60 mm, for ground, 2* grip, galvanised painted white/red	8.5 kg



ACCESSORIES

Product code	Description	Weight
151.300.040	Rubber base for installation of round post Ø 60 mm	7.0 kg
151.300.050	Steel base for installation of round post Ø 60 mm in the ground	5.3 kg
151.300.051	Steel base for temporary installation of round post Ø 60 mm	2.7 kg
151.300.052	Steel base for temporary installation of square post 70*70 mm	2.7 kg
151.300.060	Demarcation chain, polyethylene, D*25 m, yellow/black	1.6 kg
151.300.061	Demarcation chain, polyethylene, D*25 m, white/red	1.6 kg
151.300.070	Steel base for temporary installation of post with quick disassembly option	2.1 kg

PROTECTIVE BARRIERS

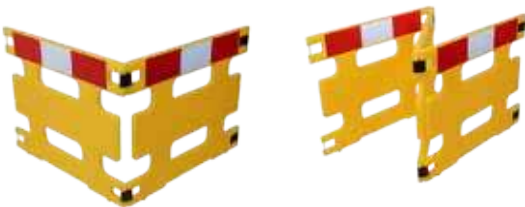
Plastic barriers are the ideal solution for fencing off and marking dangerous areas and obstacles. The large and sturdy foot together with a combination of hook and eye joints provides good stability. For easier storage and machining, the foot can be turned. Available in yellow or white, covered with reflective film type RA1.



Product code	Description	Size	Weight
151.300.300	Elemental barrier, polyethylene, white	2000 x 1000 x 50 mm	15.2 kg
151.300.301	Element barrier, polyethylene, yellow	2000 x 1000 x 50 mm	15.2 kg
151.300.310	Elemental barrier, polyethylene, grey	2000 x 1100 x 50 mm	9.9 kg

FOLDING PLASTIC BARRIERS

Folding plastic barriers for cordoning off hazardous areas. Lightweight and portable, these barriers allow the area to be quickly marked and demarcated. The individual modules can be combined to create barriers of any required length.



Plastic barriers, yellow, with red and white reflective strips, Dimensions per element height 800 x length 970 x thickness 30, for indoor and outdoor use, two or three movable elements, can be quickly combined into modules, convenient for transport and storage when assembled

Product code	Description	Width	Length	Thickness	Weight
151.300.320	Element barrier 2-part	2000 mm	800 mm	30 mm	6.0 kg
151.300.321	Element barrier 3-part	3000 mm	800 mm	30 mm	9.0 kg

TRAFFIC

Extra-strong speed bumps made of new vulcanised rubber, UV-resistant. A glare element is incorporated for additional visibility.

Thresholds are available in heights of 50 mm (maximum speed 20 km/h) and 75 mm (maximum speed 10 km/h).

All components are made entirely of mono-coloured rubber, so that they do not change colour even after many years of use. Assembly materials available separately.



Product code	Description	Weight
151.300.440	Threshold W*50 mm, centre piece, yellow	13.4 kg
151.300.441	Threshold W*50 mm, centre piece, black	13.4 kg
151.300.442	Waiting threshold W*50 mm, start element, yellow	3.6 kg
151.300.443	Threshold release W*50 mm, start element, black	3.6 kg
151.300.444	Threshold W*50 mm, end piece, yellow	3.6 kg
151.300.445	Threshold W*50 mm, end piece, black	3.6 kg
151.300.450	Threshold W*75 mm, centre piece, yellow	13.4 kg
151.300.451	Threshold W*75 mm, centre piece, black	13.4 kg
151.300.452	Threshold W*75 mm, pre-starting element, yellow	3.6 kg
151.300.453	Threshold release W*75 mm, start element, black	3.6 kg
151.300.454	Threshold W*75 mm, end piece, yellow	3.6 kg



FOLDING WARNING SIGN

Folding plastic warning sign with reflective elements and warning sticker on both sides. Height 630 mm, width top 215 mm, width bottom 340 mm



Product code	Description	Height	Width at the top	Width at bottom	Weight
151.300.500	Warning sign	630 mm	215 mm	340 mm	1.2 kg

SEMI-TRAILER BASE



Our telescopic truck trailer support is TÜV-certified for a load of 40 tonnes. It significantly increases safety when unloading and loading a semi-trailer without a tractor.

The telescopic support legs make tipping over during loading and unloading impossible. This additional protection is required by the trade associations and complies with the regulations of BGI 582 and BGI 603.



- 380 mm diameter tyres
- Easy to transport
- Base measuring 470 x 425 mm
- Height adjustment from 1025-1344 mm
- Dimensions of upper part of base 760 x 120 mm

Product code	Description	Colour	Height	Weight
151.300.720	Trailer base	Yellow	1025-1344 mm	150.0 kg

POLYURETHANE SAFETY BARRIERS



- Solid polyurethane barriers
- Each barrier is designed for both indoor and outdoor use
- High impact resistance
- Black warning stripes and red reflective film increase visibility
- Steel core for increased impact resistance
- Recommended for use in the food industry
- Rust-resistant
- High energy absorption from impact
- The product is made of solid-coloured material that does not require painting after impact
- Screwed to the surface

WHY POLYURETHANE?

Compared to steel, polyurethane does not require post-impact treatment and does not rust. Thanks to the use of plastic, the barriers can be used in the food industry without fear.

VERSIONS AVAILABLE:

- Posts with 3 different diameters.
- Trolley bumpers in 3 different lengths.
- Barriers in 7 dimensions.



POLYURETHANE POLES



The pillars provide solid protection for machinery, racks, building facades and entrance gates. The yellow colour with red and black warning markings increases visibility. The various post diameters allow optimal selection. Fixing components available on request. Indoor and outdoor installation.



Polyurethane pole, 1000 mm high, with reflective stripes

Product code	Description	Diameter	Base dimensions	Weight
151.400.000	Polyurethane warning post	ø 90 mm	200 x 200 x 25 mm	12.5 kg
151.400.001	Polyurethane warning post	ø 159 mm	250 x 250 x 25 mm	27.7 kg
151.400.002	Polyurethane warning post	ø 273 mm	320 x 320 x 25 mm	80.2 kg
151.400.110	Set of 4 mounting anchors, galvanised			0.24 kg
151.400.111	Set of 4 mounting anchors, stainless steel			0.24 kg

TROLLEY BUMPERS



Trolley bumpers provide optimum protection against damage after a collision and create a clearly visible boundary separating the traffic area for different types of vehicle. Fastening elements available on request. Mounting outside and inside.

Polyurethane trolley bumpers, with red reflective film, ø 80 mm diameter



Product code	Description	Diameter	Length	Weight
151.400.100	Polyurethane trolley bumpers	80 mm	400 mm	3.4 kg
151.400.101	Polyurethane trolley bumpers	80 mm	800 mm	6.2 kg
151.400.102	Polyurethane trolley bumpers	80 mm	1200 mm	8.8 kg
151.400.110	Set of 4 mounting anchors, galvanised			0.24 kg
151.400.111	Set of 4 mounting anchors, stainless steel			0.24 kg

POLYURETHANE BARRIERS

- Guard rails are ideal for protecting certain parts of buildings machinery and equipment. The different sizes allow for a wide range of applications.
- Fastening elements are available on separate order.
- Outdoor and indoor installation.



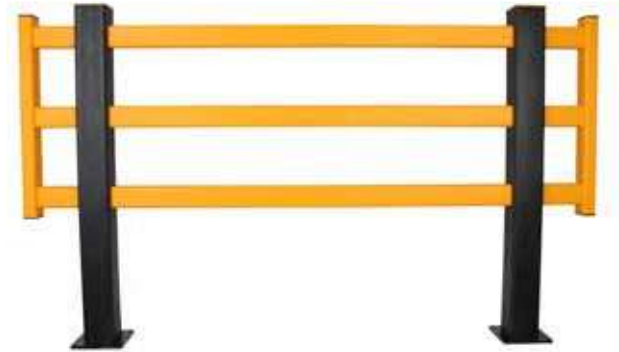
Barrier made of polyurethane with red reflective tape, base 140 x 140 x 20 mm, diameter Ø 80 mm

Product code	Description	Height	Length	Weight
151.400.200	Polyurethane safety barrier	350 mm	375 mm	7.4 kg
151.400.201	Polyurethane safety barrier	350 mm	750 mm	9.9 kg
151.400.202	Polyurethane safety barrier	350 mm	1000 mm	11.6 kg
151.400.203	Polyurethane safety barrier	600 mm	750 mm	14.1 kg
151.400.204	Polyurethane safety barrier	600 mm	1000 mm	15.5 kg
151.400.205	Polyurethane safety barrier	1200 mm	750 mm	22.5 kg
151.400.206	Polyurethane safety barrier	1200 mm	1000 mm	24.3 kg
151.400.210	Set of 8 mounting anchors, galvanised			0.48 kg
151.400.211	Set of 8 mounting anchors, stainless steel			0.48 kg



SAFETY BARRIERS FOR MACHINES

- Designed to separate machinery and pedestrian traffic from vehicular traffic and other potential sources of danger.
- The barrier clearly demarcates a danger zone with restricted access for unauthorised persons.
- Used in industrial plants, on production halls, around repair ducts and buildings, inside as well as outside.
- It consists of high-impact end posts (2 pcs.) and a set of 3 cross beams.
- Made of plastic with excellent impact and intensive explanation properties.



Product code	Description	Length	Height	Weight
151.500.000	Flexible barrier for machine protection	1000 mm	1171 mm	21.0 kg
151.500.001	Flexible barrier for machine protection	1500 mm	1171 mm	22.0 kg
151.500.003	Flexible barrier for machine protection	2000 mm	1171 mm	24.5 kgv

FLEXIBLE SAFETY POST

- Used at loading ramps, entrance and exit gates, car parks and to mark intersections.
- Also designed to separate vehicular traffic.
- It can easily be integrated with other elements of the flexible barriers.
- It is characterised by high durability and excellent wi- nness.
- Indoor and outdoor use.
- Made of plastic with excellent impact and intensive explanation properties.



Product code	Description	Height	Diameter	Weight
151.500.010	Pole	1200 mm	200 mm	22.5 kg
151.500.011	Pole	750 mm	200 mm	17.8 kg
151.500.012	Pillar with swivel ring	1200 mm	200 mm	30.8 kg
151.500.013	Pole	400 mm	200 mm	7.5 kg

FLEXIBLE BARRIER TO PROTECT

TRAFFIC ROUTES

- Designed to protect wall communication routes, building support elements, expensive machinery and other equipment. The project is designed to prevent accidental damage by vehicles.
- This fully modular system can be tailored to the specific requirements of the user and can be integrated with guard posts, and handrails for pedestrians.
- For indoor and as well as outdoor use.
- Made of plastic with excellent resistance to impact and intensive explanation.



