



# Safety products

Personal Protection Equipment

know-how makes the difference

**ERIKS**







# Safety products

## Personal Protection Equipment

The use of Personal Protection Equipment (PPE) at work is essential. The working environment and conditions determine the most appropriate protection in order to guarantee the safety of employees. The safety and welfare of workers is paramount, and the provision and correct use of the most appropriate PPE can substantially increase efficiency and productivity.

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Offering and providing the most innovative and effective PPE, is one of the core activities within the ERIKS group. The strong co-operation with our partner suppliers guarantees a highly efficient service to our customers, for whom quality and availability are essential. In collaboration with our colleagues and customers from different European countries, the ERIKS catalogue contains a wide and varied range of products from leading manufacturers.

Information on Legislation, Regulations, and Standards regarding the supply and use of PPE are explained at the beginning of each chapter. Through on-site surveys such as Spill Control, Hand Protection etc. we will work with you to find the most effective solutions for every situation.

## Safety Products

### Personal Protection Equipment

At ERIKS we take your safety seriously and when it comes to the use of Personal Protection Equipment (PPE) we don't offer second best.

Offering and providing the most innovative and effective PPE, is one of the core activities within the ERIKS group. The strong co-operation with our partner suppliers guarantees a highly efficient service to our customers, for whom quality and availability are essential. In collaboration with our colleagues and customers from different European countries, this catalogue contains a wide and varied range of products from leading manufacturers.



Information on Legislation, Regulations, and Standards regarding the supply and use of PPE are explained at the beginning of each chapter. Through on-site surveys such as Spill Control, Hand Protection etc. we will work with you to find the most effective solutions for every situation.

The safety and welfare of workers is paramount, that simple understanding combined with the knowledge that the correct use of the most appropriate PPE, can substantially increase efficiency and productivity, makes ERIKS the number one choice for all your PPE requirements.

### Safety, a number one priority

Your employees are your most valuable asset and ERIKS is committed to working with your business by reducing workplace accidents and establishing a safer and more productive working environment through our experience, dependability, and knowhow. Our goal is to reduce workplace accidents to zero and to ensure that your employees return home safely, thereby creating a culture of safety, maximizing productivity and employee confidence.

The overall philosophy of safety starts with awareness, a safe environment, A-brands PPE and tools.

The ERIKS difference is the depth, quality, support, and resources at our disposal. ERIKS removes the burden of finding 'piecemeal' safety solutions for your business with our unique and comprehensive approach to all areas of safety.

### Awareness, efficiency and cost reduction

We start from the ground up, working with you, to address all areas of your business's safety needs.

We accomplish this with unparalleled support for our customers; working hand-in-hand with safety directors and managers. Working alongside our partner suppliers we are able to offer onsite testing and training for your employees in general and specific areas of safety. Together we can audit your business and provide access to our global supply chain and logistics to maximise productivity and reduce costs.

You will benefit from the experience and knowledge of our global team of over 7,800 employees in 21 different countries offering best in class products, safety experts and supply chain solutions, tailored to work for your business.

### ERIKS Safety value proposition

#### We deliver

- Availability
- Technical support
- VMI – grab stock



#### We support

- Know-how and innovation
- Customisation
- A-brand / own brand
- TCO – savings

#### We care

- Training with supply partners
- Onsite integrated solutions
- Ease of doing business by E-commerce and EDI
- Inventory reduction



### Safety experts

It starts with our team of Safety Experts - both internal across 21 countries and external through our partner suppliers - who are fully qualified to analyse and ensure your business policies are in full compliance with all applicable regulations and legal Statutes. Our safety experts understand your business and how to fulfil all of its safety and legal requirements. They are positioned to be your base of in-depth safety know how, tackling your safety problems before they start.

You will also benefit from the expertise of our application engineers, who will work hand in hand with your manufacturing, sales and customer service departments to design and implement the unique technology products your business requires. Our knowledgeable and innovative application engineers are well versed on a wide array of applications and their specific safety requirements including:

- Steam application
- Welding and non-sparking equipment
- Gasket installation instructions
- Chemical hose testing
- Clean room expertise

Our safety expertise is already appreciated by several key players in different industries. We have a proven track record of significant TCO cases and best practices concerning safety solutions.

### Supply Chain Solutions

With the benefit of our extensive world-wide network, ERIKS is uniquely qualified to provide a multi-layered approach to your supply chain and logistics.

Offering customised logistical solutions with an extensive range of options helping your business reduce costs, maximise employee safety and productivity. Our in-house experts will work with you to create personalised and cost effective solutions for your business. Some of the specific areas we can address are:

- Onsite support
- Vending machines
- Integrated solutions
- E-business solutions –EDI
- Data cleaning
- Inventory reduction

ERIKS UK are a member of the British Safety Industry Federation.

We are also members of the BSIF's Registered Safety Supplier Scheme, which undertakes to supply only safety equipment that fully complies with the standards and regulations relating to those products.



Safety products



Hazard areas	Safety products	Brands
	 Hard Hats & Bump Caps	 
	 Disposable Headwear	
	 Helmet Earmuffs	
	 Earplugs & Earmuffs	 
	 Safety Glasses & Face Shields	 
	 Respirators , Disposable & Reusable	
	 Gloves - All Types	   
	 Disposable Gloves	   
	 Disposable Clothing	
	 General Workwear	  
	 Disposable (Type 3/4/5/6)	 
	 Hi-vis/Chemical; & Weatherwear	  
	 Disposable Shoes	
	 Fall protection	
	 Skin Hygiene	
	 Spill Control	
	 Site Safety	



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# Head protection

## Legislation & regulation

It goes without saying that proper protection to the head is a must. Yet we sometimes forget to wear a helmet or bump cap, in our haste. Accidents involving potentially serious head injuries can happen very quickly indeed.

Wearing the appropriate head protection is inseparable from wearer comfort. Safety helmets or bump caps will only be worn all day if they offer protection without loss of comfort.

## Head protection

This section describes the following types of head protection and head covering:

1

- Safety helmets and accessories
- Bump caps
- Disposables

Our range of head and helmet lamps are suitable for situations in which you require extra lighting but need to have both hands free to perform work. A list of the current PETZL lamps will be found at the end of this section.

## European and international standards with options

**EN 14052** High performance industrial helmets

**EN 397** Safety helmets

**EN 812** Bump caps

**EN 50365** Insulating helmets for use on low voltage installations (1500 V (DC) or 1000 V(AC))

**EN 12492** Helmets for mountaineers

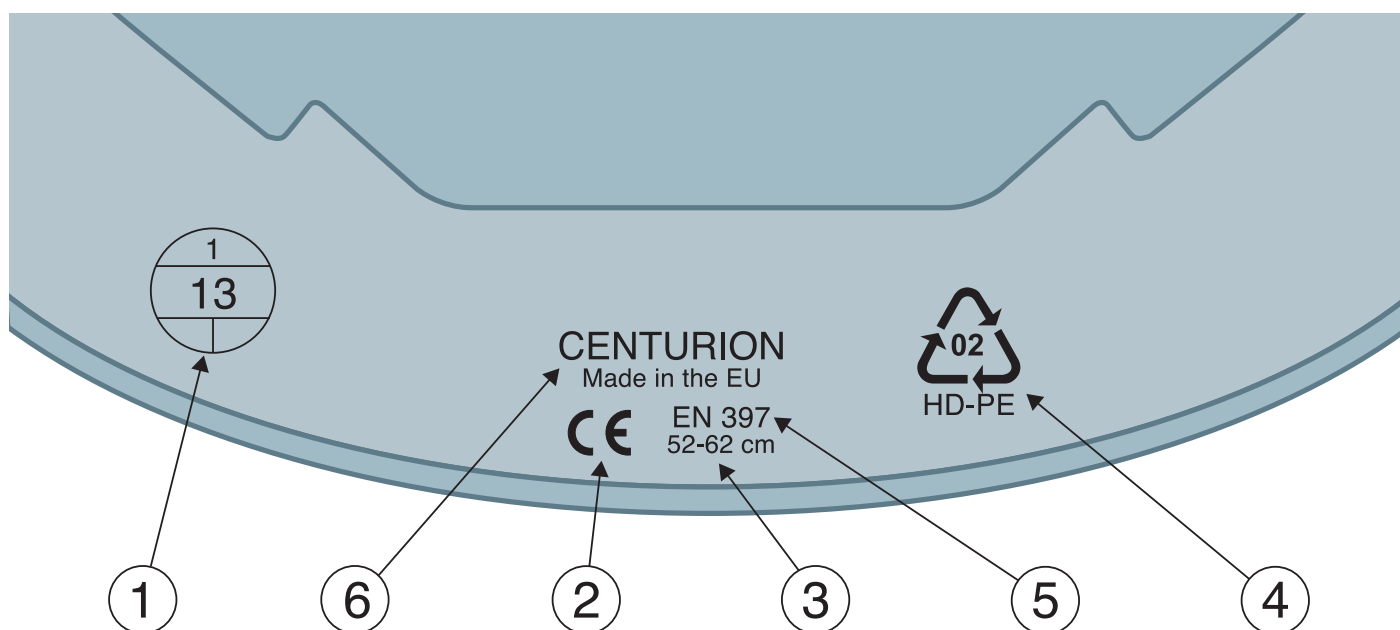
## Safety helmets

EN 397:2012 + A1:2012				Options outside the scope of EN 397		EN 50365:2002 (1000V a.c.) For use on low voltage insulations	ANSI/ISEA Z89.1-2014 Type 1			Options outside the scope of ANSI/ISEA		CSA/CAN Z94.1-05 Type 1		Tested the performance requirements of AS/NZS 1801:1997 Type 1
Laterar diformantation (LD)	-20 or -30 °C (Low temeprature)	+150 °C (High temeprature)	Molten Metal (MM)	440V a.c. (Electrical resistance)	1000V a.c. (Electrical resistance)		-40 °C (Low temeprature)	Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)	-30 °C (Low temeprature)	-40 °C (Low temeprature)	Class C (Conductive 0V a.c.)	Class E (20,000V a.c.)	

## Bump Caps

EN 812:2012 + A1:2012			Options outside the scope of EN 812
-20 °C (Low temeprature)	F (Flame Resistant)	440V a.c. (Electrical resistance)	-40 °C (Low temeprature)

## Safety helmets



EN 397 requires that at least the following information must be indelibly marked on the inside of the helmet shell:

1. Month and year of manufacture	4. Material characteristics
2. CE Marking	5. Standard
3. Size	6. Manufacturer

### Types of safety helmets material

Most safety helmets are made of **HDPE** (High Density Polyethylene) or **ABS** (Acrylonitrile Butadiene Styrene).

The advantage of ABS is that it combines the **strength and rigidity** of the acrylonitrile with **the toughness** of butadiene rubber.

The protective properties of safety helmets made of glass-fibre reinforced polyester are not adversely affected by heat.

### Useful life of the protective helmet

The safe useful life of a safety helmet is difficult to determine, since it depends on several factors. It depends on the material of which the helmet is made, and the conditions under which it is used.

A safety helmet lasts the longest when it is kept in its original packaging and is not exposed to direct sunlight or heat.

We advise you to consult the manufacturer's guidelines provided in the Instructions for Use.

### Personalisation

You can print or embroider your protective headgear. Depending on the type of helmet, your company logo can be placed on the front, side or rear of the helmet. The dimensions of the logo are determined by the location of the logo and number of colours in the logo.







### Safety helmet Nexus Core vented S16

Modern recreational styled Safety Helmet with Micro Peak for optimum visibility. The Nexus Core has the ability to be retrofitted to cover a vast array of International safety standards in the field. Manufactured from strong ABS material. Optional accessories including High Intensity Reflective Stickers & Clear/Smoke Grey Eye shield available. Approved to - EN 397, LD, MM, -40°C, 1000V a.c (unvented).



1

Colour	Material	Vented	Article Number
White	ABS	Yes	W23D-50593
Yellow	ABS	Yes	W23D-50600
Blue	ABS	Yes	W23D-50530



### Safety helmet Nexus Core unvented with ratchet

Modern recreational styled Safety Helmet with Micro Peak for optimum visibility. The Nexus Core has the ability to be retrofitted to cover a vast array of International safety standards in the field. Manufactured from strong ABS material. Optional accessories including High Intensity Reflective Stickers & Clear/Smoke Grey Eye shield available. Approved to - EN 397, LD, MM, -40°C, 1000V AC (unvented).



Colour	Material	Vented	Article Number
White	ABS	No	W23D-50596
Yellow	ABS	No	W23D-50603
Blue	ABS	No	W23D-50533



### Safety helmet Nexus Linesman unvented

Modern recreational styled Safety Helmet with 'Micro Peak' for optimum visibility. Manufactured from strong ABS material. Complete with 4 point quick release linesman EN 397 harness. Optional accessories including High Intensity Reflective Stickers & Clear/Smoke Grey Eye shield available. Approved to - EN 397, LD, MM, 1000V a.c (unvented), -40°C.



Colour	Material	Vented	Article Number
White	ABS	No	W23D-50595
Yellow	ABS	No	W23D-50602
Blue	ABS	No	W23D-50532



### Safety helmet Nexus Heightmaster vented with ratchet

Modern recreational styled Safety Helmet with 'Micro Peak' for optimum visibility. Manufactured from strong ABS material. Designed for applications where the wearer is working at height. Replaceable liner and fully adjustable and replaceable harness for improved fit, comfort and hygiene. Optional accessories including High Intensity Reflective Stickers & Clear/Smoke Grey Eye shield available. Approved to - EN 12492. Conforms to - EN 397 in respect of shock absorption, penetration, LD, MM; -40°C



Colour	Material	Vented	Article Number
White	ABS	Yes	W23D-50594



### Safety helmet harness 4 Point Nexus EN397

Nexus EN397 4 Point Harness: Converts Nexus Core EN397 into a Linesman's Helmet



Colour	Material	Vented	Article Number
Blue	Nylon	No	W23D-50608

1



### Nexus high-intensity reflective sticker set

Reflective stickers designed for use with all Nexus Helmets. Available in 6 reflective colours. Supplied as 1 set per helmet.



Colour	Article Number
Blue	W23D-50606
Green	W23D-50607
Orange	W23D-50612
Red	W23D-50613
Silver	W23D-50614
Yellow	W23D-50615



### Safety helmet Classic 1100 unvented HDPE full peak

HDPE shell full peak with a 6-Point plastic cradle. Compatible with Centurion face & hearing accessories. EN 397. 440V AC. to -10°C.



Colour	Material	Vented	Article Number
White	HDPE	No	W23D-50005
Yellow	HDPE	No	W23D-50006
Blue	HDPE	No	W23D-50001



### Safety helmet Classic 1125 unvented HDPE full peak

HDPE shell full peak with a 6-Point terylene cradle. Compatible with Centurion face & hearing accessories. EN 397. 440V AC. To -30°C.



Colour	Material	Vented	Article Number
White	HDPE	No	W23D-50013
Yellow	HDPE	No	W23D-50014
Blue	HDPE	No	W23D-50007



### Safety helmet Concept Sog vented ABS

20% lighter than most other helmets. Manufactured from high quality, strong ABS material. 6 Point Terylene webbing cradle with high absorbent Hydro- flock sweatband. Extended nape providing increased neck protection. Unique ventilation provides added comfort due to increased airflow. EN 397. 1000V AC (Unvented). to -40°C.



Concept

Colour	Material	Vented	Article Number
White	ABS	Yes	W23D-50099
Yellow	ABS	Yes	W23D-50104
Blue	ABS	Yes	W23D-50070



### Safety helmet Reflex HDPE vented mid peak

Designed with Safety in mind; it is supplied with a Silver rear flash as standard. Manufactured in HDPE. In addition, patented rear clip-on clear or red reflectors are also available. Ventilation is provided as standard for an altogether cooler helmet. Compatible with both the Centurion CONNECT accessory range as well as any approved 30mm accessories for maximum flexibility. EN 397 & EN 50365 To -30°C.



1

REFLEX®

Colour	Material	Vented	Article Number
White/Silver	HDPE	Yes	W23D-50176
Yellow/Silver	HDPE	Yes	W23D-50183
Blue/Silver	HDPE	Yes	W23D-50128
Yellow	HDPE	Yes	W23D-50150



### Safety helmet Spectrum unvented ABS integrated over spectacles

Premium safety helmet with Integrated Over Spectacles, which are approved to Grade B - Medium Energy Impact within EN 166. Over Spectacles with anti scratch and anti fog coating. Fully retractable eyewear that accepts standard prescription spectacles underneath. Helmet shell produced out of ABS and approved to Lateral deformation (LD) within EN 397 for added side impact protection. 6 Point Terylene webbing cradle with high absorbent Hydro-Flock sweatband. AquaDirect rain management system to direct the rain off the helmet.



Spectrum

Colour	Material	Vented	Article Number
White	ABS	Yes	W23D-50334
Yellow	ABS	Yes	W23D-50338
Blue	ABS	Yes	W23D-50336



### Safety helmet Vulcan unvented temperature resistant

High heat vinyl ester backboned polyester resin shell which is Glass Reinforced Plastic (GRP). High temperature face screen carrier and face screens also available. Comfortable fit with Terylene 6-point cradle and brushed nylon sweatband. Option: twist 2 fit ratchet headband for easier and quicker adjustment. EN 397:440V AC. -30°C.



Colour	Material	Vented	Article Number
White	Glass fiber reinforced plastic	No	W23D-50212



### Bump Cap

Suitable for use in food processing industries when sterilisation is required for safety and hygiene purposes and cloth materials cannot be used. Polyethylene shell and internal plastic cradle/headband for easy cleaning. Replaceable, wipeable PVC sweatband. Replaceable adjustable headband. EN 812:1997:440V AC. to -30°C.



Colour	Material	Vented	Article Number
White	HDPE	No	W23D-50202

1



### Safety helmet Vertex Best unvented

Unventilated shell protects against electrical hazards and molten metal splash. Six-point textile suspension ensures maximum comfort, and its CenterFit adjustment system adjusts the headband and keeps the helmet centered on the head. VERTEX BEST is designed for optimal attachment of a PIXA or ULTRA VARIO headlamp, a VIZIR or VIZEN protective shield, and hearing protection. EN397; EN12492; EN50365; ANSI Z89.1-2009 Type 1 Class E



Colour	Material	Vented	Article Number
White	ABS	No	W15E-50020
Yellow	ABS	Yes	W15E-50022
Blue	ABS	No	W15E-50016



### Safety helmet Vertex Vent

This helmet has ventilation holes with sliding shutters to allow the ventilation to be adjusted as needed. Six-point textile suspension ensures maximum comfort. CenterFit adjustment system adjusts the headband and keeps the helmet centered on the head. The VERTEX VENT is designed for optimal attachment of a PIXA or ULTRA VARIO headlamp, a VIZIR or VIZEN protective shield, and hearing protection. EN397; EN12492; EN50365; ANSI Z89.1-2009 Type 1 Class E



Colour	Material	Vented	Article Number
White	ABS	Yes	W15E-50029
Yellow	ABS	Yes	W15E-50030
Blue	ABS	No	W15E-50025



### Bump cap Coolcap vented

Added comfort and improved head retention provided by higher cap depth. Sleek three panel design with improved side ventilation. Removable foam side inserts providing 45% more shock absorbency compared to standard ABS liner. Approved to EN 812:2001 (including A1). Suitable applications include Automotive, Airlines, Transportation, Shipping, Railways and Engineering.



Colour	Material	Vented	Article Number
Blue	Cotton	Yes	W23D-50223
Black	Cotton	Yes	W23D-50222



### Bump cap Airpro vented standard peak

The design of the pad and shell, the provision of perforated side pads and the mesh internal pad ensure that the cap will protect over and above EN 812. All the components, including the breathable polyester cover improves airflow. SP: standard peak 5cm. Approved to EN 812:2001 (including A1).



Colour	Material	Vented	Article Number
Blue	Polyester	Yes	W23D-50264
Black	Polyester	Yes	W23D-50262
Yellow	Polyester	Yes	W23D-50260

### Sweatband

Sweatband compatible with helmets: Spectrum; Nexus; Concept; Vision Plus



Colour	Material	Article Number
Beige	Vabon	W23D-50241
Black	Dry-tech	W23D-50672





### Safety helmet chinstrap elasticated

2-point elasticated strap with Chin Cup to provide a secure fit. Fits to all Centurion helmets.



1

	<b>Article Number</b>
	W23D-50227



### Face screen carrier S54

Face screen carrier for all Centurion Helmets (except Spectrum, Vision & Vision Plus): For attaching a range of Centurion face screens.



Colour	Material	Article Number
Black	Nylon	W23D-50290



### Face screen for helmet

For all Centurion Helmets (except Vision & Vision Plus). Attaches using S54 helmet carrier.



Model	Type	Viewing window	Material	Norm	Article Number
S580	Visor	150	Polycarbonate	EN166 1 B 9 3	W23D-50303
S590	Visor	225	Polycarbonate	EN166 1 B 9 3	W23D-50305
S591	Visor	225	Acetate	EN166 1 F 3	W23D-50307



### Eye shield for Vertex and Alveo helmets

The VIZIR eye shield ensures eye protection and integrates perfectly into VERTEX and ALVEO helmets. It installs easily with the two inserts on these helmets. It also has scratch-resistant and anti-fog coatings EN166 1 B.



Model	Type	Material	Norm	Article Number
Vizir	Eyeshield Attachment	Polycarbonate	EN166 1 B	W15E-50037



### Face shield for Vertex and Alveo helmets

The VIZEN face shield should be used when there is risk of electric arc. Its ultra-wrap shield offers complete face protection and preserves peripheral vision. Mounting inserts make it easy to install on VERTEX and ALVEO helmets.



Model	Type	Material	Norm	Article Number
Vizen	Vizor attachment	Polycarbonate	EN166 1 B T8; EN170 2C-1.2	W15E-50036



### Helmet liner Universal fleece

Universal Fleece Helmet Liner; part of the modular Cold Weather Hood System. Fits all Centurion helmets



Colour	Material	Article Number
Black	Acrylic	W23D-50284



**External cover for hard hat high visibility**

Frost Cape waterproof outer with fleece inner and high visibility colour with reflective strip provides protection from the cold and rain. Zip top fastening to be fitted to Universal Fleece Helmet Liner.



Colour	Material	Article Number
Yellow	Acrylic	W23D-50283
Orange	Acrylic	W23D-50281



**Headlamp PIXA 1**

The PIXA 1 is a rugged headlamp offering lighting that allows the user to work comfortably on tasks close at hand. Constant lighting technology: brightness does not decrease gradually as the batteries are drained. 60 Lumens. Depending on the need, it may be worn on the head, mounted on the helmet, or placed on the ground. Available in ATEX or HAZLOC versions.



Rechargeable	Degree of protection (IP)	Luminous flux	Number of batteries	Weight	Article Number
No	IP67	20/60	2x AA	160	W15E-50203



**Headlamp PIXA 2**

The PIXA 2 is a rugged headlamp offering lighting that allows the user to work comfortably on tasks close at hand or to move around safely. Constant lighting technology: brightness does not decrease gradually as the batteries are drained. 80 Lumens. Depending on the need, it may be worn on the head, mounted on the helmet, or placed on the ground. Available in ATEX or HAZLOC versions.



Rechargeable	Degree of protection (IP)	Luminous flux	Number of batteries	Weight	Article Number
No	IP67	Im	2x AA	160	W15E-50204



**Headlamp PIXA 3**

The PIXA 3 headlamp is rugged and versatile. The multi-beam adapts to all situations: close-range work, movement, and long-range vision. CONSTANT LIGHTING technology: brightness does not decrease gradually as the batteries are drained. 100 Lumens. Depending on the need, it may be worn on the head, mounted on the helmet, or placed on the ground. Available in ATEX or HAZLOC versions.



Rechargeable	Degree of protection (IP)	Luminous flux	Number of batteries	Weight	Article Number
No	IP67	Im	2x AA	160	W15E-50205



**Headlamp PIXA 3R**

The PIXA 3R headlamp is a rugged, rechargeable headlamp suitable for frequent use by professionals. It may be worn on the head, mounted on the helmet, or placed directly on the ground. The integrated rechargeable battery makes it a practical tool and an economic and ecological alternative to regular batteries. The multi-beam adapts to all situations: close-range vision, movement, and long-range vision. Constant lighting technology: brightness does not gradually decrease as the batteries are drained. 90 Lumens.



Rechargeable	Degree of protection (IP)	Luminous flux	Number of batteries	Weight	Article Number
Yes	IP67	Im	1x Li-ion	145	W15E-50206



**Battery for PIXA 3R**  
PIXA 3R Li-Ion polymere rechargeable battery.



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Rechargeable	Article Number
Yes	W15E-50201



**Rubber headband for PIXA**  
Plate + rubber headband adapted for all PIXA headlamps.



Article Number
W15E-50200



**Headlamp Ultra Vario**  
The ULTRA VARIO's very powerful lighting - 520 Lumens, makes it perfect for demanding, long-duration work. It has four constant lighting modes in order to adapt the beam to any situation: low intensity, close-range work, moving around, distance vision. Rechargeable. Its great durability guarantees field reliability.



Rechargeable	Degree of protection (IP)	Luminous flux lm	Number of batteries	Weight g	Article Number
Yes	IP67	520	1x Li-ion	370	W15E-50193



**Battery 2 for Ultra Vario**  
2600 mAh Li-Ion rechargeable battery for ULTRA headlamps. Right balanced between lighting performance and weight.



Rechargeable	Article Number
Yes	W15E-50195



**Headlamp Ultra Vario Belt**  
The ULTRA VARIO BELT's very powerful lighting - 520 Lumens, makes it perfect for demanding, long-duration work. The rechargeable ACCU 4 ULTRA remote battery pack minimizes weight on the head and offers maximum battery life. The lamp offers four constant lighting modes in order to adapt the beam to any situation: low intensity, close-range work, movement, and distance vision. Its great durability guarantees field reliability.