Product code	Description	Height	Width	Weight
151.500.020	Flexible barrier, end post	400 mm	375 mm	11.8 kg
151.500.021	Flexible barrier, centre post	400 mm	250 mm	11.5 kg
151.500.022	Flexible barrier, connecting piece (tube) Diam*D 200*1350 mm			9.2 kg
151.500.030	Flexible barrier, connecting piece (tube) Diameter*D 200*any mm			7.5 kg

FLEXIBLE BARRIER TO PROTECT FOOTPATHS

- Designed to separate pedestrian and machine traffic from traffic and other potential sources of danger.
- Unambiguously designates roads for pedestrian traffic, equipment transport, etc.
- Used to organise traffic on construction sites and to protect columns and pillars.
- Used in warehouses, industrial plants, airports, around repair ducts and buildings, inside as well as on the Outside.
- The system can be easily supplemented with swing gates, sliding gates, sign boards and protective caps.
- Made from a material with excellent u-strength properties.



Product code	Description	Weight
151.500.040	Flexible barrier, end post	9.1 kg
151.500.041	Flexible barrier, centre post	9.2 kg
151.500.042	Flexible barrier, 90° corner post	9.1 kg
151.500.050	Flexible barrier, connecting element (beam) D*1500 mm	5.0 kg

FLEXIBLE SAFETY BARRIERS

FLEXIBLE SHELVING FRONT COVER

- Used in warehouses and distribution centres to protect the structure of storage regulations, indoors and outdoors.
- Designed for areas where manual or electric pallet trucks, transport trucks, counterbalance forklifts up to 2500 kg and forklifts move for high storage.
- Made of plastic with excellent resistance to impact and intensive use



Product code	Description	Length	Width	Base diameter	Weight
151.500.060	Flexible shelf front cover, 1 beam	2500 mm	375 mm	225 mm	30.9 kg
151.500.061	Flexible shelf front cover, 1 beam	1100 mm	375 mm	225 mm	27.8 kg
151.500.070	Flexible shelf front cover, 2 beams	2500 mm	375 mm	225 mm	39.9 kg
151.500.071	Flexible shelf front cover, 2 beams	1100 mm	375 mm	225 mm	33.6 kg

FLEXIBLE RACKING COVER

- Used as an essential element of storage racking protection.
- Impacts from warehouse trolleys cause the cover to deform while absorbing the impact energy.
- The cover then returns to its original shape.
- Made from a plastic with excellent impact and intensive explanation performance.

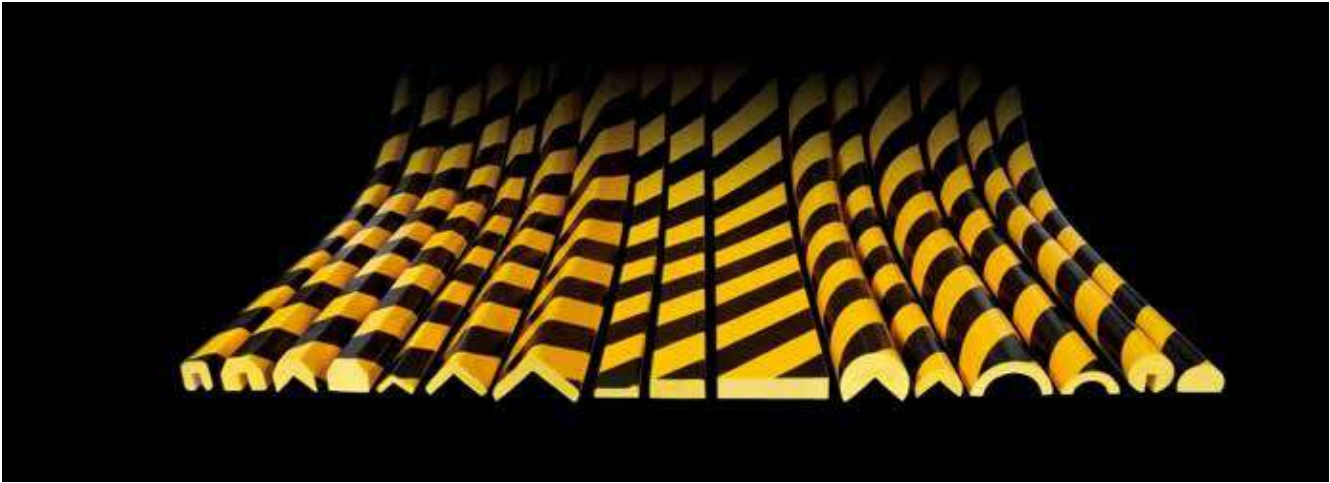



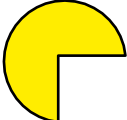
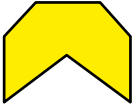

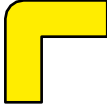
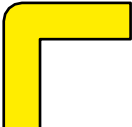
Product code	Description	Size	Shelf width	Weight
151.500.080	Flexible shelf foot cover S/M	2500 mm	75 - 100 mm	1.4 kg
151.500.081	Flexible shelf foot cover L	1100 mm	100 - 125 mm	1.8 kg



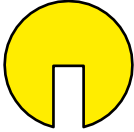


FLEXIBLE WARNING AND PROTECTION

PROTECTIVE PROFILES

Available in yellow/black as 1000 mm pieces, 5 metre rolls or 50 metre rolls, cut in the following sizes:



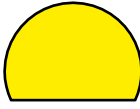
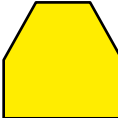






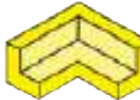

Type	Corner protection					
Mounting	self-adhesive					
Type	Type A	Type A+	Type AA	Type E	Type H	Type H+
Product code 1 m	151.600.100	151.600.103	151.600.106	151.600.109	151.600.112	151.600.115
Product code 5 m roll	151.600.101	151.600.104	151.600.107	151.600.110	151.600.113	-
Product code mb	151.600.102	151.600.105	151.600.108	151.600.111	151.600.114	-
Drawing						

Type	Pipe protection		Edge protection		
Mounting	self-adhesive		pressed		self-adhesive
Type	Type R30	Type R50	Type B	Type BB	Type G
Product code 1 m	151.600.137	151.600.140	151.600.116	151.600.119	151.600.122
Product code 5 m roll	151.600.138	-	151.600.117	151.600.120	151.600.123
Product code mb	151.600.139	-	151.600.118	151.600.121	151.600.124
Drawing					

FLEXIBLE WARNING AND PROTECTION



Type	Surface protection			
Mounting	self-adhesive			
Type	Type F	Type D	Type C	Type CC
Product code 1 m	151.600.134	151.600.131	151.600.125	151.600.128
Product code 5 m roll	151.600.135	151.600.132	151.600.126	151.600.129
Product code mb	151.600.136	151.600.133	151.600.127	151.600.130
Drawing				

Type	Corners					
Mounting	self-adhesive					
Type	Corner unit Type A, 2 D	Corner unit Type A, 3 D	Corner unit Type H, 3 D	Corner unit Type H, 3 D	Corner unit Type E, 2 D	Corner unit 3 D
Product code	151.600.142	151.600.143	151.600.144	151.600.145	151.600.146	151.600.14
Drawing						

Cable Protectors

- Cable protectors provide safe passage for pedestrians, vehicles and equipment while protecting valuable electrical cables, cords and hose lines from damage
- Patented modular, interlocking design can be customized to accommodate any number of cables
- Variety of styles and sizes to suit any application



The Perfect System

Our cable protectors feature a patented modular, interlocking design that can be customized to accommodate any number of cables. This innovative design makes setting up, dismantling, and storing the system simple.

Checkers cable management offers the most extensive line of high performance cable/hose protection products in the world. These durable cable protection systems provide a safer method of passage for pedestrian traffic, vehicles and heavy duty equipment while protecting valuable electrical cables, cords and hose lines from damage.

Our patented design and connector systems are the best in the industry, and made in the USA.



Guard Dog® Series Cable Protectors in use at a sports arena

Advantages of Using Checkers Cable Protection Systems

- Urethane construction is lighter and more durable than rubber imitations in extreme weather conditions
- Non-conductive material insulates and protects cords/cable, as well as people
- We offer extensive accessories such as ADA/DDA compliant access ramps, protector bridges, 45° & 90° turns, and end caps
- Universal safety colors alerting all types of traffic to the product's presence
- Only manufacturer in the world offering customized solutions, including logos molded into the product
- Multiple channel options so each cable and hose can have its own dedicated channel
- Modular interlocking design that makes setting up, dismantling and storing the product simple and straightforward

Specification Data for Urethane Models

Material	Urethane (UV stabilized)
Operating Temp	-40° F to 120° F (-40° C to 48° C)
Hinge Pin Material	Reinforced fiberglass (where applicable)
Safety Symbols	Per ANSI. Z535.3-1991 (where applicable)



Safety Warning Symbols
molded into protectors (where applicable)



Advantages of Urethane vs. Rubber

- Up to 75% lighter, easier to handle and less costly to ship
- Withstands repetitive impact & abuse over longer periods of time
- Superior load bearing capacity and broader hardness range
- Better oil, chemical, fuel & lubricant resistance
- Higher abrasion, cut, and tear resistance
- UV Stable—use indoors or outside
- Doesn't smell toxic like some imported products

Choosing The Right Model

Channel Size and Maximum O.D.

5, 4, 3, 2, and 1-channel models available. Check your cable/hose outside diameter to ensure it will fit into your desired cable protector.

Height/Slope

Cable protector height varies. Understand the clearance your vehicles require; low profile models, ADA compliant ramps and unique accessories are available if needed.



ADA/DDA
Compliant Accessories

Color Options/Ordering

Select cable protectors offer multiple color options. Where applicable, specify your chosen color by adding the color code to the end of the product number.

For example, CP5X125-Y/O is the complete model number for the cable protector pictured above.

Unit Color	Color Code	Icon
Yellow	Y	
Orange	O	
Black	B	
Blue	BLU	

Unit Color(s)	Color Code (Lid/Base)	Icon
Yellow/Orange	Y/O	
Yellow/Black	Y/B	
Yellow/Blue	Y/BLU	
Yellow/Gray	Y/GRY	
Orange/Yellow	O/Y	
Orange/Black	O/B	
Orange/Blue	O/BLU	
Black/Yellow	B/Y	
Black/Black	B/B	

Load Capacity

Determine the required load capacity for your application. Know what type of vehicles and pedestrian traffic will be crossing over your cable protectors.

General Rule

As the number of channels on the protector decreases, channel height increases (Does not apply to low profile and drop over models).