Rechargeable	Degree of protection (IP)	Luminous flux lm	Weight g	Article Number
Yes	IP67	520	510	W15E-50192



**Battery 4 for Ultra Vario Belt**  
5200 mAh Li-Ion rechargeable battery for ULTRA series headlamps. Maximum autonomy.



Rechargeable	Article Number
Yes	W15E-50194

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**Quick Charger For Battery Ultra**

Quick wall charger for ACCU 2 ULTRA and ACCU 4 ULTRA rechargeable batteries. E55800 for Europe & USA, E55800 UK for the United Kingdom.



	<b>Article Number</b>
	W15E-50196



**Petzl helmet clips**

For use in conjunction with the Petzl range of head lamps to attach to a variety of helmets



	<b>Article Number</b>
	W15E-50191
	W15E-50190





# Hearing protection

Noise-induced hearing loss is irreversible. Hearing protectors are therefore necessary, but are only worthwhile if they dampen the noise and are always worn when working in noisy environments. They must therefore fit well and not irritate.

Hearing loss arises not on one day or another, but over time. Exposure to noise causes hearing impairment that is irreversible. This danger is already present at a noise level of 80 dB.

#### **Some examples of noise sources:**

- Buzz saw:  $\pm 110$  dB.
- Traffic on the highway:  $\pm 95$  dB.
- Grinder:  $\pm 117$  dB.
- Drilling:  $\pm 100$  dB.

## Hearing protection

When choosing hearing protection, there are several things that should be taken into consideration. Hearing protection should reduce the noise to a safe level so that some sounds are not heard well or at all. Attention should also be paid to ensuring that the hearing protection is practical as well as comfortable.

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ERIKS also has otoplastics in its range. Those custom-made hearing protectors give extra attention to wearing comfort and the personal hygiene of the user.

Our product specialists would be pleased to advise you, with due regard for noise pressure, the duration of the exposure, the frequency and the surroundings.

### Legislation & relementation

Working in a noisy environment is not only highly stressful, but also causes intense damage to hearing. Damage to hearing (noise-related deafness) is also irreversible. It can be prevented, but not cured!

A very wide range of hearing protection media allows us to protect our ears against every form and level of noise nuisance:

- Custom fit earplugs (otoplastics)
- Disposable earplugs
- Reusable earplugs
- Earmuffs
- Accessories

### Noise and hearing

Sound is propagated by pressure waves in the air and is measured in decibels (dB). These pressure waves, expressed in cycles per second (Hertz), determine the high or low intensity of sound (H-M-L values) and therefore also the audibility to the human ear.

L = low frequency tones	62-500 Hz
M = medium frequency tones	500-2000 Hz
H = high frequency tones	2000-8000 Hz

Sound pressure doubles every 3 dB(A) - for example, 88 dB(A) is twice as loud as 85 dB(A). The SNR value is used to express the damping achieved by an earmuff or earplug.

### WHAT does SNR stand for?

SNR is a Single Number Rating system according to the international ISO 4869 standard. The tests are carried out by commercial laboratories operating independently of the manufacturers.

SNRs are expressed in decibels (dB), and are used as a guide to compare the noise reduction capabilities of various hearing protection media. The SNR is subtracted from a weighted average noise level in order to measure the degree of sound pressure on the ear after wearing the hearing protector. The SNR value has been specified for each item appearing in our catalogue.

The danger threshold for human hearing is 80 dB(A). One may be exposed to this noise level for on average of 8 hours per day (24 hours) without suffering any hearing loss. There is a minimum risk of hearing damage if the sound intensity remains below that level.

The period of exposure to the sound intensity attains increasing significance as the sound intensity rises above 80 dB(A). It is therefore best to maintain the sound intensity below 80 dB(A).

Maximum period of exposure	Sound pressure in dB(A)
8 hours	80
4 hours	83
2 hours	86
1 hour	89
30 minutes	92
15 minutes	95
7 minutes, 30 seconds	98
3 minutes, 45 seconds	101
1 minute, 53 seconds	104
56 seconds	107
28 seconds	110

The European Directive 2003/10/EC imposes the following obligation on employers:

- To provide employees with hearing protection onwards of 80 dB(A).
- To combat the sound at source, onwards of 85 dB(A). However, if the noise level remains high, it shall also be mandatory for the employee to wear hearing protection.

The following European standards apply to hearing protection media:

EN 352-1	Earmuffs
EN 352-2	Earplugs
EN 352-3	Earmuffs attached to an industrial safety helmet
EN 352-4	Level-dependent earmuffs
EN 352-5	Active noise reduction earmuffs
EN 352-6	Earmuffs with electrical audio input
EN 352-7	Level-dependent earplugs
EN 352-8	Entertainment audio earmuffs



**Earplug disposable uncorded**

Disposable uncorded earplugs made of extra-soft, extra light polyurethane foam. Their tapered shape fits easily in the ear canal, allowing them to expand and seal gently and snugly without pressure. The outer surface of the earplug is smooth, so it doesn't irritate the ear canal. SNR 36db

EN standard EN 352-2



Model	SNR dB	Packaging	Article Number
TS36D	36	Box of 200	W04Y-50030



**Earplug disposable with cord**

Disposable corded earplugs made of extra-soft, extra light polyurethane foam. Their tapered shape fits easily in the ear canal, allowing them to expand and seal gently and snugly without pressure. The outer surface of the earplug is smooth, so it doesn't irritate the ear canal. SNR 36db.

EN standard EN 352-2



Model	SNR dB	Packaging	Article Number
TS36DC	36	Box of 100	W04Y-50031



**Earplug Bilsom 303/304**

PU soft foam delivers superior long-wearing comfort and solid performance. The Bilsom 300 Series earplugs are ideal for workers who need to block out loud noise demand the best protection and comfort available in an earplug. Europe most-used polyurethane earplug, the 300 series earplug, offers superior noise-blocking performance in a single-use earplug.

- Model 303 Uncorded
- Model 304 Corded

EN standard EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
303 small refill	33	Bag of 200	Use with LS400 dispenser	W12A-12373
303 large refill	33	Bag of 200	Use with LS400 dispenser	W12A-12368
303 Large	33	Box of 200		W12A-12364
303 Small	33	Box of 200		W12A-12369
304 Large	33	Box of 100		W12A-12374
304 Small	33	Box of 100		W12A-12375



**Earplug Laser Lite**

The bright idea in hearing protection, Laser Lite's low-pressure foam expands gently inside the ear canal for comfortable long-term wear, while its contoured T-shape delivers easy handling. Its high visibility magenta and yellow colors make compliance checks quick and easy. Plus, Laser Lite is available with special packaging and dispenser options, ideal for process industries with low tolerances for packaging waste.

EN standard EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
Laser Lite	35	Box of 200		W12A-12405
Laser Lite Corded	35	Box of 100 pairs		W12A-12404
Laser Lite refill	35	Bag of 200	Use with LS400 dispenser	W12A-12406
Laser Lite refill	35	Box of 500	Use with LS500 dispenser	W12A-12407



### Earplug Max

Workers who need to block out loud noise demand the best protection and comfort available in an earplug. MAX offers superior noise-blocking performance in a single-use disposable earplug. MAX's enhanced contoured shape is easier to insert and resists backing out of the ear canal, while its softer foam delivers superior long-wearing comfort – delivering solid performance that your workers can depend on.

**EN standard** EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
Max	37	Box of 200		W12A-12390
Max refill	34	Bag of 200	Use with LS400 dispenser	W12A-12392



### Earplug Max Lite

Ideal for workers with smaller ear canals, Max Lite's low-pressure polyurethane foam expands gently inside the ear canal for comfortable long-term wear, while its contoured T-shape delivers ease of handling.

**EN standard** EN 352-2



Model	SNR dB	Packaging	Article Number
Maxlite	34	Box of 200	W12A-12352



### Earplug FirmFit

Extensive research into earplug preferences revealed that some workers prefer a firm foam earplug. They gain a sense of security from feeling the earplug in their ear. Longer wear time comfort. Provides excellent protection in most medium-to-high noise environments. Easy to Insert: Requires less pressure to roll down. FirmFit exerts less expansion pressure on the ear canal.

**EN standard** EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
Firmfit	37	Box of 200		W63D-50018
Firmfit	37	Bag of 200	Use with LS400 dispenser	W63D-50019



### Dispenser Leight-Source 400

Earplug dispenser for Max, Laser Lite and Bilsom 303.

**EN standard** EN 352-2



Model	SNR dB	Packaging	Article Number
LS400 with 303 large earplugs	33	Dispenser with 400 pairs	W12A-12367
LS400 Dispenser			W12A-12377



### Dispenser Leight Source 500

The Leight Source 500 earplug dispenser provides a highly visible, user-friendly, permanent hearing protection center. Built with heavy-duty anodized aluminum and designed for wall installation, the Leight Source 500 dispenses earplugs with a simple turn of the handle, providing a hygienic and economical source for earplugs. The Leight Source 500 is ideal for large factories and process industries that have zero tolerance for packaging waste. Holds 500 pairs of Howard Leight earplugs: Max, Max Lite, Laser Lite, Multi Max, Matrix™, FirmFit™, Quiet



Model	Other indications	Article Number
LS500 Dispenser		W12A-12376





**Earplug E-A-R™ Classic™**

The 3M™ E-A-R™ Classic earplugs are made from a soft energy absorbing polymer foam which provides excellent hearing protection and all day comfort. Ideal for use where noise is a problem either in work or leisure activities. Expands to the shape of the wearer's ear canal, thereby providing an effective acoustic seal.

EN standard EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
Classic	28	Box of 250		W29A-21093
Classic	28	Box of 200		W29A-21097
Classic	28	Bottle of 500	Use with PD-01-000 dispenser	W29A-21095



**Earplug E-A-R™ Classic™ Soft**

The 3M™ E-A-R™ Classic™ Soft earplug has a unique foam combination which warms to the body temperature and becomes softer which allows the earplug to mould to the individuals ear canal shape.

EN standard EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
Classic Soft	36	Bottle of 500	Use with PD-01-000 dispenser	W29A-21099
Classic Soft	28	Box of 200		W29A-21100



**Earplug E-A-Rsoft™ Yellow Neon**

The 3M™ E-A-R™ E-A-RSoft™ Yellow Neon Earplugs are made from a soft, slow-recovery foam for excellent noise reduction and comfort. A plug that gives evenly distributed pressure allowing flexibility and a good seal with optimum comfort. Brightly coloured earplugs are easy to spot in compliance checks.

EN standard EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
Soft Yellow Neon	36	Box of 250		W29A-21106
Soft Yellow Neon	36	Box of 200		W29A-21107
Soft Yellow Neon	36	Bag of 500	Use with PD-01-000 dispenser	W29A-21109



**Earplug E-A-R™ E-A-Rsoft™ FX**

With its smooth tapered finish, the 3M™ E-A-R™ E-A-RSoft™ FX earplug makes fitting easier and helps form a comfortable fit. The flange shape, when rolled down, serves as a very effective insertion device which makes the earplug very easy to fit.

EN standard EN 352-2



Model	SNR dB	Packaging	Article Number
Soft FX	39	Box of 200	W01A-50584
Soft FX	39	Box of 200	W29A-21114

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**Dispenser One-Touch™ PD-01-000**

3M E-A-R One-touch dispenser is easy to use: with a simple turning movement the 3M E-A-R earplugs are dispensed from the funnel. Shaped holder fits directly into your hand. The knob is accessible from the front and from both sides so that you can operate the dispenser with one hand turn.



Model	Other indications	Article Number
PD-01-000	Supplied empty	W01A-50761



**Earplug 1100 and 1110**

Made from soft hypoallergenic PU foam material to provide maximum comfort and low pressure inside the ear. Roll down earplugs, made from soft hypoallergenic foam material for lower pressure inside the ear. The tapered design fits most ear canals and is making the plugs easier to use. High durability and comfort.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
1100	37	Box of 200	W01A-50256
1110	37	Box of 100	W01A-50260



**Earplug disposable metal detectable corded**

Metal detectable corded disposable earplugs - ideal for food processing applications. For extra safety and convenience the earplugs are linked by a cord to reduce the risk of loss. SNR 36db.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
TS36DDC	36	Box of 100	W04Y-50032



**Earplug Laser Trak**

Laser Trak offers high visual and metal detectability in a Single-use earplug. Laser Trak's low-pressure foam expands gently inside the ear canal for comfortable long-term wear, while it's contoured T-shape delivers easy handling. A metal grommet on the earplug aids in metal detection, especially in process industries.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
Laser Trak	35	Box of 100	W12A-12403



**Earplug E-A-R™ E-A-Rsoft™ Metal Detectable**

Metal detectable earplug: all the advantages of the standard 3M™ E-A-Rsoft Earplug with the added benefits of a blue metal detectable cord and an integral stainless steel ball in the earplug. Ideal for use in food manufacturing industries.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
Earsoft Blue Detect	36	Box of 200	W29A-21117



**Earplug reusable uncorded**

Reusable uncorded earplug made of soft silicone for greater comfort and improved hearing protection. Washable. Compact design for easy storage. SNR 28db



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
TS28R	28	Box of 200	W04Y-50033



**Earplug reusable with cord**

Reusable corded earplug made of soft silicone for greater comfort and improved hearing protection. Washable. Compact design for easy storage. SNR 28db.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
TS28RC	28	Box of 100	W04Y-50034



**Earplug SmartFit**

The only multiple-use earplug with Conforming Material Technology™. SmartFit uses body heat to adapt to the shape of the ear canal for a comfortable, personalized fit. SmartFit Detectable's bright blue color and metalized features can be detected by visual or automated methods. It's the ultra-smart choice for today's diverse workplace.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
Smartfit	30	Box of 50	W12A-12379
Smartfit Detect	30	Box of 50	W12A-12378



**Earplug Fusion**

Fusion multiple-use earplugs use advanced manufacturing technology to deliver a revolutionary combination of all-day comfort and easy handling. Its FlexiFirm core ensures easy insertion into the ear canal and a superior fit all day long. Fusion's patented SoftFlange™ design adjusts perfectly to the ear canal to deliver unmatched comfort and superior attenuation. Two sizes – regular and small – provide optimal fit for comfort and safety, while its soft detachable fabric cord system adapts to any application.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
Fusion	28	Box of 50	W12A-12351



**Earplug E-A-R™ Ultrafit™**

A unique one size earplugs which fits most ear canals comfortably and provides a high level of attenuation. Made from flexible materials that are preformed to fit the ear. This reusable plug is comfortable, hygienic and economical as it can be washed.



EN standard EN 352-2

Model	SNR dB	Packaging	Article Number
Ultrafit	32	Box of 50	W29A-21125



**Earplug 1271**

The 3M™ Pre Moulded corded earplugs are supplied with a belt clip storage case that helps keep plugs convenient, clean and protected in between use. The polyester cord helps prevent loss, and ensures product is available when required making it more convenient for intermittent use. Finger grip design improves ease of insertion.

EN standard EN 352-2



Model	SNR dB	Packaging	Article Number
1271	25	Box of 50	W01A-50271



**Earplug E-A-R™ Tracer**

The soft flexible flanges of the 3M™ E-A-R™ Tracer earplug adapt to the shape of the ear canal to form a triple-seal against noise, whilst also being metal detectable. In addition they incorporate an easy to see blue metal detectable vinyl cord, the only colour classified as non-food colour. This makes them ideal for the food manufacturing industry. Supplied in re-sealable pillow-pack for ease of use.

EN standard EN 352-2



Model	SNR dB	Packaging	Article Number
Tracer	32	Box of 50	W29A-21126



**Earplug PerCap 5720**

For workers who are exposed to intermittent or low levels of noise. PerCap offers reliable protection from noise with ear pods that rest outside of the ear canal opening. Can be worn in three positions and folds down for pocket-sized storage.

EN standard EN 352-2



Model	SNR dB	Packaging	Other indications	Article Number
PerCap	24	Box of 1		W12A-12394
PerCap Pod	24	Box of 10	Spare ear plugs	W12A-12408



**Earplug E-A-R™ Caps**

One of the lightest earplugs on the market provides all-day reliable hearing protection for workers exposed to noise and also suitable as disposable hearing protectors for factory visitors. Comfortable to wear. 100% recyclable.

EN standard EN 352-2



Model	SNR dB	Packaging	Article Number
Earcap	23	Box of 40	W29A-50007
Earcap Pods	23	Box of 10	W29A-21132



**Earplug 1310**

Flexible band enables an optimum fit with slowly expanding foam. Soft rounded earplug provide reduced pressure and a comfortable seal. Lightweight (13grams). 100% recyclable.

EN standard EN 352-2



Model	SNR dB	Packaging	Article Number
1310	26	Box of 10	W01A-50272



**Ear defender Leightning**

Robust steel wire construction withstands demanding use, especially in tough environments. Features patented Air Flow Control technology, delivering optimal attenuation across all frequencies. Snap-in ear cushions make replacement quick and easy. Multiple attenuation levels allow for targeted attenuation for a variety of applications. Telescopic height adjustment remains fixed during use. Delivers high degree of comfort; ideal for situations where compact earmuffs and reliable Noise-Blocking protection are required.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
L1	30	Over-the-head	Black/Grey	EN352-1	W12A-12331
L2	31	Over-the-head	Black/Dark grey	EN352-1	W12A-12336
L3	34	Over-the-head	Black	EN352-1	W12A-12339
L3HADP	34	Helmet attachment	Black	EN352-3	W12A-12341
L3HV	34	Over-the-head	Hi Visibility Green	EN352-3	W12A-12342



**Ear defender Viking**

Multiple-position headband allows wearer to select position over-the-head, behind-the-head or under-the-chin. Features Bilsom's patented Air Flow Control™ technology, delivering optimal attenuation across all frequencies, without increasing earcup size or weight. Can be worn with hard hats, face shields, respirators and other PPE. Dielectric construction suitable for all workplaces, especially electrical environments.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
V1	30	Multi-position	Blue	EN352-1	W12A-12327
V3	32	Multi-position	Black/silver	EN352-1	W12A-12328



**Ear defender Impact**

Amplifies ambient sound to safe 82 dB. Response technology reverts to passive hearing protector when noise reaches 82 dB. Snap-in ear cushions make replacement quick and easy. Sound amplification allows wearers to hear important communication – alarms/warning signals, co-workers' voices. Directionally placed stereo microphones amplify and enhance sound for more natural hearing.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
Impact Sport	25	Over-the-head	Black/Green	EN352-1; EN352-4	W63D-50005



**Hygiene kit for Leightning and Viking**

Hygiene Kits for Leightning and Viking ranges of earmuffs.



Model	Article Number
L1 /V1	W47E-50183
L2	W47E-50184
L3/V3	W47E-50185



### Ear defender Optime™ I

The 3M™ PELTOR™ Optime™ I Ear Muff offers versatile protection and is very lightweight providing high wearer comfort. The product features a low profile design which minimises obtrusiveness, thus making it more compatible when used with other forms of PPE.



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Model	SNR dB	Carrying type	Colour	EN standard	Article Number
H510A	27	Over-the-head	Yellow	EN352-1	W13E-10117
H510B	26	Behind the head	Yellow	EN352-1	W13E-50005
H510P3E	26	Helmet attachment	Yellow	EN352-3	W01A-50667



### Ear defender Optime™ II

Frame made of stainless spring steel with soft padding - even in continuous use very convenient. A suitable protection for construction machinery, heavy industry, mining, airports, etc. Good attenuation at low frequencies.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
H520A	31	Over-the-head	Green	EN352-1	W13E-50007
H520B	31	Behind the head	Green	EN352-1	W13E-50008
H520F	31	Over-the-head	Green	EN352-1	W13E-50009
H520P3E	30	Helmet attachment	Green	EN352-3	W01A-50686



### Ear defender Optime™ III

Double-shell ear-muffs for extreme noise areas. Optimum protection with low weight and maximum wearer comfort, offers a maximum insulation for high frequencies.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
H540A	35	Over-the-head	Black/Red	EN352-1	W13E-10101
H540P3E	34	Helmet attachment	Black/Red	EN352-3	W13E-10100



### Ear defender X1

Designed with twin headband; reduces heat buildup and ensures good comfort and balance. The steel wire padded headband ensures constant pressure when working for longer periods and makes the earmuffs very comfortable to wear.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
X1A	27	Over-the-head	Black/Green	EN352-1	W01A-50807
X1P3	26	Helmet attachment	Black/Green	EN352-3	W01A-50808





### Ear defender X2

Designed with twin headband; reduces heat buildup and ensures good comfort and balance. The steel wire padded headband ensures constant pressure when working for longer periods and makes the earmuffs very comfortable to wear.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
X2A	31	Over-the-head	Black/Yellow	EN352-1	W01A-50809
X2P3	30	Helmet attachment	Black/Yellow	EN352-3	W01A-50810



### Ear defender X3

Designed with twin headband; reduces heat buildup and ensures good comfort and balance. The steel wire padded headband ensures constant pressure when working for longer periods and makes the earmuffs very comfortable to wear.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
X3A	33	Over-the-head	Black/Red	EN352-1	W01A-50811
X3P3	32	Helmet attachment	Black/Red	EN352-3	W01A-50812



### Ear defender X4

Designed with twin headband; reduces heat buildup and ensures good comfort and balance. The steel wire padded headband ensures constant pressure when working for longer periods and makes the earmuffs very comfortable to wear.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
X4A	33	Over-the-head	Black/Lime	EN352-1	W01A-50813
X4P3	32	Helmet attachment	Black/Lime	EN352-3	W01A-50814



### Ear defender X5

Designed with twin headband; reduces heat buildup and ensures good comfort and balance. The steel wire padded headband ensures constant pressure when working for longer periods and makes the earmuffs very comfortable to wear.



Model	SNR dB	Carrying type	Colour	EN standard	Article Number
X5A	37	Over-the-head	Black	EN352-1	W01A-50815
X5P3	36	Helmet attachment	Black	EN352-3	W01A-50816



**Hygiene kit for X series**

Hygiene kit for 3M Peltor X ear muffs. 10 per box.



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Model	Article Number
X1	W01A-50719
X2	W01A-50720
X3	W01A-50721
X4	W01A-50722
X5	W01A-50723



**Hygiene kit for Optime series**

Hygiene kit for 3M Peltor Optime ear muff.



Model	Article Number
Optime 1	W13E-50017
Optime II	W13E-50019
Optime III	W01A-50710



# Eye protection

## Legislation and regulations

Our vulnerable eyes are exposed to all sorts of dangers and risks in numerous circumstances at work. An accident in which the eyes come into contact with dust particles, fluid splashes, splinters, IR and UV rays, gases, and such like can have serious lasting consequences. And so, sound facial protection is absolutely essential.

The ergonomic aspect often plays a decisive role in the decision whether or not to wear safety goggles or eye protection in general. Workers often take irresponsible risks because the gear is not comfortable to wear. Paying sufficient attention to the comfort aspect of the correct safety goggles makes it possible to avoid an accident.

## Eye and face protection

Depending on the application, you have a choice of the following types of safety goggles and facial protection:

- Prescription eyewear
- Safety spectacles
- Goggles
- Face screens
- Welding shields
- Accessories

3

### European Standard for Eye Protection

General standards

EN 166 Personal eye protection specifications

EN 167 Optical test methods

EN 168 Non-optical test methods

### Standard by application types

EN 169 Welding filters

EN 170 Ultraviolet filters

EN 171 Infrared filters

EN 172 Solar protection filters for industrial use

EN 175 Welding eye protection

EN 207 Glasses for laser protection

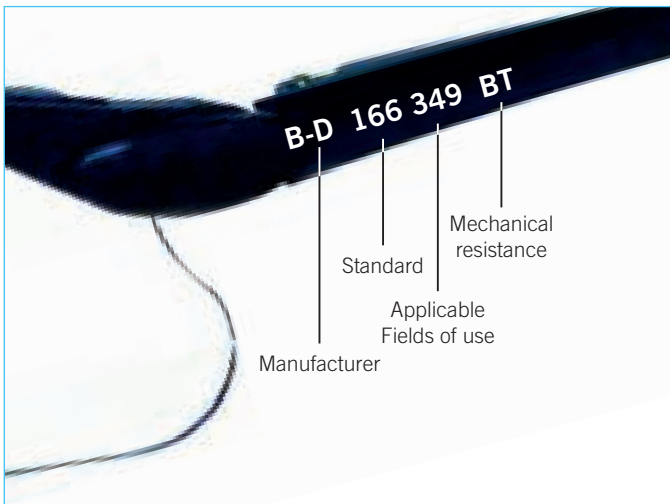
EN 208 Glasses for laser adjustment

EN 379 Specification concerning welding filters

### Frame marking

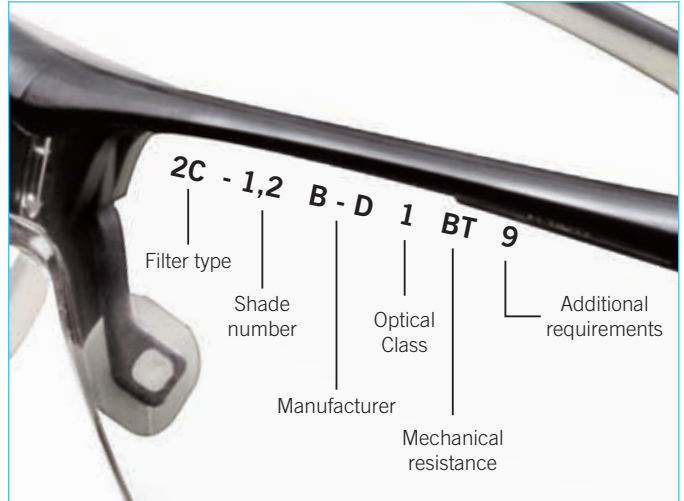
Frame markings must include the EC Symbol and the manufacturer's identification (logo or brand).