Connector Style

Make sure your product will be compatible with previous style cable protectors you may already own. Available connector types (varies by model):



T-Shaped



Dog Bone



Hourglass®



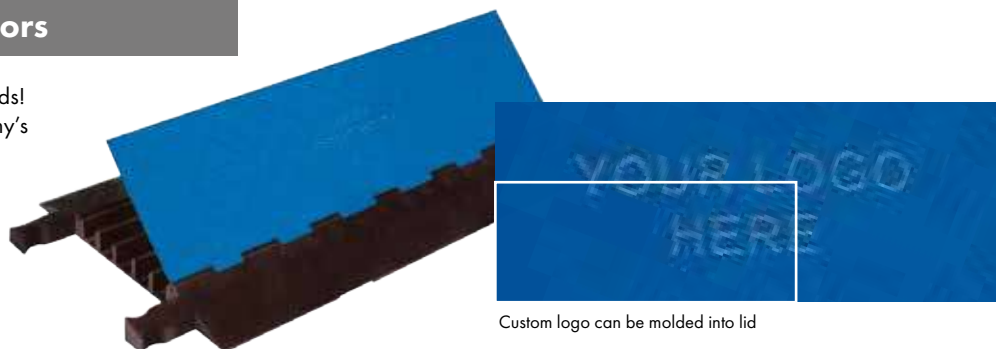
Gripper



L-Shaped

Customize Your Cable Protectors

Customize your cable protectors to meet your needs! We can create a custom color, mold your company's logo into the lid, or both.



Custom logo can be molded into lid

Cable Protector Reference Guide

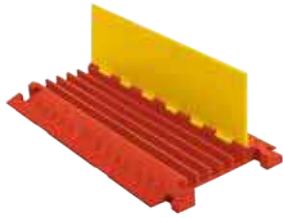
	Product	Model No.	Maximum OD	Load Capacity (per axle)	# of Channels	Connector Type	Prop 65		
Linebacker®	Heavy Duty 5-Channel	CP5X125	1.35 in (3.43 cm)	40,300 lb (18,280 kg)	5	 T-Shaped			
	Heavy Duty 4-Channel	CP4X125	1.35 in (3.43 cm)	40,300 lb (18,280 kg)	4				
	Heavy Duty 3-Channel	CP3X225	2.25 in (5.72 cm)	28,420 lb (12,892 kg)	3				
	Heavy Duty 2-Channel	CP2X325	3.25 in (8.27 cm)	21,760 lb (9,870 kg)	2				
	General Manufacturing 4-Channel	CP4X300	3 in (7.62 cm)	20,200 lb (9,163 kg)	4				
	General Purpose 5-Channel	CP5X125-GP	1.3 in (3.3 cm)	21,000 lb (9,526 kg)	5				
	General Purpose Drop Over/Split Top 1.25-in H	CP1X125	1.25 in (3.18 cm)	23,400 lb (10,614 kg)	1				
	General Purpose Drop Over/Split Top 2.25-in H	CP1X225	2.25 in (5.72 cm)	17,000 lb (7,712 kg)	1				
Yellow Jacket®	Heavy Duty 5-Channel	YJ5-125	1 in (2.54 cm)	32,600 lb (14,787 kg)	5	 Dog Bone			
	Heavy Duty 5-Channel ADA	YJ5-125-ADA	1.325 in (3.37 cm)	21,000 lb (9,526 kg)	5				
	Heavy Duty 4-Channel	YJ4-125	1.25 in (3.18 cm)	32,600 lb (14,787 kg)	4				
	Heavy Duty 3-Channel	YJ3-225	2.125 in (5.4 cm)	28,420 lb (12,892 kg)	3				
	Heavy Duty 5-Channel - 3.75 in. Channel	YJ5-400	3.75 in (9.53 cm)	15,980 lb (7,248 kg)	5				
	Heavy Duty 1-Channel 5 in. Height	YJ1-500	5 in (12.7 cm)	18,780 lb (8,518 kg)	1				
	Extreme Crossover System 2-Channel	YJ2-400	3.75 in (9.53 cm)	800,000 lb (362,873 kg)	2				
	Heavy Duty 5-Channel AMS System	YJ5-125-AMS	1 in (2.54 cm)	32,600 lb (14,787 kg)	5			 Hourglass®	
	Heavy Duty 3-Channel AMS System	YJ3-225-AMS	2.25 in (5.72 cm)	28,420 lb (12,892 kg)	3				
Guard Dog®	General Purpose 5-Channel	GD5X125	1.325 in (3.37 cm)	21,000 lb (9,526 kg)	5	 Dog Bone			
	General Purpose 5-Channel ADA	GD5X125-ADA	1.325 in (3.37 cm)	21,000 lb (9,526 kg)	5				
	General Purpose 3-Channel	GD3X225	2.25 in (5.8 cm)	28,420 lb (12,892 kg)	3				
	Low Profile 5-Channel	GD5X75-ST	0.75 in (1.9 cm)	48,000 lb (21,772 kg)	5				
	Low Profile 5-Channel w/ ADA Ramps	GD5X75	0.75 in (1.9 cm)	68,000 lb (30,844 kg)	5				
	Low Profile 3-Channel	GD3X75-ST	0.75 in (1.9 cm)	34,000 lb (15,422 kg)	3				
	Low Profile 3-Channel w/ ADA Ramps	GD3X75	0.75 in (1.9 cm)	54,000 lb (24,492 kg)	3				
	Low Profile 2-Channel	GD2X75-ST	0.75 in (1.9 cm)	26,000 lb (11,792 kg)	2				
	Low Profile 2-Channel w/ ADA Ramps	GD2X75	0.75 in (1.9 cm)	46,000 lb (20,864 kg)	2				
	Low Profile 1-Channel	GD1X75-ST	0.75 in (1.9 cm)	26,000 lb (11,792 kg)	1				
	Low Profile 1-Channel w/ ADA Ramps	GD1X75	0.75 in (1.9 cm)	46,000 lb (20,864 kg)	1				
	General Purpose Drop Over 3-Channel	GD3-DO	1.325 in (3.37 cm)	21,000 lb (9,526 kg)	3				
Bumble Bee®	Light Duty 5-Channel with T-Connectors	BB5-125-T	1.25 in (3.18 cm)	12,000 lb (5,444 kg)	5	 T-Shaped			
	Light Duty 5-Channel with Dog Bone Connectors	BB5-125-D	1.25 in (3.18 cm)	12,000 lb (5,444 kg)	5			 Dog Bone	
Grip Guard®	Lightweight 5-Channel	GG5X125	1.25 in (3.18 cm)	10,000 lb (4,534 kg)	5	 Gripper			
	Lightweight 3-Channel	GG3X225	2.25 in (5.72 cm)	10,000 lb (4,534 kg)	3				
FastLane®	Lightweight 1-Channel Drop Over	FL1X1.5	0.50 in (1.27 cm)	2,100 lb (954 kg)	1	 L-Shaped			
	Lightweight 1-Channel Drop Over	FL1X4	1 in (2.54 cm)	2,100 lb (954 kg)	1				
	Lightweight 2-Channel Drop Over	FL2X1.75	1 in (2.54 cm)	2,100 lb (954 kg)	2				

 **WARNING:** This product can expose you to chemicals including carbon black, titanium dioxide, formaldehyde, and benzyl butyl phthalate, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Heavy Duty Cable Protectors

Linebacker® Series

- T-connector
- Checkers' most robust cable protection option
- High load-bearing capacity
- Ideal for: Mining, Oil & Gas, Military, Industrial Applications



Yellow Jacket® Series

- Dog Bone connector
- The "original" cable protector for over 30 years
- For heavy traffic areas
- Ideal for: Mining, manufacturing, material handling, construction



Medium Duty Cable Protectors

Guard Dog® Series

- Dog Bone connector
- General Purpose
- Low profile options
- Ideal for entertainment, sporting events, and public and commercial applications



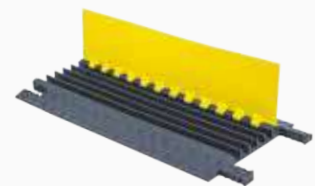
Bumble Bee® Series

- T-connector or Dog Bone connector
- Ideal for light industrial applications, entertainment venues, and general purpose



Grip Guard® Series

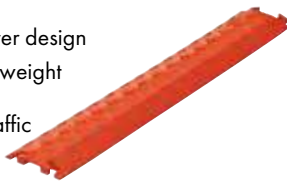
- Gripper connector
- Lightweight construction - as low as 12.75 lb
- Snap Fit™ hinged lid
- Ideal for public entertainment venues, and light commercial applications



Light Duty Cable Protectors

Fastlane® Series

- L-connectors
- Easy drop-over design
- Ideal for lightweight vehicles and pedestrian traffic



Rubber Duct Systems

- Easy to install
- Ideal for indoor office spaces and light pedestrian traffic



Quick Hook Overhead Protector

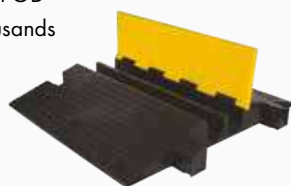
- Hang cables above workspace—holds up to 80 lb
- Installs in seconds to add and remove cords quickly
- Complies with over 15 cord related OSHA regulations



Hose Protection

Extreme Crossover Systems

- Protects cables & hoses up to 4.5 in OD
- Models available to withstand thousands of pounds gross vehicle weight
- Durable urethane construction is impact and abrasion resistant to trucks and falling rock
- Eliminates trenching cables



Diamondback® Hose Bridge System

- Protect large lines up to 6.5 in OD
- Urethane construction for durability
- Single or multiple tunnel systems available to customize to your needs



The ORIGINAL Ground Protection Mats

Don't be fooled by knock-offs!

Ground Protection Matting

- Whether you need temporary access through harsh environments or need to get your equipment through a yard without damage, Checkers has you covered
- Mats for any size equipment, any application—with the highest load bearing capacity available on the market
- Durable, weather-resistant mats available in a full range of options

AlturnaMATS®

VersaMAT®

TrakMAT®

LibertyMAT®



The Original Ground Protection Mats

Don't be fooled by knock-offs!

**AlturnaMATS® • VersaMAT®
TrakMAT® • LibertyMAT®**

For more than 30 years, Checkers has been the market leader for innovative ground protection. With the largest and most respected range of matting on the market, Checkers mats are durable and robust. Mats are offered in a variety of sizes, colors and traction surfaces ranging from rugged traction to low-profile pedestrian traction to smooth.



Why Use Ground Protection Mats?

Unmatched Turf Protection

Using ground protection mats helps to disperse heavy loads and minimize soil compaction, decreasing soil erosion and possible water contamination. The flexible construction follows the contours of the ground, delivering a highly effective solution on sloping or undulating ground conditions.



Superior Temporary Access

Ground protection mats get equipment safely through mud, sand, snow and swampland conditions. Access to and from remote sites and a stable work area are critical safety requirements in many industries, such as construction, landscaping, oil & gas, utilities, and civil engineering. Mats with pedestrian-friendly treads provide safe walking paths and temporary sidewalks.



Save Thousands Compared to Wood

Checkers™ HDPE Ground Protection Mats

Superior load capacity—up to 120 tons

Impressive traction and grip in any weather conditions

Flexible—conform to slopes and inclines

Weather resistant—no warping, splintering, or breaking

Reliable long term

VS



Plywood

No definitive load bearing rating

No traction; mud or ice buildup creates hazardous conditions for vehicles and personnel

Unsuitable for slopes or inclines

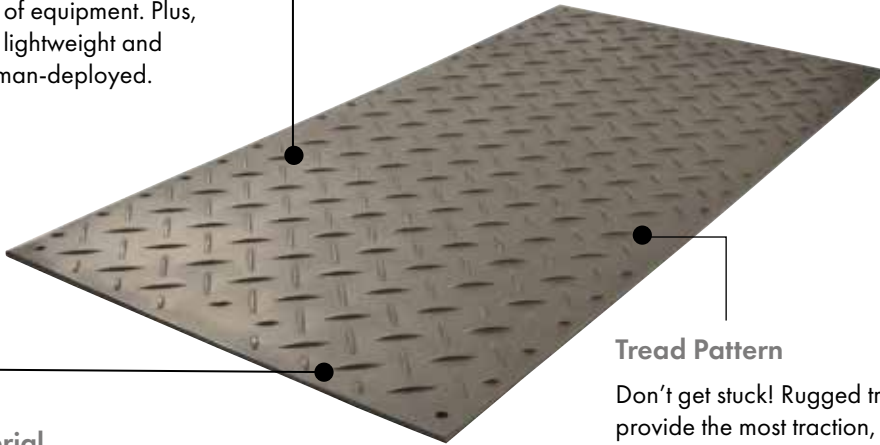
Absorbs water and liquids which accelerates rotting

Limited life span, resulting in a higher cost over time

Choose Your Matting Solution

Load Capacity

With load bearing up to 120 tons, mats provide secure solutions for a variety of equipment. Plus, they're lightweight and easily man-deployed.



Material

HDPE (high-density polyethylene) mats are unaffected by weather, plus chemical and oil resistant. The plastic is flexible, conforming to uneven ground conditions to provide a secure surface.

Tread Pattern

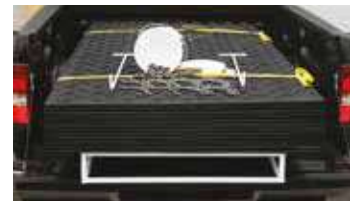
Don't get stuck! Rugged treads provide the most traction, even in wet or icy conditions. Lower profile treads are ideal for pedestrians or walkways. Choose optional smooth sides to further protect hard surfaces.



Optional hand holes make handling easy.




Clear mats let the sun shine through to prevent browning of grass.



Available in convenient Mat-Pak bundles, complete with accessories.

A Complete Line of HDPE Mats

				
	AlturnaMATs®	VersaMAT®	TrakMAT®	LibertyMAT®
Rugged, durable HDPE mats with a complete range of options	Aggressive diamond cleat tread ideal for heavy vehicle traffic	Low-profile flat oval tread ideal for pedestrian applications	Power cylinder tread improves grip, ideal for large vehicles	Chevron traction tread is less aggressive to keep sensitive turf intact
Load bearing capacity*	120 tons	120 tons	90 tons	80 tons
Surface tread	Two standard options: Diamond cleat (both sides) or Diamond cleat / smooth	Two standard options: Flat oval / diamond cleat or Flat oval / smooth	Two standard options: Power cylinder nub (both sides) or Power cylinder nub / smooth	Chevron traction (both sides)
Available sizes	2 x 4 ft, 2 x 6 ft, 2 x 8 ft; 3 x 6 ft, 3 x 8 ft; 4 x 8 ft	2 x 8 ft, 3 x 8 ft, 4 x 8 ft	22 in x 8 ft, 3 x 8 ft, 44 in x 8 ft	4 x 8 ft
Available colors	Black or Clear	Black or Clear	Black or Cool Green	Black
Hand holes	Optional	Optional	Standard	Standard
Warranty	Limited lifetime	Limited lifetime	6 year limited warranty	1 year limited warranty

* Load bearing capacity is subject to ground conditions. Sizing is subject to a manufacturing variance of +/- 5%.

Matting Accessories

- Handi-Hook makes moving and retrieving mats easy, even in wet areas
- Connectors lock mats together to form a semi-permanent, yet portable continuous roadway, walkway or working platform



Mud-Traks® Ground Protection Mats

- Strength, durability and longevity to get through the harshest terrain
- Solid fiberglass grid structure channels tire load throughout the mat—rigid surface does not roll up, break or splinter
- Peak strength of 63,000 psi—very rigid, ideal for heavy multi-wheeled equipment with rubber tires (no steel tracks)



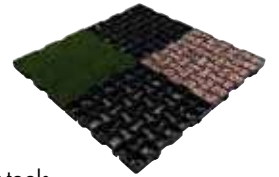
Outrigger Pads

- Safe, efficient support for heavy equipment with outrigger arms
- High load capacity fully supports vehicles and cranes without warping or splintering
- Ideal for construction vehicles, cranes, utility vehicles and more



GeoGrid Cellular Paving System

- Permanent ground reinforcement and stabilization system—grid design disperses rain and flood water to fight erosion
- Ideal for pedestrian areas, car parks, access routes, driveways and more
- Sections interlock for fast installation without tools



Wheel Chocks

- Checkers™ has been a leader in developing reliable wheel chocks, setting the standard for wheel chock safety worldwide
- Checkers offers a chock for nearly every type of tire-based vehicle, satisfying the needs across a wide range of industries
- High-quality chocks prevent accidental vehicle movement to ensure a safe work environment



Chocks You Can Trust

Since the mid 1980s, Checkers has led the way in developing reliable wheel chocks for a wide range of industries. With advanced engineering and manufacturing techniques, we have set the standard for wheel chock safety worldwide.

Checkers Wheel Chocks comply with the safety requirements of a variety of industries and ensure a safe working environment while your vehicles are at rest. Offered in a variety of styles, our wheel chocks provide a safe chocking solution for any type of vehicle. Whether you are chocking a fully-loaded 400-ton haul truck or a utility trailer, we have the wheel chocks you need to safely secure your vehicle and meet compliance standards.

Checkers Wheel Chocks have been field-tested by experts under various conditions to prove our products prevent non-motorized, uncontrolled movement of on and off-road vehicles. Specific models of our Checkers Wheel Chocks meet specifications required by MSHA (Mine Safety and Health Administration), OSHA (Occupational Safety and Health Administration), SAE (Society of Automotive Engineers), NFPA (National Fire Protection Agency), and the DOT (Department of Transportation).



Advantages of Checkers Wheel Chocks

- One of the largest manufacturers of wheel chocks in the world, with a chock for virtually every type of tire-based vehicle
- Recognized for quality, Checkers wheel chocks are the most popular chocks in the highly-demanding mining industry
- High visibility safety colors available on most wheel chocks
- Polyurethane and urethane chocks offer durability and long-term cost savings over aluminum, rubber or wood chocks
- Wheel chocks available to satisfy compliance standards: MSHA, OSHA, SAE, NFPA, or DOT
- Recessed carrying handles included on most models
- Mounting brackets available for most models
- Customizable! Most aviation chocks can be customized to reflect your company's unique identity with custom colors and logos (available on 6800, 4600, and 3500 series chocks)

Why Choose Polyurethane/Urethane Chocks?

- Resistant to extreme weather and harsh working conditions
- Offers strength and flexibility while resisting cracking, tearing, and abrasions
- Extremely lightweight compared to excessive steel, aluminum, and rubber counterparts
- Long-lasting—less susceptible to damage or deterioration for long-term cost savings
- Engineered to reduce damage to your vehicle's tires
- Oil and chemical resistant



Choosing The Right Model

Tire Diameter

Be sure to pick the necessary Checkers wheel chock based upon your vehicle's tire diameter.

Surface

Know what type of ground you will be placing your wheel chock on when making your selection. Whether it's a gravel or paved surface, Checkers manufactures wheel chocks that adhere to all types of surfaces.



Gross Vehicle Weight

Be sure you understand the vehicle's gross operating weight to ensure you select the correct wheel chock for your specific requirement.

Heavy Duty MC Series

- Polyurethane construction
- Ideal for heavy equipment, underground mining vehicles, and large military tactical vehicles
- Meets MHSA specifications
- Mounting hole for ropes or chains



All-Terrain AT Series

- Lighter weight polyurethane construction
- Ideal for underground mining vehicles, fire engines and trucks, and large utility vehicles
- Complies with SAE-J348, NFPA 1901, and NFPA 1906 Standards
- Chocking protocols imprinted on back of chock
- Mounting hole for ropes or chains



General Purpose UC Series

- Impact-absorbing, lightweight urethane
- Ideal for over the road trucks, trailers, pickups, and utility vehicles
- Includes recessed carrying handle and mounting hole for ropes, chains or brackets
- 3rd party tested, certified and trusted by fleets globally



Aviation Chocks

- Impact-absorbing, lightweight urethane
- Ideal for private, commercial, cargo and military aircraft
- Won't splinter or crack, eliminating Foreign Object Debris (aviation) or Foreign Object Damage (military)
- Rope-lock system & optional rope carrying handle



Rubber Chocks

- Durable rubber construction resists weather damage
- Easy to use—position either side against tire
- Ideal for keeping truck trailers in place during loading or unloading



Wheel Chock Reference Guide

We Have Set The Standard

Checkers is the first manufacturer to test and certify our wheel chocks to provide an easy to use Wheel Chock Reference Guide.

Using This Guide

- Select wheel chocks based on the Gross Vehicle Operating Weight and Tire Diameter of the vehicle.
- The Wheel Chock Reference Guide is based on testing results of 8% grade roads.
- The end user must test wheel chocks for each application as many variables exist.