If spectacles refer to the EN standard, the number of the EN standard is compulsory with the various application and mechanical strength symbols, in accordance with the test requested by the manufacturer.



### Marking of lenses must include

- Echelon grating for filtering lenses
- Manufacturer's identification (logo or brand)
- Optical class
- Mechanical strength symbols, in accordance with test requested by the manufacturer
- Application symbols, in accordance with the tests requested by the manufacturer



### Markings for optical class:

1	Suitable for continuous work
2	For intermittent work
3	For occasional work - must be worn continuously

### Fields of use markings

3	Liquid droplets or splashes
4	Large dust particles > 5 microns
5	Gases and small dust particles < 5 microns
8	Short circuit electric arc
9	Molten metal and hot solids

### Mechanical strength symbols

S	Extra strong, resist a 22 mm 43 g ball falling 1.30 m
F	Low energy impact, resist a 6 mm 0.86 g ball at 45 m/s. F = Maximum protection for spectacles with side arms
B	Average energy impact, resists a 6 mm 0.86 g ball at 120 m/s. B = Maximum protection for goggles.
A	High-energy impact, resists a 6 mm 0.86 g ball at 190 m/s. A = Maximum protection for face screens
T	Combination of medium impact at high temperature

### Coatings

K	Resistance to abrasion
N	Resistance to fogging



**Spectacles safety Adaptec**

One Style. Three Sizes. Customized Fit & Performance. Research Shows that different facial features demand customized adjustability. Adaptec is an adjustable eyewear system that can be worn by the widest range of workers and still deliver excellent protection, superior comfort, customized adjustability, premium optics and a stylish look.

**Honeywell**

**Norm** EN 166 1 FTKN; EN 170 2C-1.2

Size	Colour	Colour lens	Coating	Article Number
Narrow	Black	Clear	Anti Mist & Anti Scratch	W47E-50176
Normal width	Black	Clear	Anti Mist & Anti Scratch	W47E-50177
Wide	Black	Clear	Anti Mist & Anti Scratch	W47E-50178

3



**Spectacles safety Protégé**

Combines sport styling with lightweight comfort and flexible design. Floating lens design offers increased flexibility with a secure wraparound brow that expands to fit a wide range of users.

**Honeywell**

**Norm** EN 166 1 FT; EN170 2C-1.2

Colour	Colour lens	Coating	Article Number
Black	Clear	Anti Mist & Anti Scratch	W47E-50127
Black	Grey	Anti Mist & Anti Scratch	W47E-50124
Black	Yellow	Anti Mist & Anti Scratch	W47E-50134



**Spectacles safety XC**

XC stands for X-tra Coverage, X-tra Comfort and X-tra Control. Loaded with features with quick and easy lens replacement and an RX insert for prescription wearers.

**Honeywell**

**Norm** EN 166 1 FT; EN170 2C-1.2

Colour	Colour lens	Coating	Article Number
Blue	Clear	Anti Mist	W21C-72865
Blue	Grey	Anti Mist	W47E-50180



**Spectacles safety Millenia 2G**

Classic and simple in design with a sporty touch to boost worker compliance. The comfortable nose pads help prevent the eyewear from slipping. Large viewing area. Superior eye and cheek coverage.

**Honeywell**

**Norm** EN 166 1 FT K; EN 170 2C-2.5

Colour	Colour lens	Coating	Article Number
Black	Clear	Anti Scratch	W47E-50192
Black	Grey	Anti Scratch	W47E-50193



**Spectacles safety Instinct**

Exceptional Coverage, comfort style in a 7-base high coverage lens. Ratcheting temples for proper lens inclination and flexible soft "finger" nose piece. Extreme comfort Multi-Material Technology (MMT) ultra-soft two-shot material on any part of the frame in contact with the face or head (brow, nose bridge and temples).

**Honeywell**

**Norm** EN 166 1 FT K; EN 170 2C-1.2

Colour	Colour lens	Coating	Article Number
Red/Black	Clear	Anti Mist & Anti Scratch	W47E-50187
Red/Black	Clear	Anti Mist & Anti Scratch	W47E-50188
Red/Black	Yellow	Anti Mist & Anti Scratch	W47E-50189



**Spectacles safety A800**

Affordable and economically priced! Sporty, wrap-around eyewear with unique temples with extra “Flex” built in for increased tension control.

**Norm** EN 166 1 F; EN 170 2C-1.2

**Honeywell**

Colour	Colour lens	Coating	Weight g	Article Number
Clear	Clear	Anti Mist	21.5	W47E-50131
Grey	Grey	Anti Mist	21.5	W47E-50129



**Spectacles safety SP1000**

Provides protection against impact, wind, dust and airborne debris. Ideal for dirty, high-particulate work environments such as grinding, chipping, shaving and sanding. Modern design that can be worn with temples or headband.

**Norm** EN 166 1 FTKN; EN 170 2C-1.2

**Honeywell**

Colour	Colour lens	Coating	Article Number
Black	Clear	Anti Mist & Anti Scratch	W47E-50169
Black	Grey	Anti Mist & Anti Scratch	W47E-50170
Black	Yellow	Anti Mist & Anti Scratch	W47E-50171



**Spectacles safety Op-Tema**

Affordably priced protection for maximum value. Lightweight full view lens, built-in moulded browbar, soft adjustable nosepiece, adjustable temple length and lens angle.

**Norm** EN 166 1 FT; EN 170 2C-1.2

**Honeywell**

Colour	Colour lens	Coating	Article Number
Blue	Clear	Anti Scratch	W58A-27442



**Spectacles safety A700**

Economical and stylish eye protection with sport temples for a fashionable yet comfortable fit. Sporty- wrap-around design

**Norm** EN 166 1 FT; EN 170 2C-1.2

**Honeywell**

Colour	Colour lens	Coating	Article Number
Clear	Clear	Anti Mist	W47E-50125
Grey	Grey	Anti Mist & Anti Scratch	W47E-50123
Yellow	Yellow	Anti Scratch	W47E-50045



**Spectacles safety Securefit 200**

The 3M™ SecureFit™ series comprises a rimless lens and fixed length temple arm. An integrated side shield is included for added protection. Temples also feature 3M Pressure Diffusion Temple Technology which helps diffuse pressure over the ear to enhance frame comfort across a diverse workforce. This innovative design promotes improved comfort and security of fit.

**Norm** EN 166 1 FT; EN 170 2C-1.2

**3M**

Colour	Colour lens	Coating	Article Number
Clear	Clear	Anti Scratch	W01A-50775
Clear	Clear	Anti Mist & Anti Scratch	W01A-50774
Grey	Grey	Anti Scratch	W01A-50776
Yellow	Yellow	Anti Mist & Anti Scratch	W01A-50777





**Spectacles safety Securefit 400**

The 3M™ SecureFit™ series comprises a rimless lens and fixed length temple arm. An integrated side shield is included for added protection. Temples also feature 3M Pressure Diffusion Temple Technology which helps diffuse pressure over the ear to enhance frame comfort across a diverse workforce. This innovative design promotes improved comfort and security of fit.

**Norm** EN 166 1 FT; EN 170 2C-1.2



3

Colour	Colour lens	Coating	Weight g	Article Number
Green/Black	Clear	Anti Mist & Anti Scratch	19	W01A-508205
Green/Black	Grey	Anti Mist & Anti Scratch	19	W01A-508206
Green/Black	Yellow	Anti Mist & Anti Scratch	19	W01A-508207



**Spectacles safety 2840**

Unique style, the 3M™ 2840 Spectacles has been designed with user comfort and convenience in mind. The temples are inclinable and adjustable in length enabling individual adjustment and optimal personal fit. The soft dual moulded padding on the temple offers increased comfort and has an integrated browguard for increased.

**Norm** EN 166 1 F; EN 170 2C-1.2



Colour	Colour lens	Coating	Weight g	Article Number
Clear	Clear	Anti Mist & Anti Scratch	26	W01A-50315



**Spectacles safety Maxim Ballistic**

The 3M Maxim Spectacles has an aspherical lens for 180° of pure vision and superior eye coverage. This model has been specifically designed to wear in combination with helmet and/or earmuffs and exceeds Military Vo test regimen for high velocity impact (Standard MIL-STD 662 - impact at 198m/s).

**Norm** EN 166 1 FT; EN 170 2C-1.2



Colour	Colour lens	Coating	Article Number
Black	Clear	Anti Mist & Anti Scratch	W01A-50280



**Spectacles safety Maxim™**

Ventilation channels across the lens to minimise misting with a DX coating to resist fogging, scratching and chemicals. Soft, universal nosebridge with dual-injected cushion browguard for increased comfort and shock absorption. Adjustable temple lengths and pantoscopic (angle) adjustments.

**Norm** EN 166 1 FT; EN 170 2C-1.2



Colour	Colour lens	Coating	Article Number
Black	Clear	Anti Mist & Anti Scratch	W01A-50275



**Spectacles safety Virtua AP**

The new 3M Virtua AP safety glasses feature a graceful, unisex styling and lightweight comfort to help promote compliance.

**Norm** EN 166 1 FT; EN 170 2C-1.2



Colour	Colour lens	Coating	Article Number
Clear	Clear	Anti Scratch	W01A-50532



**Spectacles safety Solus**

Optimum tuning of the glass curvature for fit, field of view and eye protection, viewing panels anti-fog coated. Supplied in microfibre bag.

**Norm** EN 166 1 FT; EN 170 2C-1.2



Colour	Colour lens	Coating	Article Number
Orange/black	Clear	Anti Mist & Anti Scratch	W01A-50518



**Over-spectacles safety 2800**

Comfortable and Versatile. Featuring an inclinable lens and thin adjustable temples, the 3M™ 2800 Over-Spectacles are designed to fit over most prescription spectacles with minimal interference.

**Norm** EN 166 1 FT; EN 170 2C-1.2



Colour	Colour lens	Coating	Article Number
Black	Clear	Anti Scratch	W01A-50309



**Goggles safety DuraMaxx**

Innovative OTG goggle with high comfort, large panoramic field of vision and protection in a elegant, stylish design. Combines modern design with superior lens coating (new Dura-streme coating) .

**Norm** EN 166 1 BT 34KN; EN 170 2C-1.2



Colour	Colour lens	Coating	Article Number
Grey	Clear	Anti Mist & Anti Scratch	W47E-50150



**Goggles safety V-Maxx**

This sporty goggle with 180 ° field of view without distortion. Swivel mounting mechanism for the headband. Suitable for many applications, can be easily worn over prescription glasses and with breathing protection. The mounting mechanism facilitates the use of helmets.

**Norm** EN 166 1 B 349; EN 170 2-1.2



Colour	Colour lens	Coating	Article Number
Red	Clear	Anti Mist	W58A-27443



**Goggles safety 2890**

Modern slim design, the 3M™ 2890 Safety Goggles combine performance, comfort and style while providing the wearer with an excellent field of vision. Vented for improved circulation, comfort and reduced fogging in hot/humid conditions.

**Norm** EN 166 1 BT 349 ; EN 170 2C-1.2



Colour	Colour lens	Coating	Article Number
Grey	Clear	Anti Mist & Anti Scratch	W01A-50320
Grey	Clear	Anti Mist	W01A-50321



**Headgear & Face shield Turbosield**

The Turbosield range is perfect for workers exposed to falling or flying objects, impact, splash, UV and airborne debris. It can also be comfortably worn with most goggles, respirators and earmuffs. The Headgear face protection system features patent-pending suspension cushioning and patented visor push button latch release mechanism ensuring easy attachment of visors. Visors can also be attached to a wide range of hard hats using the helmet-mounted carrier. (Visors sold separately).

**Honeywell**

Model	Type	Viewing window mm	Material	Norm	Article Number
Turbosield	Ratchet browguard		ABS	EN166	W47E-50190
TS Clear PC	Visor	172	Polycarbonate	EN166, EN169, EN170, EN172	W47E-50191
TS Clear PC AS	Visor	172	Polycarbonate	EN166, EN169, EN170, EN172	W47E-50194
TS Attach	Helmet attachment		Reinforced nylon	EN166	W47E-50195



**Faceshield Bionic**

Advanced ergonomic design with extended chin and top-of-head protection, and a ratcheting headgear mechanism for a secure and comfortable fit. Comfortable fit with goggles or breathing protection. Locking mechanism for greater security. 100% dielectric.

**Honeywell**

Model	Type	Material	Norm	Article Number
BIONIC PC	Complete unit	Polycarbonate	EN166	W47E-50102
BIONIC PC AF/AS	Complete unit	Polycarbonate	EN166	W47E-50103



**Browguard & Faceshield Supervisor**

Robust, heavy-duty, helmet attached & browguard visor carriers. Wide visor selection that can be tailored to the specific hazard/application (sold separately).

**Honeywell**

Model	Type	Viewing window	Material	Norm	Article Number
SB600	Ratchet browguard		Polycarbonate	EN166	W47E-50026
SV9AC/CG	Visor	200	Acetate	EN166	W47E-50027
SV9PC	Visor	230	Polycarbonate	EN166	W47E-50029
SA660	Helmet attachment		Plastic	EN166	W47E-50024



**Browguard & Faceshield Clearways**

Economical choice. Clearways offers both strength and durability with economical replacement visors available in acetate or polycarbonate (sold separately).

**Honeywell**

Model	Type	Viewing window mm	Material	Norm	Article Number
CB20	Ratchet browguard		Polycarbonate	EN166	W47E-50017
CB14	elastic browguard		Polycarbonate	EN166	W47E-50016
CV83P	Visor	200	Polycarbonate	EN166	W47E-50018
CV84A	Visor	200	Acetate	EN166	W47E-50020



**Welding helmet flip-up Prota Shell Baby**

Proto-shell Baby welding helmet with flip-up glass holder 50x108 mm. Comes with welding lens DIN 10. Adjustable headband with ratchet.

**Honeywell**

Sensitivity	Viewing window	Article Number
Shade 10	108x50mm	W65K-50201



### Welding helmet Speedglas type 9100

The Speedglas welding helmet series 9100 is built on 30 years of expertise and sets a new benchmark in welding helmet technology. The Speedglas series 9100 is designed for professional welders who require optimum comfort, trusted protection and ultimate performance. Speedglas series 9100 welding helmets are also available with a safety helmet, flip-up functionality and integrated respiratory protection.



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Model	Sensitivity	Viewing window	Article Number
9100V	Shade 5 to 13	45 x 93	W01A-50021
9100X	Shade 5 to 13	54 x107	W01A-50022
9100XX	Shade 5 to 13	73 x107	W01A-50023



### Welding helmet Speedglas type SL

The 3M™ Speedglas™ SL Welding Shield is 25% lighter than any other Speedglas model. Designed specifically for quick welding tasks, a motion sensor automatically turns ON the welding filter when you pick up the shield. Appropriate for most arc welding processes – such as MMA, MIG/MAG, TIG and plasma welding. Five adjustable dark shades 8 – 12 Light shade 3 Four sensitivity settings Grab & Go – auto ON function Total weight 360 grams



Model	Sensitivity	Viewing window	Article Number
SL	Shade 8 to 12	42 x 93	W01A-50025



### Welding helmet Speedglas™ type 100

A Speedglas entry level auto-darkening (ADF) welding filter. Excellent quality optical welding filter for an attractive price.



Model	Sensitivity	Viewing window	Article Number
100V	Shade 8 to 12	110x90	W01A-50024



### Lens cleaner

Lens cleaning spray to care for safety eyewear, goggles and faceshields.



Packaging	Volume	Article Number
	l	
Station containing Spray + 1500 tissues	0.5	W47E-50095
Spray Bottle	0.5	W21C-72866
Box of 500 tissues		W47E-50094



# Respiratory protection

Fine particles, toxic gases, vapours, smoke or mist in the atmosphere are latent health hazards. In the short term, they can cause or worsen acute problems with your airways and in the long term they affect the lung function ... and this can have dire consequences of course.

By acting preventatively and providing employees with suitable respirators, a large part of the unhealthy effect can be eliminated.

However, correct use of these respirators is crucial. When the masks are not put on correctly or do not entirely correspond with the face profile, the necessary protection is insufficient or even non-existent. That is why ERIKS attaches so much importance to the correct use of the disposable masks.

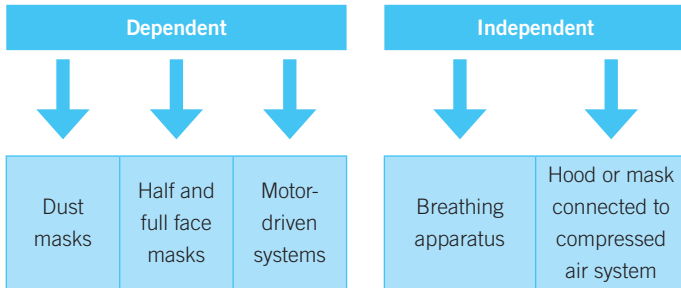
A Fit Test will determine what type of mask is best suited to the wearer. It also trains the employee in how to fit a mask correctly.

## Respiratory protection

Oxygen. A human being can't do without it. Under certain working conditions this vital air becomes unhealthy and even (life-threateningly) hazardous to breathe. The air in a work environment is often visibly, but just as often invisibly, polluted by dust particles, smoke, spray, gases and/or steam. Combinations of pollutions are also possible and it can be a question of oxygen displacement. In such risky environments, preventative measures or protection of the airways is vital for the well-being of yourself and/or your employees.

Respiratory protection can be differentiated as dependent and independent respiratory protection.

4



### Dust masks

#### What is the OEL-value?

For each harmful substance there is an OEL (Occupational Exposure Limit) or threshold that indicates the maximum permissible concentration of gas or vapours in ml/m<sup>3</sup>, in ppm (parts per million) of dust particles or of fibres in f/m<sup>3</sup> (fibres per m<sup>3</sup>). The OEL values are adjusted regularly as part of the progress of scientific research. When this MAC value is exceeded, wearing respiratory protection is mandatory.

For a number of substances these values have been fixed at the European level. The remaining large portion is fixed nationally:

Netherlands	WPG (Legal Public Threshold) and private thresholds
Belgium	BGW (Belgian Threshold)
France	VLEP (Value of Limit of Professional Exposure)
England	OEL (Occupational Exposure Limit)
Germany	AGW (Workplace Threshold)
Switzerland	VME/VLE Average exposure limit value

Type	Offers protection against	NPF	APF
FFP1	Inert dust and airborne particles. (Not against CMR substances )	4	4
FFP2	Harmful dust and airborne particles. (Not against CMR substances )	12	10
FFP3	Higher concentrations harmful dust and airborne particles	50	20

The following extra encoding is possible:

D:	Dolomite test: Dust masks that have undergone this test may be used during several shifts.
R/NR:	Reusable / non-reusable: In case the mask has a complete face seal on the inside it may be cleaned and re-used.
V:	Exhalation valve present

### Legislation and regulations

CMR substances are carcinogenic mutagenic repro-toxic substances. More specifically, substances which on their own (carcinogenic substances) or in combination with other substances (mutagenic substances) can cause cancer. Repro-toxic substances can have a negative effect on fertility, but also cause damage during the development of the unborn child and result in congenital disorders.

#### NPF - Nominal Protection Factor

The theoretical protection level of a respirator is based on the performance measured during tests in laboratories. The NPF is calculated by the Total Inward Leakage (TIL), as specified in the EN in question, divided by 100. The maximum concentration of a substance in the air, against which a respirator offers protection, is calculated by multiplying this NPF with the limit (the limits are specified in the lists published by the European authorities). The Nominal Protection Factor is a number denoting the level of minimal protection of the relevant type of mask. The higher the number, the better the protection.

#### APF - Assigned Protection Factor

Determined following practical tests in the workplace. Unsatisfactory maintenance, instruction, incorrect use, movement, etc. are taken into account. As specified in BS4275, APF is the level of protection, which can be realistically achieved for 95% of trained and supervised users.

For more information on workplace exposure limits, and to view the list of substances currently listed visit [www.hse.gov.uk](http://www.hse.gov.uk).



## Selection and use

ERIKS does not merely help you with selecting your disposable mask, but also gives you more information as to how these high-quality products should be used in order to guarantee maximum protection.

### Selection

A disposable mask protects against:

Dust	Particles whether or not floating in the air (i.e caused when solid materials are crushed).
Mist	Liquid particles floating in the air.
Fumes	Metal particles floating in the air resulting from a combustion process.

### Warning:

Disposable masks should not be used in oxygen deficient atmospheres, or against harmful gases and vapours in concentrations exceeding the limit value. Incorrect use and a bad fit do not achieve the desired results and can have dire consequences. Always follow the fitting instructions carefully. Wearers of masks should have received appropriate training on how to fit masks properly.

### Fit testing

There are 2 methods of fit testing – qualitative, and quantitative. A quantitative fit test measures the adequacy of a respirator's fit by numerically measuring the amount of leakage into the respirator. The OSHA protocols include use of a PortaCount, CNC or CNP test. A qualitative test is a simple pass/fail using the method explained below. Tight-fitting disposable and reusable half masks can be testing using either method.

### Why Fit Test?

Personal Protective Equipment offers protection against specific risks to the health and safety of employees. However, PPE can also expose the user to risk through improper use, incorrect application etc. The right choice of PPE and their correct use are therefore essential.

More than with gloves, footwear, or eye wear, the correct fit of respirator is critical for its effectiveness. A Fit Test includes training on how to fit a mask correctly to ensure a good face seal.

Fit tests must be carried out by a competent person.

### Method

A wearer should first be shown how to fit a mask properly. Then a hood is placed over the head – with the mask still fitted. A sweet or bitter solution is sprayed into the hood with an atomiser. If the wearer can taste the substance, he/she will be retested and adjustments will be made as long as the leak remains.

The test has only been successful if the employee can no longer taste anything. The mask is then approved.

Please contact your local ERIKS Service Centre for more information

## Half and full face maks with replaceable filters

These masks are used as protection against gases, vapours and dust particles.

The dust filters are indicated by the colour coding white and the letter P1, 2 or 3. These filters are only used as changeable filters in masks. The user can, therefore, depending on the type of dust, choose which type of filter he/she wants to insert into the mask.

The gas filters are classified according to the medium for which they are used:

Type	Application	Colour
A	For organic gases and vapours with an evaporation point > 65 °C	Brown
AX	For organic gases and vapours with an evaporation point < 65 °C	Brown
B	For inorganic gases and vapours except CO	Grey
E	For acidic gases and vapours and sulphur dioxide SO <sub>2</sub>	Yellow
K	For ammonia vapours and organic ammonia derivatives	Green
NO	For nitrous vapours	Blue
CO	For carbon oxide	Black
Hg	For mercury vapours	Red
Re	Reactor filter	Yellow

The filters A, B, E and K are again divided in classes as a function of their filter capacity:

Type	Capacity
Class 1	Small capacity up to 1000 ppm
Class 2	Medium capacity up to 5000 ppm
Class 3	Greater capacity up to 10000 ppm

The different types of dust- and gas filters may be used together in combination filters. Should combination filters be used, then the protection time usually decreases. These filters contain all colours of the available separate filters.

A few examples:

Type	Application	Colour
A2B2	Organic and inorganic gases and vapours class 2	Brown
B2P2	Inorganic gases and vapours class 2 and particle filter P2	Grey
K3P3	Ammonia gases and vapours class 3 and particle filter P3	Green
ABEK2P3	Organic, inorganic and acid gases and vapours class 1, ammonia class 2 and particle filter P3.	Brown, Grey, Yellow, Green

## Systems with air supply

In installations, work places, difficult to access places, enclosed areas, etc. where the oxygen concentration in the air of the environment is possibly too low, and/or where too high concentrations of substances dangerous to one's health are present, wearing independent respiratory protection is mandatory. This respiratory protection must consist of respiratory protection devices that are not dependent on the environmental air in the area such as Self Contained Breathing Apparatus.

Motor-driven systems and systems with air supply have 3 easily selected modules that may be combined with each other:

- Respiratory equipment.
- A hood.
- A breathing tube.