Tire Diameter Range

	Up to 32" Diameter (81.3 cm)	Up to 35" Diameter (88.9 cm)	Up to 38" Diameter (96.5 cm)	Up to 46" Diameter (116.8 cm)	Up to 65" Diameter (165.1 cm)	Up to 95" Diameter (241.3 cm)	Up to 105" Diameter (266.7 cm)	Up to 142" Diameter (360.7 cm)	Up to 165" Diameter (419.1 cm)
Gross Vehicle Operating Weight	Up to 30,000 lb. (13,608 kg)	UC1700/ UC1400-4.5	UC1700	UC1500-4.5	UC1500-4.5	MC3009/ UC1210	MC3010	—	—
	Up to 40,000 lb. (18,144 kg)	UC1600/ UC1400-6	UC1600	UC1500-6	UC1500-6	MC3009/ UC1210	MC3010	MC3010	—
	Up to 50,000 lb. (22,680 kg)	UC1400-6	UC1500-4.5	UC1500-6	UC1500-6	MC3009/ UC1210	MC3010	MC3010	—
	Up to 60,000 lb. (27,216 kg)	UC1500-4.5/ UC1400-6	UC1500-4.5	UC1500-6/ AT3512	UC1500-6/ AT3514	MC3009/ UC1210	MC3010	MC3010	—
	Up to 70,000 lb. (31,751 kg)	UC1500-6	UC1500-6	AT3512	AT3514	MC3009/ UC1210	MC3010	MC3010	—
	Up to 80,000 lb. (36,287 kg)	AT3512	AT3512	AT3512	AT3514	MC3009/ UC1210	MC3010	MC3010	—
	Up to 150,000 lb. (68,039 kg) *35 ton	—	—	—	AT3514	MC3009/ UC1210	MC3010	MC3010	MC3012
	Up to 245,000 lb. (111,130 kg) *70 ton	—	—	—	MC3009	MC3009/ UC1210	MC3010	MC3010	MC3012
	Up to 366,000 lb. (166,015 kg) *100 ton	—	—	—	—	MC3010	MC3010	MC3010	MC3012
	Up to 550,000 lb. (249,476 kg) *165 ton	—	—	—	—	MC3010	MC3010	MC3010	MC3012
	Up to 855,000 lb. (387,821 kg) *240 ton	—	—	—	—	—	MC3012	MC3012	MC3012
	Up to 1,600,000 lb. (725,748 kg) *400 ton	—	—	—	—	—	MC3011	MC3011	MC3011
									MC3011 (Min. 4 Required)



Wheel Chocks In Action & Comparisons



Four Checkers Wheel Chocks, model MC3011 used on CAT 797

Urethane vs. Aluminum: Wheel Chocks

Polyurethane and Urethane Wheel Chocks are:

- Made with high visibility yellow and orange safety colors
- Not painted and will not chip, scratch or peel
- Constructed from a high impact absorbing urethane
- User friendly with molded-in user guidelines in English on all models, and in English, Spanish, and French on the MC3011
- Easy to transport with molded-in carrying handle (no sharp or jagged edges)
- Not a risk of theft for scrap metal
- Available with anti-skid rubber traction pads on MC and AT series
- No threat of tire puncture
- Non-conductive



Checkers Aviation Chocks model AC4614-LR used with HH-60G Pave Hawk

Urethane vs. Wood: Aviation Wheel Chocks

Urethane Aviation Wheel Chocks are:

- Maintenance free
- Weather & abrasion resistant - will not rot, crack or split like wood
- Resistant to fuels, oils & lubricants
- Not painted, and will not chip, scratch or flake
- Constructed from high impact absorbing urethane
- Available with anti-skid rubber traction pads
- Lightweight and will not get waterlogged, heavy, or hard to handle like wood
- Easy to transport with built-in carrying handle
- Available with optional mounting brackets
- Foreign Object Debris (FOD) Compliant



Urethane vs. Rubber: Wheel Chocks

Urethane Wheel Chocks are:

- Lighter weight
- Weather & abrasion resistant - will not dry rot, crack, or chip like rubber
- High load bearing capacity
- Resistant to fuels, oils & lubricants
- Constructed from a high impact absorbing urethane
- Engineered and built to last longer
- Easy to transport with built-in carrying handle
- Available with optional mounting brackets

CEMO CUBE

Stationary tank systems for diesel PG 4

Diesel tank dispensing system, Basic and Premium

with general construction inspection certification no. Z-40.21-510

- comprising integrated bund
- visual bund alarm
- tanker coupling
- electronic overfill sensor
- vent
- analogue contents gauge
- suction hose
- 230V pump 56 L/min (72 L/min on 2,500 L versions)
- 4 m delivery hose
- automatic nozzle with integral nozzle holder
- certified for outdoor installation with hinged lid (outdoor model)
- completely assembled



CUBE diesel tank 1,500 L Outdoor

CUBE diesel tank 2,500 L Indoor Basic

CEMO CUBE diesel tank 2,500 litre Outdoor Premium

- K33 meter
- filter with water separator
- hose reel with 8 m hose DN 19

Order no. 10299

TOP SELLER

CEMO CUBE diesel tank

Description	Capacity L	External dimensions cm (wxdxh)	Weight approx. kg	Order no.
Indoor Basic 4 m dispensing hose DN 19, without hinged lid	1000	120 x 80 x 174	135	131.420.017
	1500	120 x 115 x 174	165	131.420.001
	2500	120 x 180 x 174	220	131.420.002
Outdoor Basic 4 m dispensing hose DN 19, with hinged lid	1000	120 x 80 x 180	150	131.420.003*
	1500	120 x 115 x 180	180	131.420.004*
	2500	120 x 180 x 180	235	131.420.005**
Outdoor Premium K33 flow meter, cartridge filter with water separator, hose reel with 8 m hose DN 19, with hinged lid	1000	120 x 80 x 180	170	131.420.006*
	1500	120 x 115 x 180	200	131.420.007*
	2500	120 x 180 x 180	255	131.420.008**
CUBE-Tank Extension I Indoor: CUBE-Tank with integrated bund, with visual bund alarm, filling connection with tanker coupling and overfill prevention sensor, vent, analogue contents gauge, suction hose with connection kit to first tank, completely assembled	1500	120 x 115 x 174	155	131.420.014
	2500	120 x 180 x 174	210	131.420.009
CUBE-Tank Extension I Outdoor: same as CUBE-Tank Extension I Indoor, incl. with hinged lid	1500	120 x 115 x 180	170	131.420.012
	2500	120 x 180 x 180	225	131.420.016
CUBE-Tank Extension II Indoor: same as CUBE-Tank Extension I Indoor, only with connection to CUBE-Tank Extension II	1500	120 x 115 x 174	155	131.420.015
	2500	120 x 180 x 174	210	131.420.010
CUBE-Tank Extension II Outdoor: same as CUBE-Tank Extension II Indoor, incl. with hinged lid	1500	120 x 115 x 180	170	131.420.013
	2500	120 x 180 x 180	225	131.420.011

* with electric pump 56 L/min ** with electric pump 72 L/min (pump output in free flow. Please note that the pump output

can fall sharply depending on the length and cross-sectional area of the hose.)

CEMO CUBE diesel filling station 5,000 L PG 4

**Diesel tank dispensing system,
Outdoor Basic and Outdoor Premium
with general construction inspection
Z-40.21-565**

- with integrated bund
- with visual bund alarm
- filling connection with tanker coupling and overfill prevention sensor
- vent
- contents gauge
- suction hose
- pump 230 V, 72 L/min*
- automatic nozzle with integral nozzle holder
- with hinged lid certified for outdoor installation
- completely assembled



CUBE diesel tank
5,000 L,
Outdoor Basic

CUBE diesel tank 5,000 L, Outdoor Premium



TOP SELLER

CUBE diesel tank 5,000 L Outdoor Premium

- capacity 5,000 litre
- pump 230 V
- K33 flow meter, filter with water separator, hose reel with 8 m hose, with hinged lid

Order no. 11079



CUBE DIESEL TANK 5,000 L

Description	Capacity L	External dimensions cm (w x d x h)	Weight approx. kg	Order no.
Outdoor Basic 4 m dispensing hose DN 25, with hinged lid	5,000	240 × 230 × 185	205	131.424.002
Outdoor Premium K33 flow meter, cartridge filter with water separator, hose reel with 8 m hose DN 25, with hinged lid			230	131.424.001
<u>CUBE-Tank Extension I Outdoor</u> CUBE-Tank with integrated bund, with visual bund alarm, filling connection with tanker coupling and overfill prevention sensor, vent, contents gauge, suction hose with connection kit to first tank, completely assembled			201	1131.424.003
<u>CUBE-Tank Extension II Outdoor</u> same as CUBE-Tank Extension I Outdoor, only with connection to CUBE-Tank Extension II			201	131.424.004

CEMO DT MOBIL EASY 200, 460 and 600 L PG 4

ADR CERTIFIED



DT-Mobil EASY 600 L with electric pump, automatic nozzle and hinged lid



DT-Mobil EASY 200 L with electric pump, automatic nozzle and hinged lid



DT-Mobil EASY with ADR certification

certified for transport under ADR, examination every 2 ½ years according to ADR 6.5.4.4.1 b) and ADR 6.5.4.4.2 b).*** Completely assembled.

Container:

- 200 L, 460 L or 600 L polyethylene, single-walled
- with hinged lid (200 L version)
- with crane eyes (460 L and 600 L version)
- integral filler neck
- filler cap with vent and breather valves
- integral forklift pockets and handles
- integral recesses (200 L) or loops (460 L and 600 L) for securing with ratchet straps during transport

Pre-fitted pump:

- self-priming, pump 12 V or 24 VDC, 25 or 40 L/min, with automatic nozzle, 4 m dispensing hose DN 19 and 4 m electrical cable
- submersible pump CENTRI SP30, 12 V, 30 L/min, extremely quiet, with automatic nozzle, 4 m dispensing hose DN 19 and 4 m electrical cable
- hand pump 25 L/min, 2.7 m dispensing hose DN 19 and manual nozzle

*** Transport certification for all plastic IBCs is limited to a life of 5 years. The 200 L model is therefore also certified for transport for direct consumption under ADR 1.1.3.1 c). Please note that transport certification for all plastic IBCs is limited to a period of 5 years.

DT-MOBIL EASY WITH ADR CERTIFICATION

Description/Capacity	Dimensions in cm (l x w x h)	Weight approx. kg	Order no.
200 L with hand pump, manual nozzle and hinged lid	80 x 62 x 61	26	131.411.121
200 L with submersible pump CENTRI SP30, 12 V, 30 L/min, automatic nozzle and hinged lid	80 x 62 x 61	24	131.411.166
200 L with pump 12 V, 40 L/min, automatic nozzle and hinged lid	80 x 62 x 61	28	131.411.122
200 L with pump 24 V, 40 L/min, automatic nozzle and hinged lid	80 x 62 x 61	28	131.411.168
460 L without pump, with quick coupling for vehicles with integrated suction pump	116 x 80 x 81	42	131.411.200
460 L with pump 12 V, 40 L/min and automatic nozzle	116 x 80 x 81	47	131.411.201
460 L with pump 24 V, 40 L/min and automatic nozzle	116 x 80 x 81	47	131.411.202
460 L with pump 12 V, 40 L/min, automatic nozzle and hinged lid	116 x 80 x 86	60	131.411.165
460 L with pump 24 V, 40 L/min, automatic nozzle and hinged lid	116 x 80 x 86	60	131.411.203
600 L without pump, with quick coupling for vehicles with integrated suction pump	116 x 80 x 102	48	131.411.123
600 L with pump 12 V, 40 L/min and automatic nozzle	116 x 80 x 102	53	131.411.124
600 L with pump 24 V, 40 L/min and automatic nozzle	116 x 80 x 102	53	131.411.125
600 L with pump 12 V, 40 L/min, automatic nozzle and hinged lid	116 x 80 x 107	66	131.411.126
600 L with pump 24 V, 40 L/min, automatic nozzle and hinged lid	116 x 80 x 107	66	131.411.127

CEMO petrol trolley 60 and 95 L PG 4

- suitable for use under ADR 1.1.3.1 c) for single site refuelling by a person in the course of their main business
- container constructed from high density electrically conductive polyethylene to eliminate static
- flashback arrester
- integral grip and carry handles
- filling cap with integral breather valve
- delivery hose with stop valve
- handpump 25 L/min and nozzle
- with pump 12V, 25 L/min, automatic nozzle, 4.1 m cable with battery terminals
- trolley 95 L: 300mm diameter pneumatic tyres, air-filled, all-terrain; 3.2m conductive dispensing hose
- trolley 60 L: 240mm diameter plastic tyres; 2.7 m conductive dispensing hose
- internal baffle
- integral nozzle holder
- trolley 95 L: moulded recesses for strapping during transport



60 L with hand pump



95 L with hand pump



95 L with electric pump



Flashback arrester

Description/Capacity		Dimensions in cm (l x w x h)	Weight approx. kg	Order no.
Petrol trolley Ex0*** 60L, with hand pump		90 x 53 x 38	18	131.440.100
Petrol trolley Ex0*** 95L, with hand pump		100 x 59 x 43	20	131.411.160
Petrol trolley Ex0*** 60L, with electric pump		90 x 53 x 38	20	131.440.102
Petrol trolley Ex0*** 95L, with electric pump		100 x 59 x 43	22	131.440.106

* explosion-suppressing insert *** with flashback arrester

CEMO KS MOBIL EASY 120 and 190 L PG 4

ADR CERTIFIED

KS-MOBIL Easy 120 L and 190 L certified for transport under ADR certification no. D/BAM 14341/31H2

Examinations every 2½ years corresponding ADR 6.5.4.4.1 b*** and ADR 6.5.4.4.2.b. Completely assembled.

Container:

- single-walled 120 L or 190 L
- electrically conductive highly cross-linked polyethylene
- patented flame suppressant filling
- dipstick for checking fill level
- integral dispensing nozzle holder
- integral filler neck
- integral vent and pressure relief
- integral forklift pockets
- integral handles
- integral recesses for ratchet straps during transport

Pre-fitted pump:

- 25 L/min hand pump, 2.7 m dispensing hose (statically conductive) and manual nozzle
- self-priming pump 12V DC 25 L/min or 230V AC 40 L/min, ATEX-certified, automatic dispensing nozzle, 4 m filling hose (statically conductive) and 5 m electrical cable (pump 230V without cable)

KS-MOBIL Easy 190 L with hand pump and hinged lid



KS-MOBIL Easy 120 L with pump 12V



Explosion-suppressing insert (patent protected), hence no explosive atmosphere inside the container (120 L and 190 L)

*** The transport certification for all plastic IBCs is limited to 5 years.

HYDROGEL DRESSINGS

WATERJEL® IS THE FIRST ELEMENT OF ASSISTANCE
FOR BURNS IN EMERGENCY AND HOSPITAL TREATMENT



The most important part of the body to protect from burns is the face. There we have the 5 senses that make up our identity. The mask contains cut-outs for the eyes and mouth, allowing us to expose these parts, breathe and blink our eyelids. Mask This can even be used in intubated patients.



FACE DRESSING WATER-JEL

CERTIFICATES



IIB CLASS MEDICAL

Water-Jel face dressing with cut-out holes for the nose and eyes, cools the face immediately after application, relieves pain and protects against wound contamination. Easy to transport, store and use. It consists of an odourless cooling gel and a carrier (non-woven polyester) for medical use. The gel, which contains hyaluronic acid, is based on an aqueous base and therefore dissolves easily in it. It does not stick to wounds and can be applied directly to the wound. It has broad-spectrum antibacterial, antifungal, anti-yeast and anti-mould activity. It does not contain benzene. The consistency of the gel is transparent, which makes it easy to assess the condition of the burn without having to remove it from the wound. The packaging shows the % TBSA/CPC. It has a positive opinion of the Burn Treatment Centre in Siemianowice Śląskie. Sterile dressing.



PRODUCT CODE

112.100.600

Body coverage

7%

dimension

30 x 40 cm



HYDROGEL DRESSINGS

WATER-JEL

CERTIFICATES

As soon as it is applied to the burned area, the Water-Jel dressing cools the area, relieves pain and protects against wound contamination while stopping the burn process. It consists of an odourless cooling gel and a carrier (non-woven polyester) for medical use. The gel, which contains hyaluronic acid, is based on an aqueous base and therefore dissolves easily in it. It does not stick to wounds and can be applied directly to it. It has broad-spectrum antibacterial, antifungal, anti-yeast and anti-mould properties. It does not contain benzene. The consistency of the gel is transparent, which makes it easy to assess the condition of the burn, without the need for a dressing.

easy to remove from the wound. Easy to transport, store and use. It is NSN-numbered and is the only dressing in the world suitable for all types of thermal burns without causing hypothermia. The packaging indicates the % TBSA/CPC. It has a positive opinion of the Burn Treatment Centre in Siemianowice Śląskie. Dressing packed sterile, clinically tested, remains safe for eyes and mucous membranes. Sterile product, compatible with the pH of human skin, safe for children, infants and the elderly with no allergic or skin reactions. Easy to store at room temperature.



PRODUCT CODE	112.100.100	112.100.200	112.100.300	112.100.400
Body coverage	1%	1%	2%	5%
dimension	5 x 15 cm	10 x 10 cm	10 x 40 cm	20 x 45 cm



WIRED

ON THE HAND

CERTIFICATES

The specially cut dressing allows you to wrap your hands and burned fingers. Immediately applied to the burned area, it cools it, relieves pain and protects against wound contamination. The gel, which contains hyaluronic acid, is based on an aqueous base and therefore dissolves easily in it. It does not stick to wounds and can be applied directly to it. It has been given an NSN number and is the only dressing in the world suitable for use on all types of thermal burns without causing hypothermia. The packaging indicates the % TBSA/CPC. The dressing is approved by the Burns Treatment Centre in Siemianowice Śląskie. Sterile dressing.



PRODUCT CODE	112.100.500
Body coverage	3%
dimension	20 x 55 cm

HYDROGEL BLANKETS

PREVENTS HYPOTHERMIA. ABSORBS EXCESS HEAT FROM THE TISSUES THROUGH THE PROCESS OF HEAT CONDUCTION



WATER-JEL BLANKETS

CERTIFICATES



It combines a scientifically formulated gel and a specially prepared backing material, together creating a simple and effective first aid system for burns. The gel contains emollients, is biodegradable, has protective properties and is water-soluble, so the blanket can be easily removed from the wound without irritating it. The supporting fibre is worsted wool, which has the ability to absorb cooling gel at 13 times its weight. The Water-Jel blanket is used primarily for people with extensive burns. Immediately after wrapping the victim, the blanket is wrapped around him.

The burned area is cooled. It also evens out the temperature of the skin while relieving pain. It is commonly used as a shield against fire and high temperatures. It can serve as an effective evacuation aid from a burning building, allowing people to escape. It has been given an NSN number and is the only one in the world that can be applied to all types of thermal burns without causing hypothermia. It has a positive opinion of the Burns Treatment Centre in Siemianowice Śląskie



PRODUCT CODE	112.110.350	112.110.250	112.110.300	112.110.200	112.110.100
packaging	BAG	BAG	CANISTER	CANISTER	CANISTER
dimension	91 x 76cm	183 x 152cm	91 x 76 cm	183 x 152 cm	244 x 183 cm

GELS

By rapidly cooling the burn wound, the extent of thermal destruction of the skin tissue can be significantly reduced. One of the main effects of the gel is to interrupt the destructive effect of the heat. After a burn, excess heat remains in the deeper layers of the skin.



WATER-JEL GELS



CERTIFICATE

For burns of small extent, the gel in a bottle can be used successfully. Their mode of action and composition is based on the same technology as that used in burn dressings and blankets. Immediately after application to the burned area, the gel reduces pain and cools the skin. It has an aseptic effect and provides

excellent barrier against heat-causing agents. The packaging is a handy dispensing bottle. Ideal for kitchen burns in domestic and industrial kitchens. Very useful in first aid kits at home and in factories.



PRODUCT CODE	112.120.340	112.120.500	112.120.120	112.120.240
packaging	PACKAGE	BOTTLE	BOTTLE	BOTTLE
capacity	3 x 4 g	50 ml	120 ml	240 ml

DRESSINGS FOR UNIFORMED SERVICES



DRESSINGS FOR BURNS

CERTIFICATES



Easy to transport, store and use. It consists of a cooling gel and a carrier (non-woven polyester) for medical use. The Water-Jel dressing cools the burned area immediately after application, relieves pain and protects against wound contamination. The gel with which the dressing is soaked is water-based and therefore dissolves easily in water. It does not stick to wounds and can be applied directly to the wound. The camouflage colour of the pack

wrap ensures that the inscriptions on the pack are visible through the noctowizor. It has been given an NSN number and is the only dressing in the world suitable for use on all types of thermal burns without causing hypothermia. The dressing is also recommended for use on white phosphorus burns. The % TBSA/CPC is indicated on the packaging. It has a positive opinion of the Burn Treatment Centre in Siemianowice Śląskie.