The following standards apply to respiratory protection:

<b>EN 136</b>	Full face masks
<b>EN 137</b>	Independent compressed air breathing apparatus
<b>EN 140</b>	Half face masks and quarter masks
<b>EN 141</b>	Gas- and combination filters (note, this is the old standard, it has been replaced by EN 14387)
<b>EN 143</b>	Particle filters
<b>EN 146</b>	Powered filters (note, this is the old standard, it has been replaced by EN 12941)
<b>EN 148-1</b>	Standard screw thread for face pieces (RD 40)
<b>EN 149: 2001 + A1 2009</b>	Particle masks
<b>EN 270</b>	Compressed air breathing apparatus with hood (note, this is the old standard, it has been replaced by EN 14593/ EN 14594)
<b>EN 402</b>	Compressed air breathing apparatus for escape purposes with full face masks or mouthpiece assembly
<b>EN 403</b>	Escape masks (with hood for escape purposes during fire)
<b>EN 405: 2001 + A1 2009</b>	Filtering half face mask for protection against gases or gases and particles
<b>EN 529</b>	Choice, use, care and maintenance breathing protection equipment
<b>EN 1146</b>	Independent breathing escape apparatus with hood
<b>EN 1827</b>	Half face masks without inhalation valve and with separable filters for protection against gas or gas and particles or against particles only
<b>EN 1835</b>	Hose apparatus (note, this is the old standard, it has been replaced by EN 14593-1 en 2/EN 14594)
<b>EN 12021</b>	Compressed air for breathing apparatus
<b>EN 12941</b>	Powered filters combined with a helmet or a hood
<b>EN 12942</b>	Powered filters combined with full-, half- or quarter face masks
<b>EN 14387</b>	Gas- and combination filters
<b>EN 14593-1</b>	Hose apparatus with breathing apparatus and full face mask
<b>EN 14593-2</b>	Hose apparatus with breathing apparatus and half face mask
<b>EN 14594</b>	Hose apparatus with continuously flowing compressed air



### Respirator disposable Comfort series fold flat Aura™

Low Breathing Resistance Filter Technology gives effective filtration with low breathing resistance for consistent high quality performance. Individual hygienic packaging helps protect the respirator from contamination before use. 3M™ Cool Flow™ exhalation valve offers improved comfort in hot and/or humid environments and where work is physically demanding. EN 149:2001



4

Model	Protection class	Exhalation valve	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Article Number
9310+	FFP1	No	4	4	Box with 20 pieces	W01A-50562
9312+	FFP1	Yes	4	4	Box with 10 pieces	W01A-10322
9320+	FFP2	No	12	10	Box with 20 pieces	W01A-10112
9322+	FFP2	Yes	12	10	Box with 10 pieces	W01A-10113
9330+	FFP3	No	50	20	Box with 10 pieces	W01A-508204
9332+	FFP3	Yes	50	20	Box with 10 pieces	W01A-10114



### Respirator disposable 8300 Comfort series

Reliable, effective protection against fine particulates. Excellent fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design. Comfortable, lightweight off-the-face design. EN 149:2001



Model	Protection class	Exhalation valve	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Article Number
8310	FFP1	No	4	4	Box with 10 pieces	W01A-50552
8312	FFP1	Yes	4	4	Box with 10 pieces	W01A-50553
8320	FFP2	No	12	10	Box with 10 pieces	W01A-50554
8322	FFP2	Yes	12	10	Box with 10 pieces	W01A-50293
8833	FFP3	Yes	50	20	Box with 10 pieces	W01A-10318



### Respirator disposable nuisance odour relief 9913 FFP1 unvalved

Reliable, effective protection against fine particulates. Activated carbon layer provides relief from low levels of specific gases and vapours. Good fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design. Comfortable, lightweight off-the-face design. EN 149:2001 FFP1



Model	Protection class	Exhalation valve	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Article Number
9913	FFP1	No	4	4	Box with 20 pieces	W01A-10324



### Respirator disposable nuisance odour relief 9915

Designed to offer relief from the irritation of low levels of specific gases and vapours, often present alongside particulate hazards. Activated carbon layer provides relief from low levels of specific gases and vapours. Good fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design. Comfortable, lightweight off-the-face design. EN 149:2001 FFP1



Model	Protection class	Exhalation valve	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Article Number
9915	FFP1	Yes	4	4	Box with 20 pieces	W01A-10326



### Respirator disposable welding fume valved

Lightweight, effective, comfortable and hygienic respiratory protection against dust, mist and fume. It also provides additional relief from low to moderate levels of organic vapours or acid gases. EN 149:2001 FFP2



Model	Protection class	Exhalation valve	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Article Number
9925	FFP2	Yes	12	10	Box with 10 pieces	W01A-10115
9928	FFP2	Yes	12	10	Box with 10 pieces	W01A-10328

### Respirator disposable cup shaped 8835 & 8825

Expanded filter area, unique design reduces breathing resistance. 3M Cool Flow valve reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions. Soft sealing ring and adjustable straps for a comfortable, properly sealed fit. EN 149:2001



Model	Protection class	Exhalation valve	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Article Number
8825	FFP2	Yes	12	10	Box with 5 pieces	W01A-10110
8835ML	FFP3	Yes	50	20	Box with 5 pieces	W01A-10319

### Respirator disposable Classic series cup shaped

Reliable, effective protection against fine particulates. Good fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design. Comfortable, lightweight off-the-face design. EN 149:2001



Model	Protection class	Exhalation valve	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Article Number
8710	FFP1	No	4	4	Box with 20 pieces	W01A-10316
8810	FFP2	No	12	10	Box with 20 pieces	W01A-10108
8812	FFP1	Yes	4	4	Box with 10 pieces	W01A-10317
8822	FFP2	Yes	12	10	Box with 10 pieces	W01A-10109

### Respirator reusable half mask 4000 series

The 4000 series is a unique range of respirators with integral filters designed for effective and comfortable protection against many gases, vapours and combination particulate hazards found throughout industry. Discard after 1 month or when filters are saturated (whichever comes first).



Norm EN 405:2001 + A1:2009

Model	Protection class	Nominal protection factor (NPF)	Assigned protection factor	Other indications	Article Number
4255	FFA2P3 RD	50	20	For organic vapour & particulates	W01A-10267
4251	FFA1P2 RD	12	10	For organic vapour & particulates	W01A-10105
4277	FFABE1P3 R D	50	20	For organic vapour, inorganic vapour, acid gas, and particulates	W01A-10106
4279	FFABEK1P3 R D	50	20	For organic vapour, inorganic vapour, acid gas, ammonia, and particulates	W01A-10107

### Respirator reusable half mask 6500QL series

3M™ 6500 series delivers comfort, durability and stability with a firm, lightly textured silicone faceseal and strong body construction. 3M™ Cool-Flow™ valve helps to remove hot, exhaled air. 'Quick latch' design allows the respirator to be removed and re-fitted quickly and easily without disturbing other items of PPE.



Norm EN140

Model	Size	Article Number
6502QL	M	W01A-508202
6503QL	L	W01A-508203



### Respirator reusable half mask 6000 series

Lightweight, (elastomeric) face piece. Unique 3M™ Bayonet filter fixing system. Cradle head harness and easy fasten neck strap. Few replaceable parts for easy maintenance. Twin filter design for even distribution of weight and minimal obstruction to field of vision. Utilises all of the 3M™ 2000, 5000 and 6000 Series Filters. EN 140

Norm EN140



Model	Size	Article Number
6100	S	W01A-10300
6200	M	W01A-10301
6300	L	W01A-50250

4



### Respirator reusable half mask 7500 series

Utilises all of the 3M™ 2000, 5000 and 6000 Series Filters. Soft silicone material provides unparalleled wearer comfort. 3M™ Cool Flow™ Valve provides easier breathing and reduced heat and moisture build-up. Twin filter design for even distribution of weight and minimal obstruction to field of vision. Unique 3M™ Bayonet filter fixing system. Unique head harness and optional drop-down strap design provide greater stability, an increased level of comfort and ease of use. EN 140

Norm EN140



Model	Size	Article Number
7501	S	W01A-10311
7502	M	W01A-10312
7503	L	W01A-10313



### Respirator reusable full face mask 6000 series

Extremely lightweight - 450gms (without filters). Wide field of vision. Polycarbonate lens is impact resistant to EN166:B. 3M™ Cool Flow™ Valve allows exhaled air to escape quickly and easily for improved wearer comfort. Soft, hypo-allergenic elastomeric face piece. Four strap suspension, easy to put on and take off. Speech transmission zone. Unique 3M bayonet filter fixing system. EN 136

Norm EN 136 class 1; EN166:2001 B



Model	Size	Article Number
6700	S	W01A-50484
6800	M	W01A-50251
6900	L	W01A-50252



### Filter 6000 series gas and vapour

6000 series gas and vapour cartridges suitable for 3M™ 6000 and 3M™ 7000 series half and full face masks

Norm EN14387:2004 + A1:2008



Model	Protection class	Nominal protection factor (NPF)	Assigned protection factor		Other indications	Article Number
6051	A1			Box of 8	For organic gases & vapours boiling point >65°C	W01A-10292
6054	K1			Box of 8	For ammonia and derivatives	W01A-10293
6055	A2			Box of 8	For organic vapours boiling point >65°C	W01A-10294
6057	ABE1			Box of 32	For organic vapours boiling point >65°C, inorganic vapours and gases.	W01A-10295
6075	A1+			Box of 8	For organic vapours boiling point >65°C, and formaldehyde	W01A-10297
6059	ABEK1			Box of 8	For organic vapours boiling point >65°C, inorganic vapours and gases, ammonia and derivatives	W01A-10296
6096	A1HGP3R	50	20	Box of 16	For organic vapours boiling point >65°C, mercury vapours, and particulates	W01A-50480
6098	AXP3R	50	20	Box of 4	For single compound organic vapours boiling point >65°C, and particulates	W01A-10298
6099	ABEK2 P3R	50	20	Box of 4	For organic vapours, inorganic vapours and acidic gases boiling point >65°C, and particulates	W01A-10299



### Filter 5000 series combination

5000 series dust combination filter suitable for 3M™ 6000 and 3M™ 7000 series half and full face masks.

Norm EN143 2000



Model	Protection class	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Other indications	Article Number
5911	P1R	4	4	Box of 20	For solid & liquid particles	W01A-10286
5925	P2R	12	10	Box of 30	For solid & liquid particles	W01A-10287
5935	P3R	50	20	Box of 20	For solid & liquid particles	W01A-10288

4



### Respirator Filter Retainer 501

Pre Filter Retainer 501, used to clamp particulate pre-filters on to gas and vapour filters.



Model	Packaging	Article Number
501	Pack of 2	W01A-10282



### Filter 2000 series particulate

Respirator 2000 series particulate filter for 3M™ 6000 and 7000 series half and full face masks

Norm EN143 2000



Model	Protection class	Nominal protection factor (NPF)	Assigned protection factor	Packaging	Other indications	Article Number
2125	P2R	12	10	Box of 20	For solid & liquid particles	W01A-10242
2128	P2R	12	10	Box of 20	For solid & liquid particles, Ozone 10xTLV, and organic vapour/acid gas less than 10xTLV	W01A-10243
2135	P3R	50	20	Box of 20	For solid & liquid particles	W01A-10244
2138	P3R	50	20	Box of 20	For solid & liquid particles, Ozone 10xTLV, and organic vapour/acid gas less than 10xTLV	W01A-10245



### Mask cleaner 0105 (box of 40)

The 3M™ 105 Face Seal Cleaner is an individually wrapped wipe for cleaning and freshening the face piece without damaging it.



Model	Packaging	Article Number
105	Box of 40	W01A-10233





# Hand and arm protection

As many working tools as we may have at our disposal, our arms and hands still make up the most important, essential working tool that allows us to handle every other tool. Therefore, our arms and hands deserve the correct protection.

## Make the right choice

The assortment of gloves is very wide and for each application there is a specific glove. It is an art to make the right selection from this wide range. A selection that is both applications orientated as well as commercially justifiable.

The material, from which the glove is made, plays an essential part in the determination of the possible applications. The comfort of the user is in this case also decisive because certain materials are, after all, better suited for finer work and other materials offer better protection.

In this catalogue the arm and hand protection devices are subdivided into the following types:

- Precision handling / General use
- Cut resistant
- Chemical resistant
- Heat resistant
- Cold insulating
- PVC
- Disposables

## 5 Legislation and regulations

### Standard EN 420: 2003

General requirements for protective gloves

#### Scope

This standard defines the general requirements for glove design and construction, innocuousness, comfort and efficiency, marking and information applicable to all protective gloves. This standard can also apply to arm guards.

All gloves are divided into 3 categories by the European guideline 89/686/EEC:

#### Category 1

Gloves of simple design – exclusively for minimum risks.

For gloves of simple design that offer protection against limited risks, such as household gloves, the manufacturers themselves are allowed to test and certify the gloves.

#### Category 2

Gloves of intermediate design – for intermediate risks.

These gloves, e.g. for general manipulative techniques with good cut, perforation, and abrasive resistance, must be tested and certified by an approved inspection organisation. These gloves may not be sold without the CE- marking.

#### Category 3

Gloves of complex design – for irreversible or fatal risks.

These gloves that have been designed to provide protection against the greatest risks, e.g., chemicals, must also be tested and certified by an approved inspection organisation. In addition, the system for quality control that the manufacturer uses to guarantee the uniformity of the production, must be inspected separately. The organisation that carries out this inspection is identified by a number that must be mentioned next to the CE marking

#### Definition

A glove is an item of personal protective equipment which protects the hand or any part of the hand from hazards. It may also cover part of the forearm and arm.

A performance level is a number between 0 and 4 (5 for cut resistance). which shows how a glove has performed in a specific test, and by which the results of that testing may be graded. Level 0 indicates that the glove is either untested or falls below the minimum performance level. A performance level X means that the test method is not suitable for the glove sample. Higher numbers indicate higher levels of performance.

## Requirements

### Glove construction and design

- Gloves have to offer the greatest possible degree of protection in the foreseeable conditions of end use.
- When seams are included, the strength of these seams should not reduce the overall performance of the glove.

### Innocuousness

- The gloves themselves shouldn't cause any harm to the user.
- The pH of the glove should be between 3.5 and 9.5.
- Chromium (VI) content should be below detection (< 3 ppm).
- Natural rubber gloves shall be tested on extractable proteins as per EN 455-3.

### Cleaning instructions

- If care instructions are provided, the levels of performance should not be reduced after the maximum recommended number of cleaning cycles.

### Electrostatic properties

- Antistatic gloves that are designed to reduce the risk of electrostatic discharges shall be tested as per EN 1149.
- Obtained test values are to be reported on the instructions for use.
- An electrostatic pictogram shall NOT be used.

### Sizing

- Gloves that are below the minimum length are to be called 'Fit for Special Purpose'.

### Dexterity

- If required, performance to be graded as per table below.

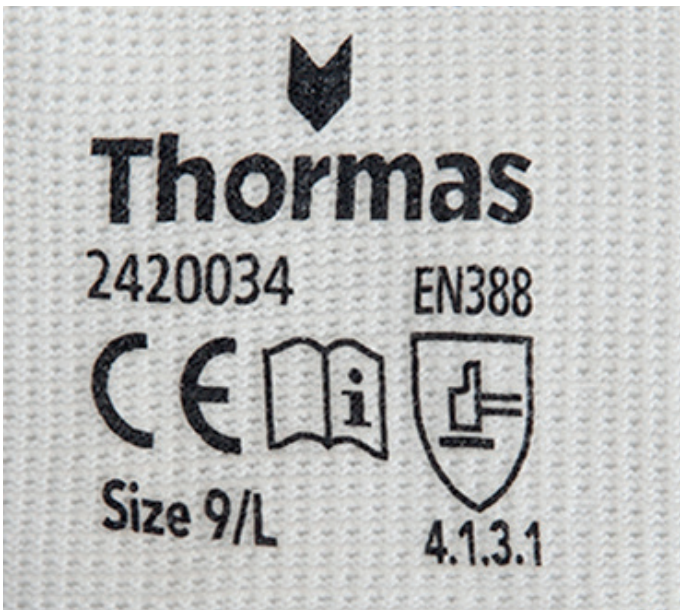
### Water vapour transmission and absorption

- If required, gloves shall allow water vapour transmission (5 mg/cm<sup>2</sup>).
- If gloves exclude water vapour transmission, it should be at least 8 mg/cm<sup>2</sup> for 8 hours.

## Marking & information

### Marking of the glove:

- Each glove should be marked with:
  - Name of manufacturer.
  - Glove and size designation
  - CE mark
  - Appropriate pictograms accompanied by the relevant performance levels and the reference of the EN standard.
- The marking should be legible throughout the life of the glove. Where marking of the glove is not possible in view of the characteristics of the glove, it should be mentioned on the first packaging enclosure.



### Marking of the packaging immediately containing the gloves:

- Name and address of the manufacturer or representative.
- Glove and size designation.
- CE mark
- Usage info
  - Simple design: For minimal risks only (Category 1).
  - Intermediate design or complex design: Relevant pictograms. (Category 2 or 3)
- When protection is limited to part of the hand, this shall be mentioned.
- Reference to where information can be obtained.

## Sizing of gloves

Glove size	Fits hand size	Hand Circumference/length (mm)	Minimum length of the glove (mm)
6	6	152/160	220
7	7	178/171	230
8	8	203/192	240
9	9	229/192	250
10	10	254/204	260
11	11	279/215	270

## Glove dexterity

Performance level	Smallest diameter*
1	11.0
2	9.5
3	8.0
4	6.5
5	5.0

\* Pin that can be picked up with gloved hands 3 times/30 seconds (mm)



## Chemical & Micro-Organism Protection

Guidelines for gloves worn by workers who require protection from chemicals and/or micro-organisms that could irritate the skin.

### Scope

This standard specifies the capability of gloves to protect the user against chemicals and/or micro-organisms.

### Definition

#### Penetration

Penetration is the movement of a chemical and/or micro-organism through porous materials, seams, pinholes, or other imperfections in a protective glove material at a non-molecular level.

#### Permeation

The rubber and plastic films in gloves are the barriers to chemicals. It is therefore necessary to measure breakthrough times, or the time taken for the hazardous liquid to come in contact with the skin. Each chemical tested is classified in terms of breakthrough time performance level 0 to 6.

Measured breakthrough time	Protection index	Measured breakthrough time	Protection index
> 10 minutes	Class 1	> 120 minutes	Class 4
> 30 minutes	Class 2	> 240 minutes	Class 5
> 60 minutes	Class 3	> 480 minutes	Class 6

#### Degradation

Sometimes chemical protective gloves can act as sponges, soaking up the liquids and holding them against the skin. This degrades the glove. Degradation is the deleterious change in one or more properties of a protective glove material due to contact with a chemical. Indications of degradation are flaking, swelling, disintegration, embrittlement, colour change, dimensional change, change in appearance, hardening, softening, etc.

## Standard EN 374: 2016



### Requirements

#### Chemical protective gloves:

- **Penetration:** A glove shall not leak when tested with an air and water leak test, and shall be tested and inspected in compliance with the acceptable quality level.
- **Permeation:** A glove shall pass the minimum requirements of Type C, at least Level 1 (more than 10 min) against one chemical on the list of chemicals defined in part 1.
- **Degradation:** The change of puncture resistance after chemical contact shall be tested for all claimed chemicals on the glove and the result mentioned in the instructions for use.
- **Long gloves:** If the length of the chemical protective glove is  $\geq 40$  cm, the cuff area must also be tested for permeation.

#### Micro-organism protective gloves:

- **Penetration:** These gloves have the same requirements as for chemical gloves, if protection against bacteria and fungi is claimed.
- **Virus protection:** These gloves have an additional test as per ISO 16604, if virus protection is claimed.
- **Long gloves:** If the length of the chemical protective glove is  $\geq 40$  cm, the cuff area must also be tested for virus penetration.

#### Warning:

The chemical data information does not necessarily reflect the actual duration in the workplace

#### Marking Chemical Protective Gloves



Type A



Type B



Type C

The 'chemical resistant' glove pictogram must be accompanied by digit code letters for Type A and Type B gloves. Type C marked gloves are without any digit code letter. These codes letters refer to a list of chemicals defined by the standard. The minimum breakthrough time for a Type C glove is 10 mins for one chemical, for a Type B it is 30 mins for at least 3 chemicals, and for Type A it is 30 mins for at least 6 chemicals on the list.

#### Marking & Information

- CE mark and ID of notified body
- Care & storage instruction
- Instructions and limitations of use
- Degradation results on claimed chemicals
- A list of substances used in the glove which are known to cause allergies
- A list of all substances in the glove shall be made available upon request
- Name and address of notified body that certified the product

Code letter	Defined chemical	Cas number	Class
A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorinated hydrocarbon
E	Carbon disulphide	75-15-0	Sulphur containing organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofuran	109-99-9	Heterocyclic and ether compound
I	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-82-5	Saturated hydrocarbon
K	Sodium hydroxide 40%	1310-73-2	Inorganic base
L	Sulphuric acid 96%	7664-93-9	Inorganic mineral acid, oxidizing
M	Nitric acid 65%	7697-37-2	Inorganic mineral acid, oxidizing
N	Acetic acid 99%	64-19-7	Organic acid
O	Ammonia 25%	1336-21-6	Organic base
P	Hydrogen peroxide 30%	7722-84-1	Peroxide
S	Hydrofluoric acid 40%	7664-39-3	Inorganic mineral acid
T	Formaldehyde 37%	50-00-0	Aldehyde

## EN ISO 374-5



### Marking Gloves Protective Against Micro-Organisms

For gloves protective against bacteria and fungi, the biohazard pictogram is applied. For this the protective glove must be tested according to EN374-2:2013 for leakage proofness.



For protection against bacteria, fungi, and virus, the biohazard pictogram is accompanied with the term "VIRUS", underneath. For this protective standard, the glove must be tested according to EN374-2:2013 for bacteria and fungi and tested according to ISO16604: 2004 (Method B) using the bacteriophage penetration test.

**Note:** With this standard, protective gloves against micro-organisms can be claimed with or without chemical protection and vice versa.

## Standard EN 388: 2016

In 2016 a new version of the glove standard EN 388 - protection against mechanical risks was published, superseding EN 388: 2003. This will not apply retrospectively, and gloves may be sold under both versions of the standard until 2023 when, under the new regulations, certifications will need to be renewed, and meet the new version of the standard. The main changes are:

### Abrasion testing

New abrasive test paper will be used in order to provide more consistency of test results. It is possible that some abrasion scores may change when recertification is done,

### Cut resistance

The current Coup Test method will be supplemented by the new ISO 13997 test method if a product reaches 60 cycles or if blunting of the blade occurs before 60 cycles. The ISO test is measured in Newtons and will be depicted by a letter added to the end. Additional marking will be required for items tested under the ISO test method. E.g. a glove tested using the Coup test method, with a score of 4.4.3.2, will also be tested using the ISO test method and the score will be added – e.g. 4.4.3.2.B. Some manufacturers may elect to use the ISO test only. In this instance the score will be shown as 4.X.3.2.B

### Impact protection (if relevant)

Where impact protection is claimed, there has been the introduction of EN 13549. Gloves which pass this test will be assigned the letter 'P'. E.g. 4.X.3.2.B.P.

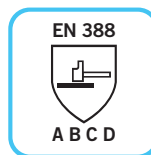
## Standard EN 388: 2003

### Scope

This standard applies to all kinds of protective gloves in respect of physical and mechanical aggressions caused by abrasion, blade cut, puncture and tearing.

### Definition

Protection against mechanical hazards is expressed by a pictogram followed by four numbers (performance levels), each representing test performance against a specific hazard.



The 'mechanical risks' pictogram is accompanied by a 4-digit code:

#### A: Resistance to abrasion

Based on the number of cycles required to abrade through the sample glove.

#### B: Blade cut resistance

Based on the number of cycles required to cut through the sample at a constant speed. The 'Coup' test is the current method of testing cut resistance.

#### C: Tear resistance

Based on the amount of force required to tear the sample.

#### D: Puncture resistance

Based on the amount of force required to pierce the sample with a standard-sized point. In all cases, [0] indicates the lowest level of performance, as follows:

Test	Performance level rating					
	0	1	2	3	4	5
A. Resistance to abrasion (cycles)	<100	100	500	2000	8000	
B. Blade cut resistance (factor)	<1.2	1.2	2.5	5.0	10.0	20.0
C. Tear resistance (newton)	<10	10	25	50	75	
D. Puncture resistance (newton)	<20	20	60	100	150	

## Hand and arm protection

These performance levels must be prominently displayed alongside the pictogram on the gloves and on the packaging which immediately contains the gloves.

### EN 388: 2016

#### Cut resistance

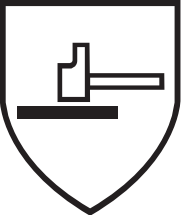
The Coup test has now been revised limiting the maximum cycles to 60 whether or not the blade has cut through the test material. Under the new regulations, gloves achieving cut level 4 or 5 using the Coup test will be subject to the new ISO 13997 test, which measures the cut resistance in Newtons.

Test	Level A	Level B	Level C	Level D	Level E	Level F
EN ISO 13997 Cut resistance (N)	2	5	10	15	22	30

#### Impact protection

EN 388: 2003 standard does not include an impact resistance test. The 2016 revision of EN 388: 2003 contains an additional test where a specific claim of impact resistance is made. Testing is carried out in accordance with EN 13594: 2015. To test the glove, the area of protection is secured over a domed anvil and is impacted at an impact energy of 5J.

When the requirements of the test are fulfilled by the gloves, the marking code 'P' will be displayed on the glove marking after all other protective characteristics.



**4443** current standard  
**4X43C** new standard

- ISO cut test / Cut resistance
- Puncture resistance
- Tear resistance
- Coup test/ Cut resistance
- Abrasion resistance

### Standard EN 407: 2004

#### Gloves giving protection from thermal hazards.

#### Scope

This standard specifies thermal performance for protective gloves against heat and/or fire.

#### Definition

The nature and degree of protection is shown by a pictogram followed by a series of six performance levels, relating to specific protective qualities.



The 'heat and flame' pictogram is accompanied by a 6-digit number:

#### A. Resistance to flammability

(performance level 0 - 4)

Based on the length of time the material continues to burn and glow after the source of ignition is removed. The seams of the glove shall not come apart after an ignition time of 15 seconds.

#### B. Contact heat resistance

(performance level 0 - 4)

Based on the temperature range (100-500 °C) at which the user will feel no pain for at least 15 seconds. If an EN level 3 or higher is obtained, the product shall record at least EN level 3 in the flammability test. Otherwise, the maximum contact heat level shall be reported as level 2.

#### C. Convective heat resistance

(performance level 0 - 4)

Based on the length of time the glove is able to delay the transfer of heat from a flame. A level of performance shall only be mentioned if a performance level 3 or 4 is obtained in the flammability test.

#### D. Radiant heat resistance

(performance level 0 - 4)

Based on the length of time the glove is able to delay the transfer of heat when exposed to a radiant heat source. A performance level shall only be mentioned if a performance level 3 or 4 is obtained in the flammability test.

#### B. Resistance to small splashes of molten metal

(performance level 0 - 4)

The number of molten metal drops required to heat the glove sample to a given level. A performance level shall only be mentioned if a performance level 3 or 4 is obtained in the flammability test.

#### B. Resistance to large quantities of molten metal

(performance level 0 - 4)

The weight of molten metal required to cause smoothing or pinholing across a simulated skin placed directly behind the glove sample. The test is failed if metal droplets remain stuck to the glove material or if the specimen ignites.

Gloves must achieve at least performance level 1 for abrasion and tear.



**Standard EN 511: 2006****Gloves giving protection from cold.****Scope**

This standard applies to any gloves to protect the hands against convective and contact cold down to  $-50^{\circ}\text{C}$ .

**Defintion**

Protection against cold is expressed by a pictogram followed by a series of 3 performance levels, relating to specific protective qualities.



The 'cold hazard' pictogram is accompanied by a 3-digit number :

**A. Resistance to convective cold**

(performance level 0 - 4)

Based on the thermal insulation properties of the glove which are obtained by measuring the transfer of cold via convection.

**B. Resistance to contact cold**

(performance level 0 - 4)

Based on the thermal resistance of the glove material when exposed to contact with a cold object.

**C. Penetration by water**

(0 or 1)

0 = water penetration

1 = no water penetration.

All gloves must achieve at least performance level 1 for abrasion and tear.

**Standard EN 421: 2010****Gloves that protect against ionizing radiation and radioactive contamination.****Scope**

This standard applies to gloves that offer protection against ionizing radiation and radioactive contamination.

**Defintion**

The nature of the protection is clarified by a pictogram that refers to the specific protective characteristics.



To protect against radioactive contamination, the glove must be impermeable and must pass the penetration test defined in EN 374.

To protect against ionizing radiation, the glove must contain a certain amount of lead, referred to as lead equivalence. That lead equivalence must be marked on each glove.



Materials that are exposed to ionizing radiation may be deformed by their reaction to ozone cracking. That test is optional and may be used as a tool to select gloves that must be resistant to ionizing radiation.

**Standard EN 60903: 2003****Gloves made from electrical insulating material.****Scope**

The standard EN 60903 contains all requirements for efficient protection against electrical currents and does not refer to other glove standards, such as EN 388 or EN 374.

**Defintion**

For gloves made from insulating material inspections at regular times are prescribed. The gloves must be inspected when the previous inspection was carried out more than 6 months ago. The gloves must be packaged individually. The packaging must be strong enough to protect the glove against damage and sunlight.



**Class 00:** Max use volts AC 500 V.

**Class 0:** Max use volts AC 1,000 V.

**Class 1:** Max use volts AC 7,500 V.

**Class 2:** Max use volts AC 17,000 V.

**Class 3:** Max use volts AC 26,500 V.

**Class 4:** Max use volts AC 36,000 V.

**Coatings****Nitrile (NBR)**

Very good resistance to perforation and long lasting

Good resistance to oil, grease and solvents

Good grip

Less supple

**Nitrile foam (NBR foam)**

Same features as nitrile but better wet grip

More supple than normal nitrile coating

**Polyurethane (PU)**

Very good resistance to abrasion

Good dry grip

Excellent flexibility and suppleness

**Latex**

Very good resistance to abrasion

Waterproof

Supple

Not resistant to oil





### Glove Second Skin white/white

Second Skin fit gloves are light but strong with an exceptionally tactile feel and snug fit. They have a close-fitting knitted wrist with a white polyurethane coated palm on a seamless knitted white nylon liner. Hard-wearing and excellent dexterity for applications where fine handling is important. Perfect for inspection jobs where the use of white gloves is desirable.



**Norm** EN388 4.1.3.1



Glove size	Coating	Coating Colour	Article Number
6	PU	White	W04Y-50020
7	PU	White	W04Y-50021
8	PU	White	W04Y-50022
9	PU	White	W04Y-50023
10	PU	White	W04Y-50024
11	PU	White	W04Y-50037

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### Glove Second Skin black/black

Second Skin fit gloves are light but strong with an exceptionally tactile feel and snug fit. They have a close-fitting knitted wrist with a black polyurethane coated palm on a seamless knitted black nylon liner. Hard-wearing and excellent dexterity for applications where fine handling is important.



**Norm** EN388 4.1.3.1



Glove size	Coating	Coating Colour	Article Number
6	PU	Black	W04Y-50025
7	PU	Black	W04Y-50026
8	PU	Black	W04Y-50027
9	PU	Black	W04Y-50028
10	PU	Black	W04Y-50029
11	PU	Black	W04Y-50036



### Glove HyFlex® Lite 11-600

Designed for light and delicate applications in dry environments that require maximal levels of dexterity. Like a second skin, they offer comfortable, exact handling of small objects. Ensure product protection from glove-generated debris, and cross-product contamination. PU palm coating.



**Colour** White

**Norm** EN 388 3121A



Glove size	Material	Coating	Coating Colour	Article Number
6	PU	PU Palm	White	W06A-10881
7	PU	PU Palm	White	W06A-10898
8	PU	PU Palm	White	W06A-10899
9	PU	PU Palm	White	W06A-10900
10	PU	PU Palm	White	W06A-10897
11	PU	PU Palm	White	W06A-50087



**Glove HyFlex® Ultra-Lite 11-618**

Almost a second skin, this very thin offers outstanding comfort, fit and sensitivity for the most delicate handling. 18-gauge knitting technology allows this glove to be ultra-thin yet tough. PU coated palm. Designed for a wide range of lightweight applications in dry or slightly oily environments. Ideal for workers who need a higher level of fit, touch and precision. Also ideal for applications where cotton gloves or no gloves at all are used despite the risk of scrapes, blisters and minor injuries.



**Colour** Black/Blue

**Norm** EN 388 3121X



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Glove size	Material	Coating	Coating Colour	Article Number
6	PU	PU Palm	Black	W06A-50086
7	PU	PU Palm	Black	W06A-10908
8	PU	PU Palm	Black	W06A-10909
9	PU	PU Palm	Black	W06A-10910
10	PU	PU Palm	Black	W06A-10906
11	PU	PU Palm	Black	W06A-10907



**Glove Perfect Poly black**

Black polyamide knitted with a black polyurethane coating on the palm. Fits snugly to the hand, with good dexterity. Ventilated back and PU coating optimise the glove's breathability. Excellent abrasion and tear resistance. Gloves are certified as "silicone-free" to ensure their use in painting.



**Colour** Black/Grey

**Norm** EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
6	Polyamide	PU Palm	Black	W21C-74636
7	Polyamide	PU Palm	Black	W21C-74635
8	Polyamide	PU Palm	Black	W21C-74634
9	Polyamide	PU Palm	Black	W21C-74633
10	Polyamide	PU Palm	Black	W21C-74638
11	Polyamide	PU Palm	Black	W21C-74637



**Glove Perfect Poly skin**

Polyamide knitted Grey polyurethane coating on palm and tips of fingers. Ultra tight weave gives the perfect support, limits the penetration of dirt and offers a good touch. Ventilated back and ultra light coating optimise the glove's breathability. Excellent abrasion and tear resistance. Certified as "silicone-free" to ensure their use in painting.



**Colour** Blue/Grey

**Norm** EN 388 2111



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	PU Palm	Grey	W21C-74631
8	Polyamide	PU Palm	Grey	W21C-74630
9	Polyamide	PU Palm	Grey	W21C-74629
10	Polyamide	PU Palm	Grey	W21C-74632



### Glove Work Easy black

100% black polyester knitted with a black polyurethane coating on palm and fingertips. Fits snugly to the hand, with good dexterity. Maximum comfort and added sturdiness. Ventilated back and PU coating optimise the glove's breathability. Good abrasion and tear resistance. Certified as "silicone-free" to ensure their use in painting.

**Honeywell**

**Colour** Black  
**Norm** EN 388 3121



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyester	PU Palm	Black	W21C-74699
8	Polyester	PU Palm	Black	W21C-74698
9	Polyester	PU Palm	Black	W21C-74697
10	Polyester	PU Palm	Black	W21C-74700

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### Glove SensiLite® 48-100

Designed for light applications that require good levels of comfort and abrasion resistance. Precise handling of small objects in dry or light oily environments, SensiLite is the practical choice when you are looking for dexterity. PU coating on palm.

**Ansell**

**Colour** White  
**Norm** EN 388 4131



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	PU Palm	White	W06A-11603
7	Nylon	PU Palm	White	W06A-11788
8	Nylon	PU Palm	White	W06A-11779
9	Nylon	PU Palm	White	W06A-11658
10	Nylon	PU Palm	White	W06A-11604
11	Nylon	PU Palm	White	W06A-11573



### Glove SensiLite® 48-101

Designed for light applications that require good levels of comfort and abrasion resistance. Precise handling of small objects in dry or light oily environments, SensiLite is the practical choice when you are looking for dexterity. PU coating on palm.

**Ansell**

**Colour** Black  
**Norm** EN 388 4131



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	PU Palm	Black	W06A-51115
7	Nylon	PU Palm	Black	W06A-51116
8	Nylon	PU Palm	Black	W06A-11770
9	Nylon	PU Palm	Black	W06A-51112
10	Nylon	PU Palm	Black	W06A-11661
11	Nylon	PU Palm	Black	W06A-51114



**Glove SensiLite® 48-102**

Glove knitted with a seamless non-stop process. Textile liner made of high-tenacity polyamid yarn. Fine and stretchable stitches for an excellent comfort. Stretchable palm fit polyurethane coating. Low lint glove.



**Colour** Grey  
**Norm** EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	PU Palm	Grey	W06A-50171
7	Nylon	PU Palm	Grey	W06A-50172
8	Nylon	PU Palm	Grey	W06A-50173
9	Nylon	PU Palm	Grey	W06A-50174
10	Nylon	PU Palm	Grey	W06A-50169
11	Nylon	PU Palm	Grey	W06A-50170

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**Glove SensiLite® 48-105**

Designed for light applications that require good levels of comfort and abrasion resistance. Precise handling of small objects in dry or light oily environments, SensiLite is the practical choice when you are looking for dexterity. PU palm coated.



**Colour** White  
**Norm** EN 388 003XA



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	PU fingertips	White	W06A-11787
7	Nylon	PU fingertips	White	W06A-11663
8	Nylon	PU fingertips	White	W06A-11662
9	Nylon	PU fingertips	White	W06A-11743
10	Nylon	PU fingertips	White	W06A-11660
11	Nylon	PU fingertips	White	W06A-11665



**Glove SensiLite® 48-120**

Economical hand protection solution offering good grip, dexterity and comfort. Polyester liner offers good hand protection in lightweight applications. Polyurethane coating on the palm resists tears and abrasions.



**Colour** White  
**Norm** EN 388 3121A



Glove size	Material	Coating	Coating Colour	Article Number
6	PE (polyethylene)	PU Palm	White	W06A-11786
7	PE (polyethylene)	PU Palm	White	W06A-11748
8	PE (polyethylene)	PU Palm	White	W06A-11785
9	PE (polyethylene)	PU Palm	White	W06A-11664
10	PE (polyethylene)	PU Palm	White	W06A-11574
11	PE (polyethylene)	PU Palm	White	W06A-11744





### Glove SensiLite® 48-121

Economical hand protection solution offering good grip, dexterity and comfort. Polyester liner offers good hand protection in lightweight applications. Polyurethane coating on the palm resists tears and abrasions.

**Colour** Black  
**Norm** EN 388 3121A



Glove size	Material	Coating	Coating Colour	Article Number
6	PE (polyethylene)	PU Palm	Black	W06A-11659
7	PE (polyethylene)	PU Palm	Black	W06A-11745
8	PE (polyethylene)	PU Palm	Black	W06A-11799
9	PE (polyethylene)	PU Palm	Black	W06A-11738
10	PE (polyethylene)	PU Palm	Black	W06A-11778
11	PE (polyethylene)	PU Palm	Black	W06A-11789

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### Glove Vertigo black PU check & go 1

The Vertigo Check & Go system features seamless and lightweight polyamide (cut 1) Spectra (cut 3) and Spectra + glass fiber (cut 5) liners with PU coating. Cut level resistance is clearly marked on the top of the for better visualisation, and enhanced safety. Vertigo Check & Go black PU 1 is made from Black polyamide yarn. EN388 Cut level 1 Black polyurethane coating on palm and fingers tips. Excellent dexterity and good abrasion resistance. Comfortable to wear over long periods.

**Colour** Black  
**Norm** EN 388 4131



Glove size	Material	Coating	Coating Colour	Article Number
6	Polyamide	PU Palm	Black	W21C-74690
7	Polyamide	PU Palm	Black	W21C-74689
8	Polyamide	PU Palm	Black	W21C-74688
9	Polyamide	PU Palm	Black	W21C-74687
10	Polyamide	PU Palm	Black	W21C-74692
11	Polyamide	PU Palm	Black	W21C-74691



### Glove Secure Grip white/grey

High quality grey nitrile foam palm coating on a seamless 13g white nylon liner for extra comfort. Open back style allows excellent breathability. Tight fitting to for maximum dexterity for the most tactile of applications. Elasticated knitted wrist for a snug fit.

**Norm** EN 388 4.1.2.1



Glove size	Coating	Coating Colour	Article Number
6	Foamed nitrile	Grey	W04Y-50000
7	Foamed nitrile	Grey	W04Y-50001
8	Foamed nitrile	Grey	W04Y-50002
9	Foamed nitrile	Grey	W04Y-50003
10	Foamed nitrile	Grey	W04Y-50004
11	Foamed nitrile	Grey	W04Y-50038



**Glove Ultimate Flex grey/black**

Designed and developed as a breathable glove, the Ultimate Flex has a 15g nylon/spandex grey liner with a black nitrile foam palm coating. Ideal glove for precision handling in dry environments. Suitable for a wide variety of applications such as packaging, logistics and warehousing, using tools and instruments, wiring operations, automotive and construction.



**Norm** EN388 4.1.3.1



Glove size	Coating	Coating Colour	Article Number
6	Foamed nitrile	Black	W04Y-50010
7	Foamed nitrile	Black	W04Y-50011
8	Foamed nitrile	Black	W04Y-50012
9	Foamed nitrile	Black	W04Y-50013
10	Foamed nitrile	Black	W04Y-50014
11	Foamed nitrile	Black	W04Y-50039

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**Glove Ultimate Flex Pro grey/black**

The Ultimate Flex Pro glove offers cutting edge technology nitrile micro-foam with a black palm coating on a 15g grey nylon/spandex liner. Extremely comfortable for prolonged wear. Excellent dexterity, sensitivity, tactility and fit. Superior grip and abrasion resistance. Good for both wet and dry applications such as handling oily components.



**Norm** EN388 4.1.3.1



Glove size	Coating	Coating Colour	Article Number
6	Micro foam nitrile	Black	W04Y-50015
7	Micro foam nitrile	Black	W04Y-50016
8	Micro foam nitrile	Black	W04Y-50017
9	Micro foam nitrile	Black	W04Y-50018
10	Micro foam nitrile	Black	W04Y-50019
11	Micro foam nitrile	Black	W04Y-50040



**Glove HyFlex® 11-800**

The original nitrile foam glove. A highly versatile solution for precision assembly and general handling. Provides the perfect balance between comfort, dexterity and protection. Advanced Knitting Technology allows increased stretch and flexibility in high-stress areas. Anti-static to EN1149



**Colour** Grey/white  
**Norm** EN 388 3131A



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	Foamed nitrile palm	Grey	W06A-10913
7	Nylon	Foamed nitrile palm	Grey	W06A-10914
8	Nylon	Foamed nitrile palm	Grey	W06A-10915
9	Nylon	Foamed nitrile palm	Grey	W06A-10916
10	Nylon	Foamed nitrile palm	Grey	W06A-10911
11	Nylon	Foamed nitrile palm	Grey	W06A-10912



### Glove HyFlex® 11-801

Ideal for dry or slightly oily applications that require light mechanical protection and high levels of handling finesse. They are well-suited to light assembly applications as well as to the needs of logistics and warehousing. The use of Spandex elastics prevents risk of latex allergy. Silicone-free, reduces potential contamination of the products. Antistatic according to EN1149

Colour Black/Grey  
Norm EN 388 3131A



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	Foamed nitrile palm	Black	W06A-11735
7	Nylon	Foamed nitrile palm	Black	W06A-11681
8	Nylon	Foamed nitrile palm	Black	W06A-11711
9	Nylon	Foamed nitrile palm	Black	W06A-11796
10	Nylon	Foamed nitrile palm	Black	W06A-11720
11	Nylon	Foamed nitrile palm	Black	W06A-11698

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### Glove HyFlex® 11-818

Seamless 18-gauge nylon-spandex liner has a barehand feel, offering breathability and comfort. Ultra-thin FORTIX™ nitrile foam coating lasts up to three times longer than comparable coatings. Enhanced fingertip sensitivity for precision tasks. Silicone-free material means no transfer of silicone contaminants to metal parts prior to painting.

Colour Blue  
Norm EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	Foamed nitrile palm	Blue	W06A-50420
7	Nylon	Foamed nitrile palm	Blue	W06A-50421
8	Nylon	Foamed nitrile palm	Blue	W06A-50134
9	Nylon	Foamed nitrile palm	Blue	W06A-50135
10	Nylon	Foamed nitrile palm	Blue	W06A-50133
11	Nylon	Foamed nitrile palm	Blue	W06A-50098



### Glove HyFlex® 11-840

The tough 1.1 mm FORTIX™ nitrile foam coating offers EN Abrasion Level 4 protection, with up to three times the abrasion performance of other lightweight, knit-dipped gloves. 20% more breathable than earlier formulations, for cooler, drier hands and less sweat. Second-skin liner is tailored to create a more comfortable wearing experience. With its balance of robust abrasion performance, enhanced comfort and high dexterity the HyFlex® 11-840 is an ideal solution for workers who move between tasks. Silicone-free material means no transfer of silicone contaminants to metal parts prior to painting.

Colour Black/Grey  
Norm EN 388 4231



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	Foamed nitrile palm	Black	W06A-50437
7	Nylon	Foamed nitrile palm	Black	W06A-50137
8	Nylon	Foamed nitrile palm	Black	W06A-50138
9	Nylon	Foamed nitrile palm	Black	W06A-50139
10	Nylon	Foamed nitrile palm	Black	W06A-50136
11	Nylon	Foamed nitrile palm	Black	W06A-50097



**Glove HyFlex® 11-920**

With Ansell Grip Technology™. Microscopic channels in the coating guide away the oil resulting in a secure glove-to-surface contact. Allows the wearer to handle small and medium-sized components lightly coated with oil or lubricant in all confidence. Protects skin from oil contamination. Antistatic according to EN1149

**Colour** Blue  
**Norm** EN 388 3131A



Glove size	Material	Coating	Coating Colour	Article Number
6	Nylon	Nitrile palm	Blue	W06A-11621
7	Nylon	Nitrile palm	Blue	W06A-11703
8	Nylon	Nitrile palm	Blue	W06A-11589
9	Nylon	Nitrile palm	Blue	W06A-11795
10	Nylon	Nitrile palm	Blue	W06A-11760
11	Nylon	Nitrile palm	Blue	W06A-11622

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**Glove Polytril grey**

Grey polyamide knitted glove. Grey oil proof nitrile coating on palm and fingertip provides outstanding abrasion resistance and impermeability to oils. Maximum comfort and added sturdiness. Ventilated back improves the glove's breathability. Filament yarn reduces linting for the most sensitive applications and easily laundered for extended use.

**Colour** Grey/white  
**Norm** EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	Nitrile palm	Grey	W21C-74685
8	Polyamide	Nitrile palm	Grey	W21C-74684
9	Polyamide	Nitrile palm	Grey	W21C-74683
10	Polyamide	Nitrile palm	Grey	W21C-74686



**Glove Polytril black**

Black polyamide knitted glove. Black oil proof nitrile coating on palm and fingertip provides outstanding abrasion resistance and impermeability to oils. Maximum comfort and added sturdiness. Ventilated back improves the glove's breathability. Filament yarn reduces linting for the most sensitive applications and easily laundered for extended use.

**Colour** Black  
**Norm** EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	Nitrile palm	Black	W21C-74679
8	Polyamide	Nitrile palm	Black	W21C-74678
9	Polyamide	Nitrile palm	Black	W21C-74677
10	Polyamide	Nitrile palm	Black	W21C-74682
11	Polyamide	Nitrile palm	Black	W21C-74681
06	Polyamide	Nitrile palm	Black	W21C-74680



### Glove Polytril air 3/4

Polytril Air ¾; Black nylon with breathable ¾ black foam Nitrile coating for dexterity in greasy and damp conditions, foam Nitrile provides excellent grip and abrasion resistance

**Honeywell**

**Colour** Black  
**Norm** EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	Foamed nitrile 3/4	Black	W21C-74664
8	Polyamide	Foamed nitrile 3/4	Black	W21C-74663
9	Polyamide	Foamed nitrile 3/4	Black	W21C-74662
10	Polyamide	Foamed nitrile 3/4	Black	W21C-74665

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### Glove Polytril Air Comfort

Polyamide/Cotton/Elasthane knitted glove. Black foam nitrile on the palm and fingers. The ergonomic seamless knit construction conforms better to the natural shape of the hand for greater strength and durability. Lycra yarn gives a better tactile sensitivity for the assembling of small parts. Nitrile foam coating and open back provide superior ventilation of the hand.

**Honeywell**

**Colour** Black  
**Norm** EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	Nitrile palm	Black	W21C-74622
8	Polyamide	Nitrile palm	Black	W21C-74621
9	Polyamide	Nitrile palm	Black	W21C-74620
10	Polyamide	Nitrile palm	Black	W21C-74623



### Glove Polytril Air skin

Polyamide knitted glove. Ultra thin foam nitrile coating on the palm and fingers. Conforms snugly to the hand as well as outstanding dexterity. Good breathability and exceptional touch.

**Honeywell**

**Colour** Black  
**Norm** EN 388 3131



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	Foamed nitrile palm	Black	W21C-74618
8	Polyamide	Foamed nitrile palm	Black	W21C-74617
9	Polyamide	Foamed nitrile palm	Black	W21C-74616
10	Polyamide	Foamed nitrile palm	Black	W21C-74619



**Glove Oil Grip NF35**

Green polyamide knitted glove. Ergonomic seamless knit construction conforms better to the natural shape of the hand. Polyamide yarn reduces linting for the most sensitive applications and can be easily laundered for extended use. Black Microfinish nitrile coating provides superior grip thanks to thousands of microscopic pockets that create a vacuum that disperses fluids and allows the entire grip surface to make clean contact with the object. Stays flexible and liquid proof in contact with oil. Open back provides superior ventilation.

**Honeywell**

**Colour** Green/Black

**Norm** EN 388 3121



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Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	Micro foam nitrile	Black	W21C-74626
8	Polyamide	Micro foam nitrile	Black	W21C-74625
9	Polyamide	Micro foam nitrile	Black	W21C-74624
10	Polyamide	Micro foam nitrile	Black	W21C-74628
11	Polyamide	Micro foam nitrile	Black	W21C-74627



**Glove Vertigo black NIT check & go 1**

The Vertigo Check & Go system features seamless and lightweight polyamide (cut 1) Spectra (cut 3) and Spectra + glass fiber (cut 5) liners with PU or nitrile coating. Cut level resistance is clearly marked on the top of the for better visualisation, and enhanced safety. Vertigo Check & Go black Nit 1 is made from Black polyamide yarn. EN388 Cut level 1 Black foamed nitrile coating on palm and fingers tips. Excellent dexterity and good abrasion resistance. Comfortable to wear over long periods.

**Honeywell**

**Colour** Black

**Norm** EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
7	Polyamide	Foamed nitrile palm	Black	W21C-74668
8	Polyamide	Foamed nitrile palm	Black	W21C-74667
9	Polyamide	Foamed nitrile palm	Black	W21C-74666
10	Polyamide	Foamed nitrile palm	Black	W21C-74670
11	Polyamide	Foamed nitrile palm	Black	W21C-74669



**Glove Grip It@ Oil**

Seamless knitted nylon liner with two layers of nitrile coating. Excellent handling ability in both wet and oily conditions. Utilises two layers of nitrile coating to provide ultimate protection and gripping ability. The first layer is a full coating and completely waterproof. The second layer is a palm coating, which not only increases resistance to oils but has been engineered to provide maximum grip.

**Polyco**

**Colour** Red

**Norm** EN 388 4122



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile/nylon	Micro foam nitrile full coat	Red	W98L-50434
8	Nitrile/nylon	Micro foam nitrile full coat	Red	W98L-50435
9	Nitrile/nylon	Micro foam nitrile full coat	Red	W98L-50436
10	Nitrile/nylon	Micro foam nitrile full coat	Red	W98L-50437





### Glove Cut Resistant<sup>3</sup> HPPE grey/grey

The HPPE 13g cut resistant grey liner is super-lightweight and flexible for optimum comfort and dexterity. Grey polyurethane palm coating gives excellent handling performance in dry or slightly oily environments as it channels liquids away from the glove surface. Cut level 3 protection for applications with medium cut risk.



**Norm** EN388 4.3.4.1



Glove size	Coating	Coating Colour	Article Number
6	PU	Grey	W04Y-50005
7	PU	Grey	W04Y-50006
8	PU	Grey	W04Y-50007
9	PU	Grey	W04Y-50008
10	PU	Grey	W04Y-50009
11	PU	Grey	W04Y-50035

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### Glove HyFlex® 11-624

Ansell Hyflex 11-624 Provides comfort and dexterity. Easy to wear during long working hours, they also offer users a “cool feeling”. The special formulation of the polyurethane coating gives the gloves flexibility and fit. Secure grip on dry to slightly oily pieces for sure handling in a wide range of environments. The liner is made with a yarn structure containing Dyneema, the world’s strongest fiber™.