PRODUCT CODE	112.101.200	112.101.300	112.101.400	112.101.600
dimension	10 x 10 cm	10 x 40 cm	20 x 45 cm	49 x 28 cm



BURN BLANKETS

CERTIFICATE
S



IIB MEDICAL CLASS

It combines a scientifically formulated gel and a specially prepared wearable material, together creating a simple and effective first aid system for burns. The gel contains emollients, is bio-degradable, has protective properties and is water-soluble, so the blanket can be easily removed from the wound without irritating it. The backing fibre is chequered wool, which has the ability to absorb cooling gel at 13 times its weight. The Water-Jel blanket is used primarily for patients with extensive burns. It cools the burned area immediately after wrapping it around the injured person. It also evens out the temperature.



the skin, while relieving pain. It is commonly used as a shield against fire and high temperatures. It can serve as an effective evacuation aid from a burning building, allowing people to escape. The camouflage colour of the pack ensures that the lettering on the pack is visible through night vision. It has been given an NSN number and is the only one in the world suitable for use on all types of thermal burns without causing hypothermia. It is also recommended for use on white phosphorus burns. The % TBSA/CPC is indicated on the dressing. It has a positive opinion of the Burn Treatment Centre in Siemianowice Śląskie.

PRODUCT CODE	112.111.250	112.111.300	112.111.200
packaging	BAG	CANISTER	CANISTER
capacity	183 x 152 cm	91 x 76 cm	183 x 152 cm



MILITARY KIT

CERTIFICATES



IIB CLASS
MEDICAL

MILITARY KIT	112.130.101
COMPOSITION OF THE KIT	Product code
1x Blanket 91 x 76 CM IN BAG	112.110.350
1x Wrap 20 x 45 CM	112.100.400
1x Wrist bandage 20 x 55 CM	112.100.500
2x WRAP 10 x 40 CM	112.100.300
2x face bandage 30 x 40 CM	112.100.600
1x BANDAG	
4x KNIGES	



Designed for burns, facilitates rapid first-aid treatment of burns to the face and hands. Dedicated for military use.

DRESSING SETS



CATERING KITS

CERTIFICATES



IIB CLASS MEDICAL

CATERING KIT 01

CATERING KIT 02



CATERING KIT 01 112.130.231

COMPOSITION OF THE KIT	Product code
1x bandage 5 x 15 CM	112.100.100
1x Wrap 10 x 10 CM	112.100.200
2x PACK 3 x 4 G	112.120.340
1x BANDAG	112.999.906
1x Burn Gel 240 ML	112.120.240
1x Burn Blanket 91 x 76 CM	112.130.211

CATERING KIT 02 112.130.241

COMPOSITION OF THE KIT	Product code
1x HAND DISINFECTING GEL	112.170.240
1x bandage 5 x 15 CM	112.100.100
1x Wrap 10 x 10 CM	112.100.200
2x PACK 3 x 4 G	112.120.340
1x BANDAG	112.999.906
1x Burn Gel 240 ML	112.120.240
1x Burn Blanket 91 x 76 CM	112.130.211



WALL SETS

CERTIFICATES



IIb CLASS MEDICAL

LARGE SET



LARGE SET 112.130.201

COMPOSITION OF THE KIT	Product code
2x WRAP 10 x 10 CM	112.100.200
2x WRAP 20 x 40 CM	112.100.300
1x Face dressing 30X40 CM	112.100.600
1x Bottle 60 ML	112.120.600
1x vial 5 X 4 G	112.120.540
2x BANDAGE	112.999.906
1x SCISSORS	

SMALL SET



SMALL SET 112.130.221

COMPOSITION OF THE KIT	Product code
2x WRAP 5 x 15 CM	112.100.100
2x WRAP 10 x 10 CM	112.100.200
1x 3 x 4 G cassette	112.120.540
2x BANDAGE	112.999.906

HYDROGEL BLANKET



HYDROGEL BLANKET 112.130.211

COMPOSITION OF THE KIT	Product code
1x HYDROGEL blanket	112.110.350



SETS IN BAGS

CERTIFICATES



IIB CLASS MEDICAL

CRITICAL KIT

Designed for critical burns, facilitates rapid first aid to adults or children for burns to the face and hands. Intended for use by emergency and medical services.

CRITICAL KIT		112.130.111
COMPOSITION OF THE KIT		PRODUCT CODE
2x WRAP 10 x 10 CM		112.100.200
1x Face dressing 30 x 40 CM		112.100.600
2x Wrist bandage 20 x 55 CM		112.100.500
2x BANDAGE		112.999.906
1x SCISSORS		112.999.905



AMBULANCE KIT



AMBULANCE KIT		112.130.121
COMPOSITION OF THE KIT		PRODUCT CODE
1x Blanket 91 x 76 CM		112.100.200
1x Wrist bandage 20 x 55 CM		112.100.500
1x Wrap 20 x 45 CM		112.100.400
2x WRAP 10 x 40 CM		112.100.300
1x Face dressing 30 x 40 CM		112.100.600
4x BANDAGE		112.999.906
1x SCISSORS		112.999.905

INDUSTRY KIT



INDUSTRIAL KIT		112.130.151
COMPOSITION OF THE KIT		PRODUCT CODE
2x WRAP 5 x 15 CM		112.100.100
1x Wrap 10 x 40 CM		112.100.300
2x WRAP 10 x 10 CM		112.100.200
1x Face dressing 30 x 40 CM		112.100.600
1x Burn Gel 50 ML		112.120.500
1x BANDAG		112.999.906
1x SCISSORS		112.999.905

FIREFIGHTER SET, LARGE

FIREFIGHTER SET, LARGE	112.130.182
COMPOSITION OF THE KIT	PRODUCT CODE
2x face bandage 30 x 40 CM	101.100.600
5x WRAP 20 x 45 CM	112.100.400
2x Wrist bandage 20 x 55 CM	112.100.500
1x Wrap 10 x 10 CM	112.100.200
2x BANDAGE	112.999.906
1x SCISSORS	112.999.905



SMALL SET



SMALL SET	112.130.141
COMPOSITION OF THE KIT	PRODUCT CODE
2x WRAP 5 x 15 CM	112.100.100
2x WRAP 10 x 10 CM	112.100.200
1x Burn Gel 50 ML	112.120.500
1x GEL IN SASET 3 x 4 G	112.120.340

CATERING SET

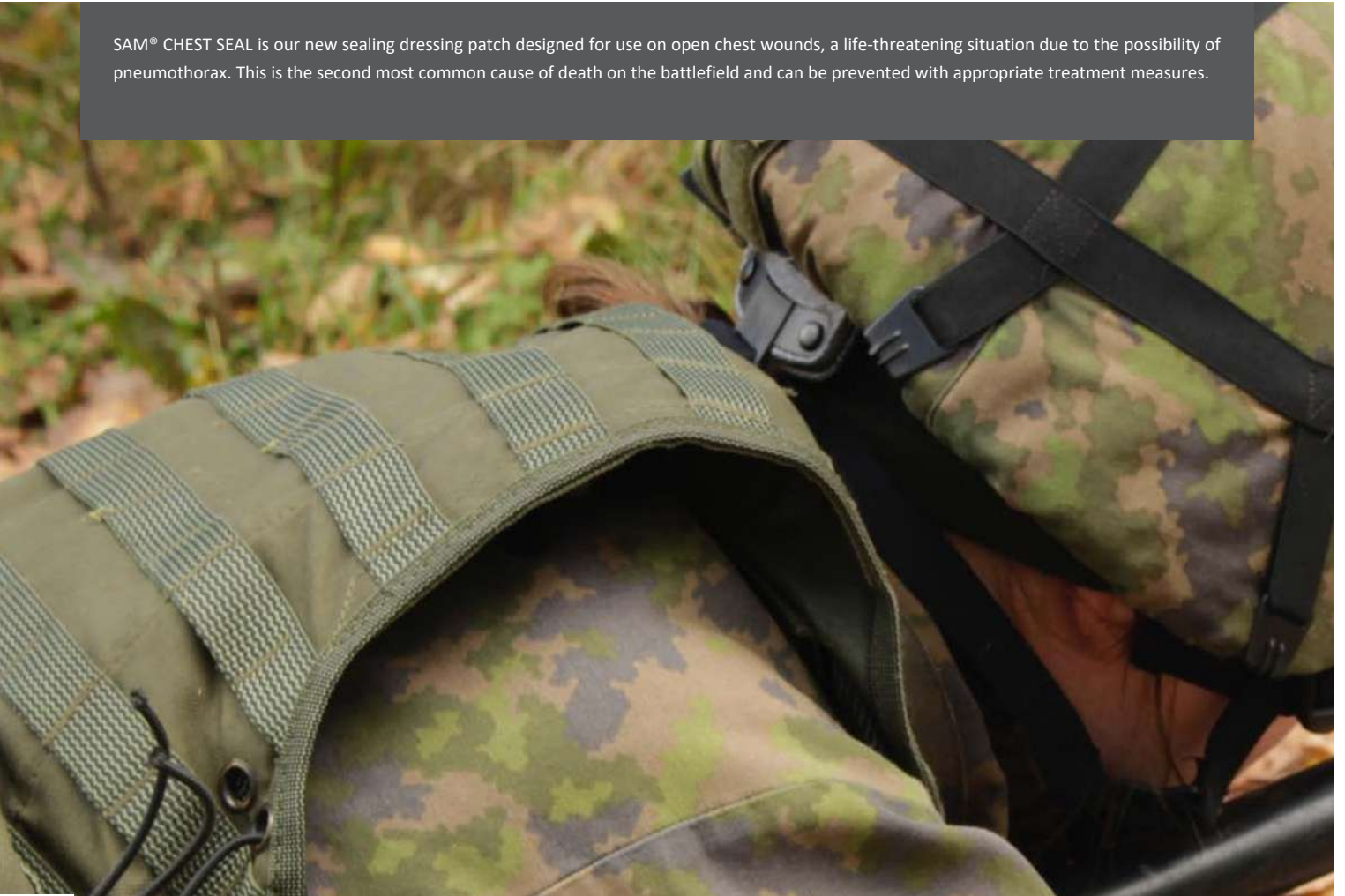


CATERING SET	112.130.161
COMPOSITION OF THE KIT	PRODUCT CODE
1x Wrap 10 x 10 CM	112.100.200
2x WRAP 5 x 15 CM	112.100.100
1x Wrap 10 x 40 CM	112.100.300
1x GEL IN A BOTTLE 60 ML	112.120.600
1x BANDAG	112.999.906
1x SCISSORS	112.999.905

DRESSINGS FOR GUNSHOT WOUNDS

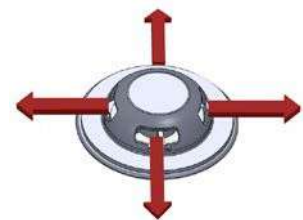
SEALING BANDAGE FOR OPEN CHEST WOUNDS

SAM® CHEST SEAL is our new sealing dressing patch designed for use on open chest wounds, a life-threatening situation due to the possibility of pneumothorax. This is the second most common cause of death on the battlefield and can be prevented with appropriate treatment measures.