**Colour** Black/Grey  
**Norm** EN 388 4342B



Glove size	Material	Coating	Coating Colour	Article Number
6	Dyneema®	PU Palm	Black	W06A-11619
7	Dyneema®	PU Palm	Black	W06A-11690
8	Dyneema®	PU Palm	Black	W06A-11732
9	Dyneema®	PU Palm	Black	W06A-11580
10	Dyneema®	PU Palm	Black	W06A-11618
11	Dyneema®	PU Palm	Black	W06A-11587



### Glove HyFlex® 11-627

Delivers a perfect balance of comfort and sure handling with superior cut resistance. The liners have an innovative yarn structure that contains an optimal rate of Dyneema. High level of cut resistance, for a safe use in controlling, handling and assembly applications involving contacts with sharp pieces. Lycra in the liners and polyurethane coating, provides excellent flexibility and fit.



**Colour** Grey  
**Norm** EN 388 4342



Glove size	Material	Coating	Coating Colour	Article Number
6	Dyneema®	PU Palm	Grey	W06A-11060
7	Dyneema®	PU Palm	Grey	W06A-11061
8	Dyneema®	PU Palm	Grey	W06A-11062
9	Dyneema®	PU Palm	Grey	W06A-11063
10	Dyneema®	PU Palm	Grey	W06A-11059
11	Dyneema®	PU Palm	Grey	W06A-50089



**Glove HyFlex® 11-518**

An 18-gauge with EN388 Level 3 cut protection. Dyneema Diamond Technology fibre and a thin PU coating bring a new degree of dexterity and tactility for applications with cut risks. The soft ultralight-duty seamless liner breathes to keep hands cool and dry. Enhanced flexibility and fingertip sensitivity with superior comfort.

**Colour** Blue/White  
**Norm** EN 388 3X31B



Glove size	Material	Coating	Coating Colour	Article Number
6	Dyneema® Diamond	PU Palm	Blue	W06A-50014
7	Dyneema® Diamond	PU Palm	Blue	W06A-50015
8	Dyneema® Diamond	PU Palm	Blue	W06A-50016
9	Dyneema® Diamond	PU Palm	Blue	W06A-50017
10	Dyneema® Diamond	PU Palm	Blue	W06A-50018
11	Dyneema® Diamond	PU Palm	Blue	W06A-50019

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**Glove Dyflex® Blue**

Polyco Dyflex is a premium glove that combines tactility and protection. The cut resistant liner is super-lightweight and flexible for optimum comfort and dexterity. Microfoam nitrile palm coating gives excellent handling performance. Terrific in wet or oily environments as it channels liquids away from the surface. Excellent abrasion and tear resistance. Luxurious comfort. Conforms to EN1186 food contact.

**Colour** Blue  
**Norm** EN 388 4342



Glove size	Material	Coating	Coating Colour	Article Number
7	Dyneema®	Micro foam nitrile 3/4	Blue	W98L-50808
8	Dyneema®	Micro foam nitrile 3/4	Blue	W98L-50809
9	Dyneema®	Micro foam nitrile 3/4	Blue	W98L-50810
10	Dyneema®	Micro foam nitrile 3/4	Blue	W98L-50811



**Glove Vertigo black PU check & go 3**

The Vertigo Check & Go system features seamless and lightweight polyamide (cut 1) Spectra (cut 3) and Spectra + glass fiber (cut 5) liners with PU or nitrile coating. Cut level resistance is clearly marked on the top of the for better visualisation, and enhanced safety. Vertigo Check & Go black PU 3 is made from Black Spectra yarn. EN388 Cut level 3 Black polyurethane coating on palm and fingers tips. Good dexterity and abrasion resistance. Comfortable to wear over long periods.

**Colour** Black  
**Norm** EN 388 4342



Glove size	Material	Coating	Coating Colour	Article Number
6	Spectra PU	PU Palm	Black	W21C-74605
7	Spectra PU	PU Palm	Black	W21C-74604
8	Spectra PU	PU Palm	Black	W21C-74603
9	Spectra PU	PU Palm	Black	W21C-74602
10	Spectra PU	PU Palm	Black	W21C-74607
11	Spectra PU	PU Palm	Black	W21C-74606



### Glove HyFlex® 11-927

Ideal for handling sharp metal components coated in oil or lubricant. Patented Ansell Grip™ technology uses microscopic channels to wick away oil & moisture from part surfaces and tool. Excellent wet and oil grip for added safety and efficiency. The Nitrile ¾ dip geometry means extra protection against oil exposure and knuckle abrasion.

**Colour** Black/Grey

**Norm** EN 388 4342B



Glove size	Material	Coating	Coating Colour	Article Number
6	HPPE/Nylon	Nitrile 3/4	Black	W06A-50860
7	HPPE/Nylon	Nitrile 3/4	Black	W06A-50861
8	HPPE/Nylon	Nitrile 3/4	Black	W06A-50862
9	HPPE/Nylon	Nitrile 3/4	Black	W06A-50863
10	HPPE/Nylon	Nitrile 3/4	Black	W06A-50140
11	HPPE/Nylon	Nitrile 3/4	Black	W06A-50095

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### Glove Vertigo black NIT check & go 3

The Vertigo Check & Go system features seamless and lightweight polyamide (cut 1) Spectra (cut 3) and Spectra + glass fiber (cut 5) liners with PU or nitrile coating. Cut level resistance is clearly marked on the top of the for better visualisation, and enhanced safety. Vertigo Check & Go black Nit 3 is made from Black Spectra yarn. EN388 Cut level 3 Black foamed nitrile coating on palm and fingers tips. Good dexterity and abrasion resistance. Comfortable to wear over long periods.

**Colour** Black

**Norm** EN 388 4343



Glove size	Material	Coating	Coating Colour	Article Number
6	Spectra/Nitrile	Foamed nitrile palm	Black	W21C-74593
7	Spectra/Nitrile	Foamed nitrile palm	Black	W21C-74592
8	Spectra/Nitrile	Foamed nitrile palm	Black	W21C-74591
9	Spectra/Nitrile	Foamed nitrile palm	Black	W21C-74590
10	Spectra/Nitrile	Foamed nitrile palm	Black	W21C-74595
11	Spectra/Nitrile	Foamed nitrile palm	Black	W21C-74594



### Glove HyFlex® 11-435

Cut-resistant level 5 water-based polyurethane. Extreme resistance to cuts and burrs. Seamless plaited for very good fit, dexterity and flexibility. Excellent breathability and cool feeling.

**Colour** Black/Grey

**Norm** EN 388 4X42C



Glove size	Material	Coating	Coating Colour	Article Number
6	Dyneema®	PU/Nitrile Palm	Black	W06A-11617
7	Dyneema®	PU/Nitrile Palm	Black	W06A-11766
8	Dyneema®	PU/Nitrile Palm	Black	W06A-11615
9	Dyneema®	PU/Nitrile Palm	Black	W06A-11565
10	Dyneema®	PU/Nitrile Palm	Black	W06A-11728
11	Dyneema®	PU/Nitrile Palm	Black	W06A-11729



**Glove Vertigo black NIT check & go 5**

The Vertigo Check & Go system features seamless and lightweight polyamide (cut 1) Spectra (cut 3) and Spectra + glass fiber (cut 5) liners with PU or nitrile coating. Cut level resistance is written on the top of the for better visualisation of the cut resistance level. Vertigo Check & Go black Nit 5 is made from Black Spectra and composite fibre knitted glove. EN388 cut level 5. Black foamed nitrile coating on palm and fingers tips. Maximum comfort and added sturdiness. Ventilated back optimises its breathability.

**Colour** Black  
**Norm** EN 388 4544



**Honeywell**

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Glove size	Material	Coating	Coating Colour	Article Number
6	Spectra composite Nitrile	Nitrile palm	Black	W21C-74587
7	Spectra composite Nitrile	Nitrile palm	Black	W21C-74586
8	Spectra composite Nitrile	Nitrile palm	Black	W21C-74585
9	Spectra composite Nitrile	Nitrile palm	Black	W21C-74584
10	Spectra composite Nitrile	Nitrile palm	Black	W21C-74589
11	Spectra composite Nitrile	Nitrile palm	Black	W21C-74588



**Glove Vertigo black PU check & go 5**

The Vertigo Check & Go system features seamless and lightweight polyamide (cut 1) Spectra (cut 3) and Spectra + glass fiber (cut 5) liners with PU or nitrile coating. Cut level resistance is written on the top of the for better visualisation of the cut resistance level. Vertigo Check & Go black PU 3 is made from Black Spectra and composite fibre knitted glove. EN388 Cut level 5 Black polyurethane coating on palm and fingers tips. Maximum comfort and added sturdiness. Ventilated back optimises its breathability.

**Colour** Black  
**Norm** EN 388 4543



**Honeywell**

Glove size	Material	Coating	Coating Colour	Article Number
6	Spectra composite PU	PU Palm	Black	W21C-74599
7	Spectra composite PU	PU Palm	Black	W21C-74598
8	Spectra composite PU	PU Palm	Black	W21C-74597
9	Spectra composite PU	PU Palm	Black	W21C-74596
10	Spectra composite PU	PU Palm	Black	W21C-74601
11	Spectra composite PU	PU Palm	Black	W21C-74600



**Glove Sharpflex PU**

Knitted in composite and para-aramid yarn. Excellent fit and high dexterity. Para-aramid yarn protection against cut risks to EN388 cut level 5 Black polyurethane coating to palm and fingers for greater abrasion resistance. Plated polyamide inside improves comfort.

**Colour** Grey  
**Norm** EN 388 4541



**Honeywell**

Glove size	Material	Coating	Coating Colour	Article Number
6	Para-aramid	PU Palm	Black	W21C-74659
7	Para-aramid	PU Palm	Black	W21C-74658
8	Para-aramid	PU Palm	Black	W21C-74657
9	Para-aramid	PU Palm	Black	W21C-74656
10	Para-aramid	PU Palm	Black	W21C-74661
11	Para-aramid	PU Palm	Black	W21C-74660



### Glove Sharpflex NIT

Knitted in composite and para-aramid yarn. Excellent fit and high dexterity. Para-aramid yarn protection against cut risks to EN388 cut level 5 Nitrile coating provides good protection against oil and grease. Plated polyamide inside improves comfort.

**Honeywell**

**Colour** Green/Black  
**Norm** EN 388 4542; EN 407 X1XXXX



Glove size	Material	Coating	Coating Colour	Article Number
7	Para-aramid	Foamed nitrile palm	Black	W21C-74654
8	Para-aramid	Foamed nitrile palm	Black	W21C-74653
9	Para-aramid	Foamed nitrile palm	Black	W21C-74652
10	Para-aramid	Foamed nitrile palm	Black	W21C-74655

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### Glove Sharpflex latex

Knitted in composite and para-aramid yarn. Excellent fit and high dexterity. Para-aramid yarn assures a resistance to contact heat and cut risks to EN388 cut level 5. Latex coating provides better grip and a light thermal protection. Plated polyamide inside improves comfort.

**Honeywell**

**Colour** Blue/Green  
**Norm** EN 388 3542; EN 407 X2XXXX



Glove size	Material	Coating	Coating Colour	Article Number
7	Para-aramid	Latex palm	Blue	W21C-74614
8	Para-aramid	Latex palm	Blue	W21C-74613
9	Para-aramid	Latex palm	Blue	W21C-74612
10	Para-aramid	Latex palm	Blue	W21C-74615



### Glove Neptune® Kevlar® 70-205

Neptune Kevlar knitted gloves are designed to provide superior mechanical strength in light to heavy-duty handling and production applications. Neptune coating repel liquids, avoiding damage to the Kevlar strands and extending life. Ambidextrous gloves, fully washable and can be reused many times.

**Ansell**

**Colour** Yellow  
**Norm** EN 388 134XB; EN 407 X1XXXX



Glove size	Material	Article Number
7	Aramid fibre	W06A-11104
8	Aramid fibre	W06A-11105
9	Aramid fibre	W06A-11106
10	Aramid fibre	W06A-11103



**Glove Neptune® Kevlar® 70-215**

Neptune Kevlar knitted gloves are designed to provide superior mechanical strength in light to heavy-duty handling and production applications. High cut resistance that comes from Kevlar reinforcement. Neptune coating repel liquids, avoiding damage to the Kevlar strands and extending life. Ambidextrous gloves, fully washable and can be reused many times.



**Colour** Yellow  
**Norm** EN 388 144XB; EN 407 X1XXXX



Glove size	Material	Article Number
7	Aramid fibre	W06A-11108
8	Aramid fibre	W06A-11109
9	Aramid fibre	W06A-11110
10	Aramid fibre	W06A-11107

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**Glove Matrix D Grip white**

Seamless knitted with a PVC dot palm coating offering good dexterity and handling ability. PVC dots provide an excellent grip. Good abrasion resistance. Good mechanical protection and is extremely durable delivering excellent value for money.



**Colour** White  
**Norm** EN 388 214X



Glove size	Material	Coating	Coating Colour	Article Number
7	Nylon	PVC dots	Blue	W98L-50036
8	Nylon	PVC dots	Blue	W98L-50037
9	Nylon	PVC dots	Blue	W98L-50038
10	Nylon	PVC dots	Blue	W98L-50039



**Glove Tiger Paw® 76-301**

Made from polyester plated with cotton. Tiger Paw offers many features and benefits at an economical price. PVC dots for enhanced grip.



**Colour** Blue/White  
**Norm** EN 388 214XB



Glove size	Material	Coating	Coating Colour	Article Number
7	Cotton/PE	PVC dots	Blue	W06A-11020
8	Cotton/PE	PVC dots	Blue	W06A-11021
9	Cotton/PE	PVC dots	Blue	W06A-11022
10	Cotton/PE	PVC dots	Blue	W06A-11019





### Glove Hylite® 47-400

A versatile alternative to cotton, light leather and PVC. Special nitrile formulation provides an excellent combination of flexibility, mechanical resistance and oil repellency. Silicone-free. Ensures cleanliness of metal sheets: important in steel and motor industries. Antistatic according to EN1149

**Colour** Blue

**Norm** EN 388 3111A



Glove size	Material	Coating	Coating Colour	Article Number
7	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10985
8	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10986
8.5	Cotton/nitrile	Nitrile 3/4	Blue	W06A-11056
9	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10987
10	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10984

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### Glove Hycron® 27-600

Three times more durable than heavy-duty leather. Unique Ansell nitrile formulation offers superior resistance to sharp and abrasive materials. Stronger and more flexible than PVC. Provides excellent barrier to grease and oil, and does not degrade like leather or cotton. Knitted wrist, 3/4 nitrile dip. Made without silicone. Guaranteed clean for metals and motor manufacture. Antistatic according to EN1149

**Colour** Blue

**Norm** EN 388 4221



Glove size	Material	Coating	Coating Colour	Article Number
8	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10931
9	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10932
10	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10929
11	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10930



### Glove Hycron® 27-602

Three times more durable than heavy-duty leather. Unique Ansell nitrile formulation offers superior resistance to sharp and abrasive materials. Knitted wrist, fully coated. Stronger and more flexible than PVC. Provides excellent barrier to grease and oil, and does not degrade like leather or cotton. Made without silicone. Guaranteed clean for metals and motor manufacture. Antistatic according to EN1149

**Colour** Blue

**Norm** EN 388 4221



Glove size	Material	Coating	Coating Colour	Article Number
8	Cotton/nitrile	Nitrile, fully coated	Blue	W06A-10934
9	Cotton/nitrile	Nitrile, fully coated	Blue	W06A-10935
10	Cotton/nitrile	Nitrile, fully coated	Blue	W06A-10933



**Glove Hycron® 27-607**

Three times more durable than heavy-duty leather. Unique Ansell nitrile formulation offers superior resistance to sharp and abrasive materials. Stronger and more flexible than PVC. Provides excellent barrier to grease and oil, and does not degrade like leather or cotton. Made without silicone. Guaranteed clean for metals and motor manufacture. Antistatic according to EN1149

**Colour** Blue  
**Norm** EN 388 4221



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Glove size	Material	Coating	Coating Colour	Article Number
8	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10938
9	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10939
10	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10936
11	Cotton/nitrile	Nitrile 3/4	Blue	W06A-10937



**Glove Nitrotough N230Y**

Ideal alternative to PVC and light leather gloves. Interlock 100% cotton liner. Elastic knitwrist for snug fit.

**Colour** Yellow  
**Norm** EN 388 4111



Glove size	Material	Coating	Coating Colour	Article Number
6	Cotton/nitrile	Nitrile 3/4	Yellow	W06A-50321
7	Cotton/nitrile	Nitrile 3/4	Yellow	W06A-50322
8	Cotton/nitrile	Nitrile 3/4	Yellow	W06A-50323
10	Cotton/nitrile	Nitrile 3/4	Yellow	W06A-50319
9	Cotton/nitrile	Nitrile 3/4	Yellow	W06A-50324
11	Cotton/nitrile	Nitrile 3/4	Yellow	W06A-50320



**Sleeve Neptune® Kevlar®**

Constructed from high-tech 100% Kevlar para-aramid short fibers. Exceptional cut resistance. Sleeves feature thumb slots, protecting the wrist area.



Length	Colour	Article Number
mm		
356	Yellow	W06A-11210
457	Yellow	W06A-11211



**Sleeve HyFlex® 11-200**

Generous space in the arm area reduces sweat and itchiness. Anatomic design with adjustable forearm area enables freedom of movement. High visibility sleeve with Level 5 cut performance and Level 1 thermal protection. Better abrasion resistance (Level 2) and washability mean HyFlex 11-200 offers improved total cost of ownership.



Length	Colour	Article Number
mm		
475	Yellow	W06A-50094



### Glove Chemresist Nitrile

Synthetic rubber glove with nitrile coating. Offers very good abrasion and puncture resistance, and protection against a wide range of chemicals including strong detergents, oils and some solvents. Anatomically shaped ensuring comfort, and reducing hand fatigue. Slip resistant raised diamond pattern on palm of glove ensuring good grip in both wet and dry conditions. Soft cotton flock lining absorbs perspiration keeping hands cool. Easier to put on and take off. Contains a fungicidal and bacteriostatic agent. Thickness 0.38mm (measured on the palm), length: 33 cm. Anti-static properties: meets the surface resistivity requirements of EN1149 part1: 1995.



**Colour** Green

**Norm** EN 420; EN388 4101; EN 374



Glove size	Material	Coating	Coating Colour	Article Number
10	Nitrile/synthetic rubber	Nitrile	Green	W93L-50040
06	Nitrile/synthetic rubber	Nitrile	Green	W93L-50038
07	Nitrile/synthetic rubber	Nitrile	Green	W93L-50043
08	Nitrile/synthetic rubber	Nitrile	Green	W93L-50042
09	Nitrile/synthetic rubber	Nitrile	Green	W93L-50045

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### Glove Sol-Vex® 37-675

Ansell Sol-vex 37-675 Sol-Vex nitrile gloves are designed to deliver optimal results in wet or dry work environments where chemical resistance is crucial. The cotton-flock liner to the glove, combined with the flexibility of the nitrile film, offer exceptional comfort for the wearer. Reversed lozenge finish further enhances levels of grip. Antistatic according to EN1149



**Colour** Green

**Norm** EN 374 JKL AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
6	Nitrile	Nitrile	Green	W06A-11279
7	Nitrile	Nitrile	Green	W06A-11280
8	Nitrile	Nitrile	Green	W06A-11281
9	Nitrile	Nitrile	Green	W06A-11282
10	Nitrile	Nitrile	Green	W06A-11277
11	Nitrile	Nitrile	Green	W06A-11278



### Glove Sol-Vex® 37-676

Sol-Vex nitrile gloves are designed to deliver optimal results in wet or dry work environments where chemical resistance is crucial. The cotton-flock liner to the glove, combined with the flexibility of the nitrile film, offer exceptional comfort for the wearer. Reversed lozenge finish further enhances levels of grip. Antistatic according to EN1149



**Colour** Green

**Norm** EN 374 JKL AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green	W06A-11285
8	Nitrile	Nitrile	Green	W06A-11286
9	Nitrile	Nitrile	Green	W06A-11287
10	Nitrile	Nitrile	Green	W06A-11283
11	Nitrile	Nitrile	Green	W06A-11284



**Glove Sol-Vex® 37-695**

Sol-Vex nitrile gloves are designed to deliver optimal results in wet or dry work environments where chemical resistance is crucial. The cotton-flock liner to the glove, combined with the flexibility of the nitrile film, offer exceptional comfort for the wearer. Reversed lozenge finish further enhances levels of grip. Antistatic according to EN1149



**Colour** Green

**Norm** EN 374 AJL AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green	W06A-11290
8	Nitrile	Nitrile	Green	W06A-11291
9	Nitrile	Nitrile	Green	W06A-11292
10	Nitrile	Nitrile	Green	W06A-11288
11	Nitrile	Nitrile	Green	W06A-11289

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**Glove Sol-Vex® 37-900**

A newly developed nitrile film offers greater strength and superior chemical resistance. Sets new standards for mechanical performance. Out-performs most other nitriles in permeation tests. 100% sampling testing: every is individually subjected to a leakproof test and checked for defects before dispatch.



**Colour** Red

**Norm** EN 374 AKJ; EN 388 4102



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Red	W06A-11295
8	Nitrile	Nitrile	Red	W06A-11296
9	Nitrile	Nitrile	Red	W06A-11297
10	Nitrile	Nitrile	Red	W06A-11293
11	Nitrile	Nitrile	Red	W06A-11294



**Glove Tricopren® 725**

Made with a special manufacturing process: The liner is pulled on the form after the chloroprene dipping process. This way, a 100 % impenetrability is guaranteed. Liner made of 100% cotton and is knitted without any seams. Offers good resistance against mechanical risks and various chemical risks. Free from natural latex and the adhesive is based on a solvent-free dispersion developed by KCL.



**Colour** Grey

**Norm** EN 374 AKL; EN 388 2121



Glove size	Material	Coating	Article Number
8	CR	CR	W85F-50030
9	CR	CR	W85F-50029
10	CR	CR	W85F-50032
11	CR	CR	W85F-50031



### Glove Camatril® Velours 730

Top-quality protective made of high-quality nitrile, for a wide range of applications large spectrum of chemical resistance makes this a versatile suitable for numerous applications. Good flexibility, anatomical design and excellent fit ensure a good sensitivity. Flock lining offers additional wearing comfort. Glove is approved for food handling and processing according to EU 1935/2004.



**Colour** Green  
**Norm** EN 374 AJL; AQL 0.65; EN 388 3001



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green	W85F-50026
8	Nitrile	Nitrile	Green	W85F-50025
9	Nitrile	Nitrile	Green	W85F-50024
10	Nitrile	Nitrile	Green	W85F-50028
11	Nitrile	Nitrile	Green	W85F-50027

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### Glove Camatril® green 732

Top-quality protective made of high-quality nitrile, for a wide range of applications Large spectrum of chemical resistance makes this a versatile suitable for numerous applications. Good flexibility, anatomical design and excellent fit ensure a good sensitivity. Flock lining offers additional wearing comfort. Glove is approved for food handling and processing according to EU 1935/2004.



**Colour** Green  
**Norm** EN 374 AJL; AQL 0.65; EN 388 3001



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green	W85F-50021
8	Nitrile	Nitrile	Green	W85F-50020
9	Nitrile	Nitrile	Green	W85F-50019
10	Nitrile	Nitrile	Green	W85F-50023
11	Nitrile	Nitrile	Green	W85F-50022



### Glove Sol-Knit® 39-122

Industrial nitrile glove providing heavy-duty mechanical and chemical protection for a wide variety of work environments. Superior dexterity and the high levels of wet and dry grip.



**Colour** Green  
**Norm** EN 374 ; EN 388 4111; EN 407 X1XXXXXX



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile, rough finish	Green	W06A-11303
8	Nitrile	Nitrile, rough finish	Green	W06A-11304
10	Nitrile	Nitrile, rough finish	Green	W06A-11302
9	Nitrile	Nitrile, rough finish	Green	W06A-11305



### Glove AlphaTec™ 58-270

Designed for light to medium chemical applications. Provides fantastic grip, even when used with oil & grease thanks to the Ansell Grip Technology™. Antistatic according to EN1149



**Colour** Black/Grey  
**Norm** EN 374 JKL; EN 388 X131; AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
6	Nitrile	Nitrile	Black/Grey	W06A-51113
7	Nitrile	Nitrile	Black/Grey	W06A-11671
8	Nitrile	Nitrile	Black/Grey	W06A-11705
9	Nitrile	Nitrile	Black/Grey	W06A-11782
10	Nitrile	Nitrile	Black/Grey	W06A-11564
11	Nitrile	Nitrile	Black/Grey	W06A-11668

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### Glove AlphaTec™ 58-530B

The AlphaTec incorporates revolutionary Ansell Grip Technology™ to enable users to handle wet or oily objects with less grip force and more control. Models with white nylon liner are recommended for indoor applications, whereas models with black acrylic liner are recommended for outdoor applications. Antistatic according to EN1149



**Colour** Green/grey  
**Norm** EN 374 JKL; EN 388 4121; AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green/grey	W06A-50043
8	Nitrile	Nitrile	Green/grey	W06A-50044
9	Nitrile	Nitrile	Green/grey	W06A-50045
10	Nitrile	Nitrile	Green/grey	W06A-50046
11	Nitrile	Nitrile	Green/grey	W06A-50047



### Glove AlphaTec™ 58-530W

The AlphaTec incorporates revolutionary Ansell Grip Technology™ to enable users to handle wet or oily objects with less grip force and more control. Models with white nylon liner are recommended for indoor applications, whereas models with black acrylic liner are recommended for outdoor applications. Antistatic according to EN1149



**Colour** Green/grey  
**Norm** EN 374 JKL; EN 388 4121; AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green/grey	W06A-50048
8	Nitrile	Nitrile	Green/grey	W06A-50049
9	Nitrile	Nitrile	Green/grey	W06A-50050
10	Nitrile	Nitrile	Green/grey	W06A-50051
11	Nitrile	Nitrile	Green/grey	W06A-50052



### Glove AlphaTec™ 58-535B

The AlphaTec incorporates revolutionary Ansell Grip Technology™ to enable users to handle wet or oily objects with less grip force and more control. Models with white nylon liner are recommended for indoor applications, whereas models with black acrylic liner are recommended for outdoor applications. Antistatic according to EN1149



**Colour** Green/grey

**Norm** EN 374 JKL; EN 388 4121; AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green/grey	W06A-50053
8	Nitrile	Nitrile	Green/grey	W06A-50054
9	Nitrile	Nitrile	Green/grey	W06A-50055
10	Nitrile	Nitrile	Green/grey	W06A-50056
11	Nitrile	Nitrile	Green/grey	W06A-50057

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### Glove AlphaTec™ 58-535W

The AlphaTec incorporates revolutionary Ansell Grip Technology™ to enable users to handle wet or oily objects with less grip force and more control. Models with white nylon liner are recommended for indoor applications, whereas models with black acrylic liner are recommended for outdoor applications. Antistatic according to EN1149



**Colour** Green/grey

**Norm** EN 374 JKL; EN 388 4121; AQL 0.65



Glove size	Material	Coating	Coating Colour	Article Number
7	Nitrile	Nitrile	Green/grey	W06A-50058
8	Nitrile	Nitrile	Green/grey	W06A-50059
9	Nitrile	Nitrile	Green/grey	W06A-50060
10	Nitrile	Nitrile	Green/grey	W06A-50061
11	Nitrile	Nitrile	Green/grey	W06A-50062



### Glove Grip It® oil gauntlet C1

Dual coated chemical resistant gauntlet that utilises two layers of nitrile to provide a protective. Extremely comfortable with an outstanding grip that is effective in oily environments. The first layer sits on a soft seamless knitted liner and is highly resilient allowing for excellent dexterity. Complimented by a palm nitrile coating that has been infused with microfoam bubbles maximising grip and increasing resistance to oils and liquids.



**Colour** Green/Black

**Norm** EN 374 AJK; EN 388 4121



Glove size	Material	Coating	Coating Colour	Article Number
8	Nitrile	Micro foam nitrile	Green/Black	W98L-50845
8	Nitrile	Micro foam nitrile	Green/Black	W98L-50846
10	Nitrile	Micro foam nitrile	Green/Black	W98L-50847
11	Nitrile	Micro foam nitrile	Green/Black	W98L-50848





**Glove Grip It® Oil gauntlet C5**

Specifically developed to address the need for a single solution. Offers ultimate mechanical and chemical protection in both wet and oily environments. Constructed using a soft, seamless high cut resistant Kevlar liner and a dual waterproof PVC coating. Outer layer has a granular finish to provide an enhanced grip and is especially competent in oily conditions. Offers good resistance against oil, and many acids, caustics, alcohols. Heat resistant under EN407 for Thermal Hazards



**Colour** Green/Black  
**Norm** EN 374 AKL; AQL 0.65; EN 388 4542; EN 407 X1XXXX



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Glove size	Material	Coating	Coating Colour	Article Number
8	PVC	PVC	Green/Black	W98L-50849
9	PVC	PVC	Green/Black	W98L-50850
10	PVC	PVC	Green/Black	W98L-50851
11	PVC	PVC	Green/Black	W98L-50852



**Glove Camapren® 720**

Made of polychloroprene and natural latex, a proven material that provides the perfect balance of chemical and mechanical resistance More durable alternative to natural latex. Anatomical design helps reduce operator fatigue, while good flexibility and a distinct palm profile ensure excellent sensitivity and a sure grip. Cotton flock lining provides comfort.



**Colour** Black  
**Norm** EN 374 AKL; EN 388 1111



Glove size	Material	Coating	Coating Colour	Article Number
7	CR/latex	Latex	Black	W85F-50040
8	CR/latex	Latex	Black	W85F-50039
9	CR/latex	Latex	Black	W85F-50038
10	CR/latex	Latex	Black	W85F-50042
11	CR/latex	Latex	Black	W85F-50041



**Glove Camapren® 722**

Made of polychloroprene and natural latex, a proven material that provides the perfect balance of chemical and mechanical resistance More durable alternative to natural latex. Anatomical design helps reduce operator fatigue, while good flexibility and a distinct palm profile ensure excellent sensitivity and a sure grip. Cotton flock lining provides comfort.



**Colour** Red  
**Norm** EN 374 AKL; EN 388 1111



Glove size	Material	Coating	Coating Colour	Article Number
7	CR/latex	Latex	Red	W85F-50035
8	CR/latex	Latex	Red	W85F-50034
9	CR/latex	Latex	Red	W85F-50033
10	CR/latex	Latex	Red	W85F-50037
11	CR/latex	Latex	Red	W85F-50036



### Glove Camapren® 726

Made of polychloroprene and natural latex, a proven material that provides the perfect balance of chemical and mechanical resistance. More durable alternative to natural latex. Anatomical design helps reduce operator fatigue and ensures excellent sensitivity and a sure grip. Cotton flock lining provides comfort.



**Colour** Black

**Norm** EN374 AKL; AQL 0.65; EN 388 1111



Glove size	Material	Coating	Coating Colour	Article Number
8	CR/latex	CR/latex	Black	W85F-50005
10	CR/latex	CR/latex	Black	W85F-50007
11	CR/latex	CR/latex	Black	W85F-50006

5



### Glove Lapren® 706

Medium-weight natural latex protective which incorporates polychloroprene to improve chemical resistance. The special mixture of materials ensures high elasticity, plus good tensile strength and tear resistance. The palm surface ensures a firm grip even in wet working environments, while maintaining a high degree of sensitivity. Cotton flock lining, stretched cuff and anatomical design.



**Colour** Green

**Norm** EN 374; AQL 0.65; EN 388 2020



Glove size	Material	Coating	Coating Colour	Article Number
7	CR/latex	Latex	Green	W85F-50045
8	CR/latex	Latex	Green	W85F-50044
9	CR/latex	Latex	Green	W85F-50043
10	CR/latex	Latex	Green	W85F-50046



### Glove Bi-Colour™ 87-900

Ansell Bi-colour™ 87-900 Latex/neoprene blend for reliable protection against a very wide range of chemicals. Double dipped for extra protection. Heavyweight resistance to salts and detergents. Unsupported heavyweight with embossed lozenge finish for excellent wet and dry grip. Quality flocklining in pure cotton



**Colour** Yellow/Green

**Norm** EN 374 AKL; AQL 0.65; EN 388 X120; EN 421



Glove size	Material	Coating	Coating Colour	Article Number
06.5-7 (S)	Latex/neoprene	Latex/neoprene	Yellow/Green	W06A-11341
07.5-8 (M)	Latex/neoprene	Latex/neoprene	Yellow/Green	W06A-11342
08.5-9 (L)	Latex/neoprene	Latex/neoprene	Yellow/Green	W06A-11343
09.5-10 (XL)	Latex/neoprene	Latex/neoprene	Yellow/Green	W06A-11344
10.5-11 (XXL)	Latex/neoprene	Latex/neoprene	Yellow/Green	W06A-11340



### Glove Barrier® 02-100

Ansell Barrier 02-100 Chemical resistant. 5 layer laminated glove. Hand-specific and ergonomic design. Wide Spectrum Resistance. 100% inspected.



**Colour** White

**Norm** EN 374 ABC; AQL 0.65



Glove size	Material	Article Number
6	HPPE Laminated Film	W06A-11221
7	HPPE Laminated Film	W06A-11222
8	HPPE Laminated Film	W06A-11223
9	HPPE Laminated Film	W06A-11224
10	HPPE Laminated Film	W06A-11219
11	HPPE Laminated Film	W06A-11220

5



### Glove Versatouch 87-195

General purpose natural rubber latex cleaning glove. 0.35mm thick for outstanding sensitivity.



**Colour** Blue

**Norm** EN 374; EN 388 X010; AQL 1.5



Glove size	Material	Coating	Article Number
06.5-7 (S)	Natural latex	Natural latex	W06A-11047
07.5-8 (M)	Natural latex	Natural latex	W06A-11048
08.5-9 (L)	Natural latex	Natural latex	W06A-11049
09.5-10 (XL)	Natural latex	Natural latex	W06A-11050



### Glove Econohands® Plus 87-190

Ansell Econohands 87-190 General purpose natural rubber latex cleaning glove. 0.35mm thick for outstanding sensitivity.



**Colour** Yellow

**Norm** Category 1 minimal risk; AQL 1.5



Glove size	Material	Coating	Coating Colour	Article Number
06.5-7 (S)	Natural latex	Natural latex	Yellow	W06A-11043
07.5-8 (M)	Natural latex	Natural latex	Yellow	W06A-11044
08.5-9 (L)	Natural latex	Natural latex	Yellow	W06A-11045
09.5-10 (XL)	Natural latex	Natural latex	Yellow	W06A-11046



**Glove Freezmaster II**

Polyco Freezmaster II Premium quality leather glove, which is exceptionally comfortable whilst keeping you protected, warm and dry. The provides insulation by way of a fleecy lining. A waterproof membrane helps retain heat and resist water. Spandex on the back of the hand ensures greater flexibility and comfort in extended use. Reflective piping improves visibility and safety of the wearer.



**Colour** Black/Grey  
**Norm** EN 388 2112; EN 511 22X



Glove size	Material	Article Number
6	Leather	W98L-50711
7	Leather	W98L-50712
8	Leather	W98L-50713
9	Leather	W98L-50714
10	Leather	W98L-50715
11	Leather	W98L-50716

5



**Glove Crusader® Flex 42-474**

Crusader Flex 42-474 Designed for intermittent handling of hot objects up to 180°C. Provides high resistance to cuts, minor injuries and abrasion. Enhances grip on dry and oily surfaces. Comfortable & flexible; sweat absorbent non-woven felt inner.



**Colour** Grey  
**Norm** EN 388 2241B; EN 407 X2XXXX



Glove size	Material	Coating	Coating Colour	Article Number
9	Nitrile/PE	Nitrile	Grey	W06A-11440
8	Nitrile/PE	Nitrile	Grey	W06A-50090
10	Nitrile/PE	Nitrile	Grey	W06A-11439



**Glove Mercury® 43-113**

Top of the range gloves for the most exacting hot applications. Also provides fantastic resistance to cuts, tears and abrasion. Soft, comfortable and absorbent. Designed for intermittent dry heat contact up to 350°C.



**Colour** Yellow  
**Norm** EN 388 154XE; EN 407 43421X



Glove size	Material	Article Number
10	Aramid fibre	W06A-11441
11	Aramid fibre	W06A-50091



### Glove Electricians class 00

Electrically insulating gloves made from non-conductive natural rubber. Combines high dielectric and physical strength to offer excellent electrical resistance. Certified to EN60903, they offer the highest level of electrical protection available. Every pair is electrically tested prior to release for sale. No gloves of classes 1, 2, 3 and 4 should be used unless they have been tested within a maximum period of six months.



**Colour** Natural colour  
**Norm** EN 60903 Class 00  
**For nominal voltage up to** 500 V



5

Glove size	Material	Coating	Coating Colour	Article Number
8	Latex	Latex	Natural colour	W98L-50751
9	Latex	Latex	Natural colour	W98L-50752
10	Latex	Latex	Natural colour	W98L-50753
11	Latex	Latex	Natural colour	W98L-50754



### Glove Electricians class 0

Electrically insulating gloves made from non-conductive natural rubber. Combines high dielectric and physical strength to offer excellent electrical resistance. Certified to EN60903, they offer the highest level of electrical protection available. Every pair is electrically tested prior to release for sale. No gloves of classes 1, 2, 3 and 4 should be used unless they have been tested within a maximum period of six months.



**Colour** Natural colour  
**Norm** EN 60903 Class 0  
**For nominal voltage up to** 1000 V



Glove size	Material	Coating	Coating Colour	Article Number
8	Latex	Latex	Natural colour	W98L-50755
9	Latex	Latex	Natural colour	W98L-50756
10	Latex	Latex	Natural colour	W98L-50757
11	Latex	Latex	Natural colour	W98L-50758



### Glove Electricians class 1

Electrically insulating gloves made from non-conductive natural rubber. Combines high dielectric and physical strength to offer excellent electrical resistance. Certified to EN60903, they offer the highest level of electrical protection available. Every pair is electrically tested prior to release for sale. No gloves of classes 1, 2, 3 and 4 should be used unless they have been tested within a maximum period of six months.



**Colour** Natural colour  
**Norm** EN 60903 Class 1  
**For nominal voltage up to** 7500 V



Glove size	Material	Coating	Coating Colour	Article Number
8	Latex	Latex	Natural colour	W98L-50760
9	Latex	Latex	Natural colour	W98L-50761
10	Latex	Latex	Natural colour	W98L-50762
11	Latex	Latex	Natural colour	W98L-50763



### Glove Electricians class 2

Electrically insulating gloves made from non-conductive natural rubber. Combines high dielectric and physical strength to offer excellent electrical resistance. Certified to EN60903, they offer the highest level of electrical protection available. Every pair is electrically tested prior to release for sale. No gloves of classes 1, 2, 3 and 4 should be used unless they have been tested within a maximum period of six months.



**Colour** Natural colour  
**Norm** EN 60903 Class 2  
**For nominal voltage up to** 17000 V



Glove size	Material	Coating	Coating Colour	Article Number
8	Latex	Latex	Natural colour	W98L-50764
9	Latex	Latex	Natural colour	W98L-50765
10	Latex	Latex	Natural colour	W98L-50766
11	Latex	Latex	Natural colour	W98L-50767

5



### Glove Electricians class 3

Electrically insulating gloves made from non-conductive natural rubber. Combines high dielectric and physical strength to offer excellent electrical resistance. Certified to EN60903, they offer the highest level of electrical protection available. Every pair is electrically tested prior to release for sale. No gloves of classes 1, 2, 3 and 4 should be used unless they have been tested within a maximum period of six months.



**Colour** Natural colour  
**Norm** EN 60903 Class 3  
**For nominal voltage up to** 26500 V



Glove size	Material	Coating	Coating Colour	Article Number
8	Latex	Latex	Natural colour	W98L-50769
9	Latex	Latex	Natural colour	W98L-50770
10	Latex	Latex	Natural colour	W98L-50771
11	Latex	Latex	Natural colour	W98L-50772



### Glove Electricians class 4

Electrically insulating gloves made from non-conductive natural rubber. Combines high dielectric and physical strength to offer excellent electrical resistance. Certified to EN60903, they offer the highest level of electrical protection available. Every pair is electrically tested prior to release for sale. No gloves of classes 1, 2, 3 and 4 should be used unless they have been tested within a maximum period of six months.



**Colour** Natural colour  
**Norm** EN 60903 Class 4  
**For nominal voltage up to** 36000 V



Glove size	Material	Coating	Coating Colour	Article Number
8	Latex	Latex	Natural colour	W98L-50780
9	Latex	Latex	Natural colour	W98L-50781
10	Latex	Latex	Natural colour	W98L-50782
11	Latex	Latex	Natural colour	W98L-50783



### Glove Electricians bag

Glove Bag for Electricians Gloves Designed to store and carry Electricians Gloves™. Protects gloves when not in use



**Colour** Black



Article Number
W98L-50740

5



### Glove disposable latex powder free GD05

Shield powder free latex gloves.



**Norm** EN 374; EN 455; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
XS	Natural colour	No	Latex	W03M-50119
S	Natural colour	No	Latex	W03M-50130
M	Natural colour	No	Latex	W03M-50117
L	Natural colour	No	Latex	W03M-50131
XL	Natural colour	No	Latex	W03M-50118



### Glove disposable latex powdered blue GD41

Shield blue powdered latex gloves.



**Norm** EN 374; EN 455; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
S	Blue	Yes	Latex	W03M-50106
M	Blue	Yes	Latex	W03M-50090
XL	Blue	Yes	Latex	W03M-50107
L	Blue	Yes	Latex	W03M-50091



### Glove disposable latex powdered GD45

Shield powdered latex gloves.



**Norm** EN 374; EN 455; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
XS	Blue	Yes	Latex	W03M-50160
S	Blue	Yes	Latex	W03M-50175
M	Blue	Yes	Latex	W03M-50158
L	Blue	Yes	Latex	W03M-50176
XL	Blue	Yes	Latex	W03M-50159





**Glove disposable TouchNTuff® 92-500**

Resists a greater variety of industrial chemicals for longer periods than any other nitrile disposable gloves. TouchNTuff offers up to four times the puncture resistance of comparable natural-latex gloves, and three times the resistance of similar neoprene gloves. Contains no natural rubber proteins, which means no risk of Type I allergies for the wearer. Highly versatile and suitable for many different uses. TouchNTuff is anti-staticity tested (EN 1149-1 & 1149-3) and meets the requirements defined in EN 1149 variety of applications

**Norm** EN 374; EN 421; AQL value 1.5

**Packaging** Box with 100 pairs



5

Glove size	Colour	Powdered	Material	Article Number
6.5-7 (S)	Green	Yes	Nitrile	W06A-11547
7.5-8 (M)	Green	Yes	Nitrile	W06A-11546
8.5-9 (L)	Green	Yes	Nitrile	W06A-11545
9.5-10 (XL)	Green	Yes	Nitrile	W06A-11548



**Glove disposable TouchNTuff® 92-600**

TouchNTuff resists a greater variety of industrial chemicals for longer periods than any other nitrile disposable gloves. Manufactured from nitrile the glove offers up to four times the puncture resistance of comparable natural-latex gloves. Contains no natural rubber proteins, which means no risk of Type I allergies for the wearer. TouchNTuff is anti-staticity tested to (EN 1149-1 & 1149-3) and meets the requirements defined in EN 1149-5.

**Norm** EN 374; EN 421; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
6.5-7 (S)	Green	No	Nitrile	W06A-11551
7.5-8 (M)	Green	No	Nitrile	W06A-11550
8.5-9 (L)	Green	No	Nitrile	W06A-11549
9.5-10 (XL)	Green	No	Nitrile	W06A-11552



**Glove disposable TouchNTuff® 92-605**

TouchNTuff resists a greater variety of industrial chemicals for longer periods than any other nitrile disposable gloves. Manufactured from nitrile the glove offers up to four times the puncture resistance of comparable natural-latex gloves. Contains no natural rubber proteins, which means no risk of Type I allergies for the wearer. TouchNTuff is anti-staticity tested to (EN 1149-1 & 1149-3) and meets the requirements defined in EN 1149-5.

**Norm** EN 374; EN 421; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
6.5-7 (S)	Green	No	Nitrile	W06A-11724
7.5-8 (M)	Green	No	Nitrile	W06A-11634
8.5-9 (L)	Green	No	Nitrile	W06A-11632
9.5-10 (XL)	Green	No	Nitrile	W06A-11755



**Glove disposable TouchNTuff® 92-670**

Made from an innovative nitrile compound which offers outstanding chemical and mechanical properties, comfort and dexterity. 100% nitrile; no waxes, silicone or plasticizers. Textured finish on fingertips for improved grip.



**Norm** EN 374; EN 421; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
6.5-7 (S)	Blue	No	Nitrile	W06A-11357
7.5-8 (M)	Blue	No	Nitrile	W06A-11356
8.5-9 (L)	Blue	No	Nitrile	W06A-11355
9.5-10 (XL)	Blue	No	Nitrile	W06A-11358

5



**Glove disposable Finite® P indigo**

Polyco FINITE P INDIGO AF Premium powder free nitrile disposable providing an effective barrier against oils, acids and other chemicals. AQL rating of 1.5 Made from high quality nitrile synthetic rubber. Conforms to standard EN1149 for anti-static properties.



**Norm** EN 374; EN 455; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
5.5	Indigo	No	Nitrile	W11D-50354
6.5	Indigo	No	Nitrile	W11D-50134
7.5	Indigo	No	Nitrile	W11D-50135
8.5	Indigo	No	Nitrile	W11D-50136
9.5	Indigo	No	Nitrile	W11D-50137



**Glove disposable Finite® black**

Powder free nitrile disposable glove. Offers an effective barrier against oils, acids and other chemicals. Unique diamond grip pattern over the entire hand area. Superior strength nitrile formulation. AQL rating of 1.5.



**Norm** EN 374; AQL 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
07	Black	No	Nitrile	W98L-50870
08	Black	No	Nitrile	W98L-50871
09	Black	No	Nitrile	W98L-50872
10	Black	No	Nitrile	W98L-50873



### Glove disposable Finite® orange HD

Powder free HD nitrile disposable glove. Provides an effective barrier against oils, acids and other chemicals. Features a unique diamond grip pattern which optimises surface performance and ensures an outstanding grip. Made from a superior strength nitrile formulation. Exceptional resistance to tears and punctures. Good chemical and mechanical properties. AQL rating of 1.5.



**Norm** EN 374; AQL 1.5  
**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
07	Orange	No	Nitrile	W98L-50874
08	Orange	No	Nitrile	W98L-50875
09	Orange	No	Nitrile	W98L-50876
10	Orange	No	Nitrile	W98L-50877

5



### Glove disposable Nitrile™ blue GL890

Powder free non-sterile nitrile examination glove. AQL rating of 1.5 High quality nitrile synthetic rubber. Textured fingertips for improved grip.



**Norm** EN 374; AQL 1.5  
**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
XS	Blue	No	Nitrile	W98L-50441
S	Blue	No	Nitrile	W98L-50438
M	Blue	No	Nitrile	W98L-50439
L	Blue	No	Nitrile	W98L-50440
L	Blue	No	Nitrile	W98L-50442



### Glove disposable Nitrile Long Cuff™ blue GL891

As GL890 but with with Long Cuff™ Long 30cm cuff provides additional protection.



**Norm** EN 374; AQL 1.5  
**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
S	Blue	No	Nitrile	W98L-50653
M	Blue	No	Nitrile	W98L-50654
L	Blue	No	Nitrile	W98L-50655
XL	Blue	No	Nitrile	W98L-50656



**Glove disposable Dermatril® 740 nitrile powder-free**

In addition to high protection against chemical and bacteriological contamination, the glove also displays very good mechanical durability in comparison to conventional disposable gloves. AQL < 0.65 free from natural latex resistant to a multitude of cytostatic drugs virus-resistant according to ASTM 1671:2007 Meets the requirements of EN 455 This is a medical-grade product according to guideline 93/42/EWG. Excellent dexterity, extremely comfortable increased tear resistance Textured fingertips for improved grip. Comfortable fit.



**Norm** EN 374; EN 455; AQL 0.65

**Packaging** Box with 100 pairs



5

Glove size	Colour	Powdered	Material	Article Number
06	Blue	No	Nitrile	W85F-50016
07	Blue	No	Nitrile	W85F-50015
08	Blue	No	Nitrile	W85F-50014
09	Blue	No	Nitrile	W85F-50013
10	Blue	No	Nitrile	W85F-50018
11	Blue	No	Nitrile	W85F-50017



**Glove disposable PF Nitrile Glove Dermatril 741**

Disposable, chemical resistant protective in accordance with EN374. A longer version of the Dermatril 740 (28cm) High protection against chemical and bacteriological contamination. Very good mechanical durability when compared to conventional disposable gloves. Glove is approved for food handling and processing according to EU 1935/2004. All Dermatril disposable gloves are individually marked on the inside, so protection is never compromised.



**Norm** EN 374; AQL 0.65; EN 455;

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
07	Blue	No	Nitrile	W85F-50010
08	Blue	No	Nitrile	W85F-50009
09	Blue	No	Nitrile	W85F-50008
10	Blue	No	Nitrile	W85F-50012
11	Blue	No	Nitrile	W85F-50011



**Glove disposable nitrile powder free blue GD19**

Shield2 blue powder free nitrile gloves.



**Norm** EN 374; EN 455; AQL value 1.5

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
S	Blue	No	Nitrile	W03M-50030
M	Blue	No	Nitrile	W03M-50023
L	Blue	No	Nitrile	W03M-50031
XL	Blue	No	Nitrile	W03M-50024



**Glove disposable NeoTouch® 25-101**

Neoprene single-use gloves for industrial usage. With latex-free formulation, NeoTouch gloves are appropriate for the prevention of Type I allergies. Excellent resistance to acids, bases and alcohols. A polyurethane inner-coating ensures easy donning. Textured fingertips provide a secure grip in both dry and wet conditions. Inspected to AQL of 1.5 for pinholes.

**Norm** EN 374; AQL 1.5  
**Packaging** Box with 100 pairs



5

Glove size	Colour	Powdered	Material	Article Number
6.5-7 (S)	Green	No	CR	W06A-11510
7.5-8 (M)	Green	No	CR	W06A-11509
8.5-9 (L)	Green	No	CR	W06A-11508
9.5-10 (XL)	Green	No	CR	W06A-11511



**Glove disposable clear vinyl powdered GD47**

Shield2 powdered clear vinyl gloves. Order quantity: 100 pieces per box or 10x100 per case.

**Norm** Category 1 minimal Risk  
**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
S	Clear	Yes	Vinyl	W03M-50132
M	Clear	Yes	Vinyl	W03M-50120
L	Clear	Yes	Vinyl	W03M-50133
XL	Clear	Yes	Vinyl	W03M-50121



**Glove disposable vinyl powder free GD09**

Shield2 clear powder free clear vinyl gloves.