OPTIONAL ONE-WAY VALVE

The SAM Chest Seal dressing can be fitted with a one-way valve, allowing air to be drained from the chest while preventing air from entering the wound from outside. The patented design of the valve reduces the risk of blockage by blood clots or soft tissue. The valve is activated by removing a special plug. Reinserting the plug stops the one-way valve from operating. The special domed shape of the valve is designed to prevent the air channels from being blocked by objects such as blankets, clothing or a bulletproof vest.



OPTIMISATION FOR NIGHT VISION

The SAM Chest Seal dressing and its packaging are visible in night vision devices. The packaging, dressing pad and grip tips provide optimum contrast in normal or low light, as well as in total darkness (when using night vision equipment).



STRONG ADHESION

One of the many features that distinguish the SAM Chest Seal dressing from competing products. Hairy skin adhesion test - excellent adhesion of the patch to heavily hairy skin.



WATER IMMERSION TEST

The illustration shows the strength of the adhesive after a 12-minute immersion in water.



SAND ENVIRONMENT TEST

The illustration shows the adhesion of a dressing covered with 2.9 g of sand for a simulated desert environment.



SAM CHEST SEAL DRESSING FOR SEALING CHEST WOUNDS

CERTIFICATES 

New occlusive dressing for chest wounds. It has a strong adhesive, allowing the dressing to stick to hair, blood, sand, water and sweat. It has an oval shape with a diameter of more than 19 cm. It is latex-free and transparent. Side stripes visible in night vision. Includes an absorbent gauze measuring 13x23 cm, which is able to absorb 150 ml of liquid. Vacuum-packed.

PRODUCT CODE	112.300.701	112.300.702
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type	Occlusive dressing	Ventilated dressing
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IMMOBILISATION **SPLINTS**

REUSABLE

WIDE XL VERSION

Width 14 cm especially for those with larger dimensions

WATERPROOF

Allows immersion in water

LIGHT AND COMPACT

112 g with dimensions of 10.8 x 91 cm

165 g at 14 x 91 cm

CLOSED-BUBBLE SEALED FOAM

Easy to clean and disinfect. Resistant to all standard cleaning substances

TRANSFER

Allows x-ray without removing immobilisation

CAN BE RETRACTED OR FOLDED

Easy storage in first aid kits and backpacks

ATTACHMENT BY MEANS OF ANY TAPE OR CABLE

TIE OF YOUR CHOICE



WHO USES SAM[®] SPLINT ORTHOPAEDIC IMMOBILISATION



From mountain trails to battlefields, from outer space to the depths of the oceans, in all weathers and on all terrains - the SAM[®] Splint products of choice for professionals can be found everywhere: paramedics, military paramedics, sports trainers, mountain rescuers, adventurers, firefighters, health and safety specialists, vets, hospitals, ski patrols and many others.



PELVIC IMMOBILISATION **SPLINT**

CERTIFICATES

The SAM Pelvic Sling is used to stabilise pelvic fractures. It is characterised by its compact design and ease of use. The belt is estimated to take less than a minute to put on and is sized to fit 95% of the population - without the need for trimming. It requires no special precision during fitting and clearly signals with a click when the correct compression force has been reached. The belt is durable, its function is not affected by extremes of humidity and temperature, and it is resistant to contact with hard or sharp objects. It is also X-ray-penetrable, safe for contact with magnetic resonance imaging (MRI) equipment and easy to clean using common detergents and disinfectants.



PRODUCT CODE	112.235.666	112.235.777	112.235.888	112.235.999
Dimension	81*127 cm,	length 120 cm,	length 125 cm,	length 150 cm,
Description	military version	SM size	Standard size	XL size



CLAMPING DEVICE

CERTIFICATE



A state-of-the-art tourniquet that requires minimal force and movement, while completely eliminating bleeding. Equipment for inhibiting blood flow in case of amputation or crushing of a limb, serious open wounds, lacerations and limb fractures where the main blood vessels have been severed. The sthesis is used by medical and military services. The special design allows the bandage to be applied efficiently, even by the injured person themselves. Intuitive handling and quick fitting allow for complete stopping of bleeding. The orange version is designed for civilian. Dimensions of packed equipment: DxSxW 6.3x3.8x18.4 cm. Weight: 108 g.



PRODUCT CODE	112.300.709	112.300.708
Description	Clamping station, civilian version	Clamping system, military version



HIP TOURNIQUET WITH TCD CUSHION

CERTIFICATES



It is designed to stop bleeding in areas where standard tourniquets are not effective. The tourniquet can be used for wounds sustained as a result of im- provocative explosive devices or amputation of the leg close to the pa- chine. In these types of wounds, the most important thing is to provide rapid assistance. The SAM® hip tourniquet is simple in design, easy to use and quick to apply (usually in less than 25 seconds). The pressure cushion (TCD) is placed at the site of the injury and pumped until the bleeding stops. If necessary, two TCD cushions can be used to stop the bleeding

both sides. Thanks to its robust design, the instrument remains securely attached to the injured person during transport. The brace more than meets the requirements of MIL-STD-810g. An additional function is the stabilisation of pelvic fractures. Recent studies indicate that haemorrhages following improvised explosive device (IED) explosions are often associated with pelvic fractures. The patented clamp buckle always provides clinically proven c o m p r e s s i v e force, eliminating the uncertainty that is dangerous in such a situation. This is very important in stressful rescue situations, where over- or under-compressing the pelvis can be detrimental to the patient.

PRODUCT CODE	112.235.101	112.235.102
Description	Hip tourniquet with 1 TCD cushion	Hip tourniquet with 2 TCD pads

murdock[®]
Distribution Hub



MODEL NO. GYQ87

DRINKING FOUNTAINS

Bottle Fillers, Pet Fountains & Showers



M-OBR4-GRD

Barrier-Free Bi-Level Wall Mounted Round Drinking Fountain with Sensor/ Pushbutton Recessed Bottle Filler Shown in Textured Firehouse Red



GRC75

Wall-Mounted, Round Drinking Fountain Shown in Textured Alpine Blue



GRT75-PF-RFS

Free-standing Pet Fountain

On-Ground, Wall-Mounted Pet Fountain Shown in Textured Fairway Green



GRM45

Barrier-Free, Pedestal-Mounted Bi-Level Round Drinking Fountain

-PF

Pet Fountain Receptor



Stainless steel is the standard material for all Contemporary Series Fountains.

NOTE: All of our Contemporary Series Fountains can be ordered with Safewater™ (NP) or Freeze-Resistant options.



Barrier-Free Stainless Steel Vandal-Resistant Wall Mount Water Cooler A171408S-VR



A17-VR Series

- All-Stainless steel cabinet
- Welded louver screens
- Tamper resistant fasteners
- Available as Single and Universal Bi-Level



Barrier-Free Vandal-Resistant Button Wall Mount Water Cooler A171108S-VR



Barrier-Free 14-Gage Stainless Steel Wall Mount Water Cooler A171408S-FG-VR



Barrier-Free Vandal-Resistant Button Wall Mount Bi-Level Water Cooler A172408S-VR

A17FGVR Series

- 14-gage stainless steel welded construction
- Removable louver screens for internal access
- Tamper resistant fasteners
- Available as Single and Bi-Level



A172 Series - Enhanced Design

- Bi-level construction, self-contained and vandal resistant with front push button activation
- Can be installed left unit high or right unit high with no additional parts
- Flexible, anti-microbial non-squirt bubbler delivers 0.3 GPM flow
- Auto-stop allows cartridge and strainer service without shutting off water
- Granite powder coated galvanized steel cabinet and bottom shroud
- ADA compliant.



Stainless Steel ADA Wall Mounted Bi-Level Water Cooler with Flexible Bubbler A172108F-UBL

Barrier-Free Wall Mount Universal Bi-Level Water Cooler Granite Finish with A172408F-UBL

Metric Equivalents **FOR COMMONLY USED MEASUREMENTS**

(rounded for catalog purposes)

Volume/Liquid Measure Equivalents

Containers:

4 ounces = 0.12 litres
8 ounces = 0.24 litres
16 ounces = 0.5 litres
32 ounces = 1 litre

1 pint = 0.5 litre
1 quart = 1 litre
2 quarts = 2 litres
1 gallon = 4 litres
1 1/2 gallons = 6 litres
2 gallons = 7.5 litres
2 1/2 gallons = 9.5 litres
3 gallons = 11 litres
3 1/2 gallons = 13 litres
4 gallons = 15 litres
5 gallons = 19 litres
6 gallons = 23 litres
8 gallons = 30 litres
10 gallons = 38 litres
12 gallons = 45 litres
14 gallons = 53 litres
15 gallons = 57 litres
20 gallons = 76 litres
21 gallons = 79 litres

1/4 inch = 6mm
3/8 inch = 10mm (tubing)
1/2 inch = 13mm
3/4 inch = 19mm
1 1/2 inch = 38mm
(insulating air space)
2 inch = 51mm
(cabinet sump, drum bung)
2 1/4 inch = 57mm

Cabinets:

30 gallons = 114 litres
45 gallons = 170 litres
60 gallons = 227 litres
90 gallons = 341 litres

Environmental Spill Control & Drum Sizes:

30 gallon drum = 110 litre drum
55 gallon drum = 200 litre drum
22 gallon sump capacity = 83 litres
43 gallon sump capacity = 163 litres
66 gallon sump capacity = 250 litres
75 gallon sump capacity = 284 litres
85 gallon sump capacity = 322 litres
95 gallon (overpack) capacity
= 360 litres

24 gauge steel = 0.5mm
18 gauge steel = 1mm
16 gauge steel = 1.5mm
14 gauge steel = 1.9mm

Weight Equivalents:

60 pounds = 27kg
350 pounds = 159kg
600 pounds = 272kg
1000 pounds = 454kg
1500 pounds = 680kg
2500 pounds = 1134kg
3750 pounds = 1701kg
5000 pounds = 2268kg

Pressure and Temperature:

3 psig = 0.2 bar
5 psig = .35 bar
165°F = 74°C

Conversion Chart

Fahrenheit to Celsius

$$(^{\circ}\text{F} - 32) \times 0.5555 = ^{\circ}\text{C}$$

Inches to Millimeters:

Multiply by 25.4

Inches to Centimeters:

Multiply by 2.54

Feet to Meters:

Multiply by 0.3048

Feet to Centimeters:

Multiply by 30.48

Feet to Millimeters:

Multiply by 304.8

Ounces to Grams:

Multiply by 28.35

Pounds to Kilograms:

Multiply by .4536

Gallons to Litres:

Multiply by 3.785

Metric Conversions

Maciej "Magic" Winnicki

Operational Director

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