**Norm** Category 1 minimal Risk  
**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
S	Clear	No	Vinyl	W03M-50010
M	Clear	No	Vinyl	W03M-50028
L	Clear	No	Vinyl	W03M-50036
XL	Clear	No	Vinyl	W03M-50029



**Glove disposable vinyl powdered blue GD11**

Shield2 blue powdered vinyl gloves.

**Norm** Category 1 minimal Risk  
**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
S	Blue	Yes	Vinyl	W03M-50074
M	Blue	Yes	Vinyl	W03M-50063
L	Blue	Yes	Vinyl	W03M-50075
XL	Blue	Yes	Vinyl	W03M-50064



### Glove disposable vinyl powder free blue GD13

Shield2 blue powder free vinyl gloves.



**Norm** Category 1 minimal Risk

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
S	Blue	No	Vinyl	W03M-50045
M	Blue	No	Vinyl	W03M-50037
L	Blue	No	Vinyl	W03M-50046
XL	Blue	No	Vinyl	W03M-50038

5



### Glove disposable polythene GD55

Shield clear embossed PE gloves.



**Norm** Category 1 minimal Risk

**Packaging** Box with 100 pairs



Glove size	Colour	Powdered	Material	Article Number
M	Clear	No	PE (polyethylene)	W03M-50057
L	Clear	No	PE (polyethylene)	W03M-50071



## Clothing

Employees need functional and durable clothing to protect themselves against risks they are faced with in the course of their daily work or in order to ensure continuity in the production process. Whatever the conditions, whatever the application, ERIKS offers an extensive range of work wear and protective clothing.

This chapter includes disposable clothing that can be used in dusty environments, or which provides limited-life protection against chemicals or other hazardous substances. You will also find a wide range of CE approved protective clothing, including high visibility, flame retardant, and chemical resistant garments, as well as clothing and outfits that protect you from the cold, wind or rain.

Some working conditions require the use of appropriate clothing. In addition, clothing that is comfortable to wear automatically improves your safety and the safety of your co-workers. If protective clothing is necessary, the company will provide it to help protect you and your co-workers from any risks.



## Make the right choice

Once the determination has been made as to the role of clothing in your company and the requirements that the clothing must meet, a choice can be made from a wide selection of possibilities.

### Our selection is extensive

- Work clothing
- Leisure clothing
- Rainproof clothing
- High visibility clothing
- Flame-retardant clothing
- Anti-static clothing
- Chemical-resistant clothing
- Winter and cold resistant clothing
- Thermal underwear
- Disposable clothing
- Accessories

We also have a wide selection of materials: Cotton, polyester/cotton, cotton/polyester, acryl, nylon, beaver nylon, polypropylene, etc. When selecting work clothing, the types of materials and their characteristics and good and bad points should be taken in to consideration.

Our product specialists will be pleased to assist you.



## Applicable European standards for protective clothing are as follows:



**EN 343: 2003 + AA:2007**  
Protective clothing against rain

**Parameters:**

- x: Waterproofness (3 levels).
- y: Breathing properties (3 levels).



**EN ISO 20471**  
Protective clothing for high visibility

**Summary of the main updates to the new EN ISO 20471 standard:**

1. Class 1 retroreflective tape is no longer an option so only Class 2 retroreflective tape is permissible.
2. The EN ISO 20471 symbol has been updated.
3. Placement of retroreflective tape: The mandatory patterns for retroreflective tape remain unchanged, except now additional bands of tape may be added to achieve required areas.
4. Class 3 garments must now be garments, which cover the torso and have either full-length sleeves and or full-length legs.
5. Fluorescent background materials must pass colour and luminescence tests after stated number of washes on the care label (not applicable to vests and tabards).
6. Tensile strength, burst strength, tear strength requirements have been reduced.
7. Colourfastness to perspiration staining requirement has increased to 4.
8. Colourfastness to washing/drycleaning staining requirement has been reduced to 4 for non-fluorescent fabrics.
9. Water vapour permeability requirements for fabrics (excluding EN 343 fabrics) have been amended.
10. Retroreflective tape: Performance after washing test method requires each cycle to be a wash and dry cycle.



**EN 14058**  
Protective clothing against cool environments

**Parameters:**

- a: Thermal isolation (Rct) (3 levels).
- b: Optional, air permeability (3 levels).
- c: Optional, waterproofness (2 levels).
- d: Optional, isolation (cler).
- e: Optional, isolation (cle).



**EN 342**  
Protective clothing against cold (< -5 °C)

**Parameters:**

- x: Resulting thermal insulation measured with underwear of type B.
- y: Air permeability (3 levels).
- z: Breathing properties (3 levels).

**EN 381**

The standard is composed of several parts.

**Each part deals with a specific part of the body:**

**EN 381-5: Leg protectors**

- Type A and type B clothing is intended for use in normal forestry activities by professional lumberjacks who are properly trained and informed.
- Type C clothing is intended for use by persons who do not normally work with chainsaws or in unusual conditions.

**EN 381-7: Cut-protection gloves****EN 381-9: Cut-protection leg protectors****EN 381-11: Upper body**

The standard also describes 4 classes, which match the speed of the chain that the tests were done with.

Not all classes are permitted in every part of the standard.

- Class 0: 16 m/s.
- Class 1: 20 m/s.
- Class 2: 24 m/s.
- Class 3: 28 m/s.

**EN ISO 14116 (supersedes EN 533)**

Protective clothing with limited flame spread properties

**Criteria:**

1. Limited spread of flame.
2. Formation of hole.
3. Flaming debris.
4. Afterglow shall not spread.
5. After flame time.

**EN ISO 11612 (supersedes EN 531)**

Protective clothing for workers exposed to heat (excluding fire and welders clothing)

**Parameters:**

- a. Min. requirements, fabric combination conforms to EN 14116 index 3.
- b. (B1>B3): Isolation against convective heat.
- c. (C1>C4): Isolation against radiant heat.
- d. (D1>D3): Isolation against molten aluminium.
- e. (E1>E3): Isolation against molten cast iron.
- f. (F1>F3): Isolation against contact heat.
- w. Waterproofness (2 levels) optional.

**Heat protection clothing for heat exposed industry work**

Extreme temperatures of over 1000 °C radiation heat need extreme protection coatings. Because of this ERIKS offers various fabric qualities.

■ **JT260PXAHV (KA-1)**

Preox-aramid fabric, ± 260 g/m<sup>2</sup>, with aluminium high vacuum coating, very light, very soft model with extreme wear comfort.

■ **JT400PXAHV (KA-2)**

Preox-aramid fabric, ± 400 g/m<sup>2</sup>, with aluminium high vacuum coating, medium weight, very soft model with extreme wear comfort.

■ **JT500KAHV (KA-3)**

Aramid fabric, ± 500 g/m<sup>2</sup>, with aluminium high vacuum coating, medium heavy, very soft model with extreme wear comfort.

**EN 1149-5**

Protection against the danger caused by static electricity

**IEC 61482-2**

Protective clothing against the thermal hazards of an electric ARC.

IEC 61482-1-2 tested.

**Parameters:**

- Class 1 < 4 kA.
- Class 2 < 7 kA.

**EN ISO 11611**

Protective clothing for use in welding and allied processes

**Parameters:**

- Class 1: Lower level > less hazardous welding situations.
- Class 2: High level > more hazardous welding situations.







**EN 14605**

Protection against liquid chemicals

**Parameters:**

- Type 4: Full body clothing, spray tight connections (EN 465).
- Type 3: Full body clothing, liquid tight connections (EN 466).
- Type PB[4] ou PB[3]: Items providing protection to parts of the body only (EN 467).

## Guide to protective clothing 'Types'

EN type	Type description	Symbol
<b>EN 943-1 &amp; 2 Type 1</b>	<b>Gas tight protective clothing</b> Protective clothing against liquid and gaseous chemicals, aerosols and solid particulates.	
<b>EN 943-1 Type 2</b>	<b>Non gas tight protective clothing</b> Suits which retain positive pressure to prevent ingress of dusts, liquids and vapours.	
<b>EN 14605 Type 3</b>	<b>Liquid tight suits</b> Suits which can protect against strong and directional jets of liquid chemical.	
<b>EN 14605 Type 4</b>	<b>Spray tight suits</b> Suits which offer protection against saturation of liquid chemicals	
<b>EN ISO 13982-1 Type 5</b>	<b>Dry particle suits</b> Suits which provide protection to the full body against airborne solid particulates .	
<b>EN 13034 Type 6</b>	<b>Reduced spray suits</b> Suits which offer limited protection against a light spray of liquid chemicals.	

**EN 13034**

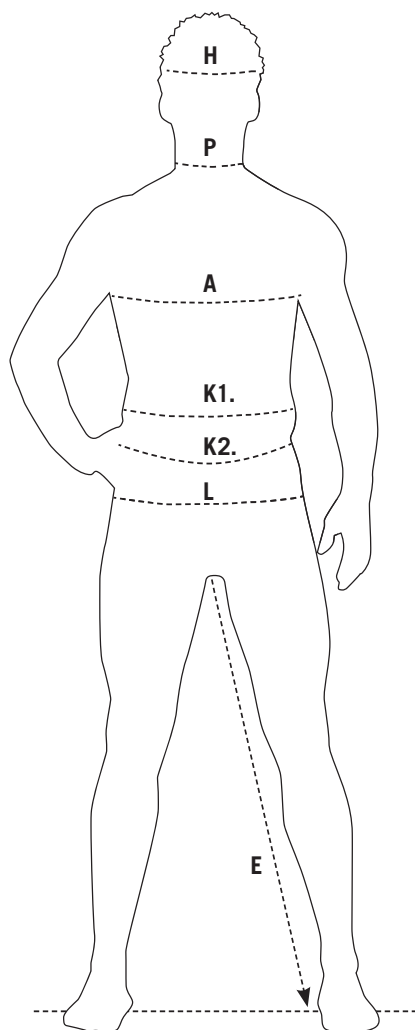
Limited protection against liquid chemicals

**Parameters:**

- Type PB[6]: Limited protection.

## Size chart

The best way to determine the correct size, is to be measured. The size is dependent on the type of garment. For trousers and/or Bib & Brace use waist size (K1 or K2) and the inside leg measurements (in centimetres) is required. For polo/T-shirts, jackets and overalls the chest measurement (A) is required. Once you know your size in centimeters, you can read your size in the table. If your size is not listed, then go one step to the right and choose one size larger. Please note, clothing measurements can vary from one manufacturer to another. The following tables are for guidance only.



<b>H. Head measurement</b>	For hats and caps, measure horizontally around the head, one inch above the ears.
<b>P. Collar size.</b>	When measuring for shirts, place the tape measure level around the neck, 1 cm above the collar bone.
<b>A. Chest.</b>	When measuring for jackets and boiler suits, place the tape measure level around the widest part of the chest. For example: If your chest measurement is 102 cm, choose jacket size 104 cm (next size up). If a sweater is to be worn under the jacket, choose the next size up, i.e. 108 cm.
<b>K1 Normal waist height.</b>	When measuring for trousers and bib and braces, place the tape measure level around the waist.
<b>K2 Low waist.</b>	When measuring for trousers, place the tape measure level around the waist.
<b>L. Hips</b>	For ladies trousers measure horizontally around the hip at the widest part.
<b>E. Inside leg.</b>	Measure from crotch to desired length of trouser. Regular: 82 cm (32"). Tall: 90 cm (35"). Short: 76 cm (30").

**Note:**

Over-trousers, rainwear, and traffic vests/jackets are meant to be worn over clothing. Therefore there is no need to select a larger size. If you are size L in a sweatshirt, you should choose L in rainwear or hi-vis.

## Clothing

### Measure from crotch to desired length of trouser.

Regular: 82 cm (32") - Tall: 90 cm (35") - Short: 76 cm (30")

Size (bodysize)	C42	C43	C44	C45	C46	C47	C48	C49	C50	C51	C52	C54	C56	C58	C60	C62	C64	C66	C68	C70	C72
Winter workwear/waistcoat			XS		S				M		L		XL	2XL		3XL		4XL		5XL	
A: Chest, jacket/boiler suit (cm)	84	86	88	90	92	94	96	98	100	102	104	108	112	116	120	124	128	132	136	140	144
A: Chest, jacket/boiler suit (inch)	33		34.5		36		38		39.5		41	42.5	44	45.5	47	49	50.5	52	53.5	55	56.5
K1/K2: Waist, mens' trousers (cm)	68	70,5	73	75,5	78	80,5	83	85,5	88	90,5	93	98	103	108	113	118	123	128	133	138	143
K1/K2: Waist, mens' trousers (inch)	27	28	28.5	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	38.5	40.5	42.5	44.5	46.5	48.5	50.5	52.5	54.5	56.5
K1/K2: Waist, bib & brace/combi suit (cm)	68		73		78		83		88		93	98	103	108	113	118	123	128	133	138	143
K1/K2: Waist, bib & brace/combi suit (inch)	27		28.5		30.5		32.5		34.5		36.5	38.5	40.5	42.5	44.5	46.5	48.5	50.5	52.5	54.5	56.5
L: Hip (cm)	90	92	94	96	98	100	102	104	106	108	110	114	118	122	126	130	134	138	142	146	150
L: Hip (inch)	35.5	36	37	38	38.5	39.5	40	41	41.5	42.5	43	45	46.5	48	49.5	51	52.5	54	56	57.5	59
P: Collar size, shirts (cm)					37-38				39-40		41-42		43-44	45-46		47-48	49-50		51-52		
P: Collar size, shirts (inch)					14				15.5		16.5		17.5	18		19	19.5		20		

Ladies' size (bodysize)	32	34	36	38	40	42	44	46	48	50	52
A: Chest, T-shirt (cm)		79	85	85	91	97	97	103	111	119	119
A: Chest,		31	33,5	33,5	35,5	38	38	40,5	43,5	46,5	46,5

Head measure		S		M		L		XL		2XL
H: Head measure, cap (cm)	54	55	56	57	58	59	60	61	62	63
H: Head measure, cap (inch)	21	21.5	22	22.5	23	23.25	23.5	24	24.5	25



### Jacket Rockford polyester/cotton

Triple stitched seams on sleeves, shoulders and at the sides. High collar. Fastening with zip, storm flap and hidden press studs. Chest pockets with flap and hidden press studs. Pen pocket. D-ring. Front pockets. Inner pockets. Cuffs with press stud fastening. Waist with press stud adjustment. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Colour	Article Number
XS	Navy blue	W67M-50676
S	Navy blue	W67M-50675
M	Navy blue	W67M-50674
L	Navy blue	W67M-50673
XL	Navy blue	W67M-50672
2XL	Navy blue	W67M-50671
3XL	Navy blue	W67M-50670
4XL	Navy blue	W67M-50669
XS	Royal blue	W67M-50652
S	Royal blue	W67M-50651
M	Royal blue	W67M-50650
L	Royal blue	W67M-50649
XL	Royal blue	W67M-50648
2XL	Royal blue	W67M-50647
3XL	Royal blue	W67M-50646
4XL	Royal blue	W67M-50645
XS	Black	W67M-50660
S	Black	W67M-50659
M	Black	W67M-50658
L	Black	W67M-50657
XL	Black	W67M-50656
2XL	Black	W67M-50655
3XL	Black	W67M-50654
4XL	Black	W67M-50653
XS	Dark Anthracite	W67M-50644
S	Dark Anthracite	W67M-50643
M	Dark Anthracite	W67M-50642
L	Dark Anthracite	W67M-50641
XL	Dark Anthracite	W67M-50640
2XL	Dark Anthracite	W67M-50639
3XL	Dark Anthracite	W67M-50638
4XL	Dark Anthracite	W67M-50637



### Trousers Berkeley

Triple stitched seams at leg and crotch. Ergonomically formed trouser leg. Belt loops. D-ring. Fly with zip. Front pockets. Back pockets with flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced ruler pocket. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Article Number
C42	82cm	Navy blue	W67M-50467
C43	82cm	Navy blue	W67M-50466
C44	82cm	Navy blue	W67M-50465
C45	82cm	Navy blue	W67M-50464
C46	82cm	Navy blue	W67M-50463
C47	82cm	Navy blue	W67M-50462
C48	82cm	Navy blue	W67M-50461
C49	82cm	Navy blue	W67M-50460
C50	82cm	Navy blue	W67M-50459
C51	82cm	Navy blue	W67M-50458
C52	82cm	Navy blue	W67M-50457

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### Trousers Berkeley

Triple stitched seams at leg and crotch. Ergonomically formed trouser leg. Belt loops. D-ring. Fly with zip. Front pockets. Back pockets with flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced ruler pocket. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Artikelnummer
C54	82cm	Navy blue	W67M-50456
C56	82cm	Navy blue	W67M-50455
C58	82cm	Navy blue	W67M-50454
C60	82cm	Navy blue	W67M-50453
C62	82cm	Navy blue	W67M-50452
C64	82cm	Navy blue	W67M-50451
C66	82cm	Navy blue	W67M-50450
C68	82cm	Navy blue	W67M-50449
C46	90cm	Navy blue	W67M-50448
C47	90cm	Navy blue	W67M-50447
C48	90cm	Navy blue	W67M-50446
C49	90cm	Navy blue	W67M-50445
C50	90cm	Navy blue	W67M-50444
C51	90cm	Navy blue	W67M-50443
C52	90cm	Navy blue	W67M-50442
C54	90cm	Navy blue	W67M-50441
C56	90cm	Navy blue	W67M-50440
C58	90cm	Navy blue	W67M-50439
C60	90cm	Navy blue	W67M-50438
C62	90cm	Navy blue	W67M-50437
C42	82cm	Black	W67M-50405
C43	82cm	Black	W67M-50404
C44	82cm	Black	W67M-50403
C45	82cm	Black	W67M-50402
C46	82cm	Black	W67M-50401
C47	82cm	Black	W67M-50400
C48	82cm	Black	W67M-50399
C49	82cm	Black	W67M-50398
C50	82cm	Black	W67M-50397
C51	82cm	Black	W67M-50396
C52	82cm	Black	W67M-50395
C54	82cm	Black	W67M-50394
C56	82cm	Black	W67M-50393
C58	82cm	Black	W67M-50392
C60	82cm	Black	W67M-50391
C62	82cm	Black	W67M-50390
C64	82cm	Black	W67M-50389
C66	82cm	Black	W67M-50388
C68	82cm	Black	W67M-50387
C46	90cm	Black	W67M-50386
C47	90cm	Black	W67M-50385
C48	90cm	Black	W67M-50384
C49	90cm	Black	W67M-50383
C50	90cm	Black	W67M-50382
C51	90cm	Black	W67M-50381
C52	90cm	Black	W67M-50380
C54	90cm	Black	W67M-50379
C56	90cm	Black	W67M-50378
C58	90cm	Black	W67M-50377
C60	90cm	Black	W67M-50376
C62	90cm	Black	W67M-50375
C42	82cm	Blue	W67M-50374
C43	82cm	Blue	W67M-50373

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### Trousers Berkeley

Triple stitched seams at leg and crotch. Ergonomically formed trouser leg. Belt loops. D-ring. Fly with zip. Front pockets. Back pockets with flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced ruler pocket. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Artikelnummer
C44	82cm	Blue	W67M-50372
C45	82cm	Blue	W67M-50371
C46	82cm	Blue	W67M-50370
C47	82cm	Blue	W67M-50369
C48	82cm	Blue	W67M-50368
C49	82cm	Blue	W67M-50367
C50	82cm	Blue	W67M-50366
C51	82cm	Blue	W67M-50365
C52	82cm	Blue	W67M-50364
C54	82cm	Blue	W67M-50363
C56	82cm	Blue	W67M-50362
C58	82cm	Blue	W67M-50361
C60	82cm	Blue	W67M-50360
C62	82cm	Blue	W67M-50359
C64	82cm	Blue	W67M-50358
C66	82cm	Blue	W67M-50357
C68	82cm	Blue	W67M-50356
C46	90cm	Blue	W67M-50355
C47	90cm	Blue	W67M-50354
C48	90cm	Blue	W67M-50353
C49	90cm	Blue	W67M-50352
C50	90cm	Blue	W67M-50351
C51	90cm	Blue	W67M-50350
C52	90cm	Blue	W67M-50349
C54	90cm	Blue	W67M-50348
C56	90cm	Blue	W67M-50347
C58	90cm	Blue	W67M-50346
C60	90cm	Blue	W67M-50345
C62	90cm	Blue	W67M-50344
C42	82cm	Dark Anthracite	W67M-50343
C43	82cm	Dark Anthracite	W67M-50342
C44	82cm	Dark Anthracite	W67M-50341
C45	82cm	Dark Anthracite	W67M-50340
C46	82cm	Dark Anthracite	W67M-50339
C47	82cm	Dark Anthracite	W67M-50338
C48	82cm	Dark Anthracite	W67M-50337
C49	82cm	Dark Anthracite	W67M-50336
C50	82cm	Dark Anthracite	W67M-50335
C51	82cm	Dark Anthracite	W67M-50334
C52	82cm	Dark Anthracite	W67M-50333
C54	82cm	Dark Anthracite	W67M-50332
C56	82cm	Dark Anthracite	W67M-50331
C58	82cm	Dark Anthracite	W67M-50330
C60	82cm	Dark Anthracite	W67M-50329
C62	82cm	Dark Anthracite	W67M-50328
C64	82cm	Dark Anthracite	W67M-50327
C66	82cm	Dark Anthracite	W67M-50326
C68	82cm	Dark Anthracite	W67M-50325
C46	90cm	Dark Anthracite	W67M-50324
C47	90cm	Dark Anthracite	W67M-50323
C48	90cm	Dark Anthracite	W67M-50322
C49	90cm	Dark Anthracite	W67M-50321
C50	90cm	Dark Anthracite	W67M-50320

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### Trousers Berkeley

Triple stitched seams at leg and crotch. Ergonomically formed trouser leg. Belt loops. D-ring. Fly with zip. Front pockets. Back pockets with flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced ruler pocket. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Artikelnummer
C51	90cm	Dark Anthracite	W67M-50319
C52	90cm	Dark Anthracite	W67M-50318
C54	90cm	Dark Anthracite	W67M-50317
C56	90cm	Dark Anthracite	W67M-50316
C58	90cm	Dark Anthracite	W67M-50315
C60	90cm	Dark Anthracite	W67M-50314
C62	90cm	Dark Anthracite	W67M-50313

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### Trousers Pittsburgh

Triple stitched seams at leg and crotch. Ergonomically formed trouser leg. Belt loops. D-ring. Fly with zip. Front pockets. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced ruler pocket. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Article Number
C42	82cm	Navy blue	W67M-50312
C43	82cm	Navy blue	W67M-50311
C44	82cm	Navy blue	W67M-50310
C45	82cm	Navy blue	W67M-50309
C46	82cm	Navy blue	W67M-50308
C47	82cm	Navy blue	W67M-50307
C48	82cm	Navy blue	W67M-50306
C49	82cm	Navy blue	W67M-50305
C50	82cm	Navy blue	W67M-50304
C51	82cm	Navy blue	W67M-50303
C52	82cm	Navy blue	W67M-50302
C54	82cm	Navy blue	W67M-50301
C56	82cm	Navy blue	W67M-50300
C58	82cm	Navy blue	W67M-50299
C60	82cm	Navy blue	W67M-50298
C62	82cm	Navy blue	W67M-50297
C64	82cm	Navy blue	W67M-50296
C66	82cm	Navy blue	W67M-50295
C68	82cm	Navy blue	W67M-50294
C46	90cm	Navy blue	W67M-50293
C47	90cm	Navy blue	W67M-50292
C48	90cm	Navy blue	W67M-50291
C49	90cm	Navy blue	W67M-50290
C50	90cm	Navy blue	W67M-50289
C51	90cm	Navy blue	W67M-50288
C52	90cm	Navy blue	W67M-50287
C54	90cm	Navy blue	W67M-50286
C56	90cm	Navy blue	W67M-50285
C58	90cm	Navy blue	W67M-50284
C60	90cm	Navy blue	W67M-50283
C62	90cm	Navy blue	W67M-50282
C42	82cm	Black	W67M-50244
C43	82cm	Black	W67M-50243
C44	82cm	Black	W67M-50242
C45	82cm	Black	W67M-50241

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**Trousers Pittsburgh**

Triple stitched seams at leg and crotch. Ergonomically formed trouser leg. Belt loops. D-ring. Fly with zip. Front pockets. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced rule pocket. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Artikelnummer
C46	82cm	Black	W67M-50240
C47	82cm	Black	W67M-50239
C48	82cm	Black	W67M-50238
C49	82cm	Black	W67M-50237
C50	82cm	Black	W67M-50236
C51	82cm	Black	W67M-50235
C52	82cm	Black	W67M-50234
C54	82cm	Black	W67M-50233
C56	82cm	Black	W67M-50232
C58	82cm	Black	W67M-50231
C60	82cm	Black	W67M-50230
C62	82cm	Black	W67M-50229
C64	82cm	Black	W67M-50228
C66	82cm	Black	W67M-50227
C68	82cm	Black	W67M-50226
C46	90cm	Black	W67M-50225
C47	90cm	Black	W67M-50224
C48	90cm	Black	W67M-50223
C49	90cm	Black	W67M-50222
C50	90cm	Black	W67M-50221
C51	90cm	Black	W67M-50220
C52	90cm	Black	W67M-50219
C54	90cm	Black	W67M-50218
C56	90cm	Black	W67M-50217
C58	90cm	Black	W67M-50216
C60	90cm	Black	W67M-50215
C68	90cm	Black	W67M-50214
C42	82cm	Blue	W67M-50207
C43	82cm	Blue	W67M-50206
C44	82cm	Blue	W67M-50205
C45	82cm	Blue	W67M-50204
C46	82cm	Blue	W67M-50203
C47	82cm	Blue	W67M-50202
C48	82cm	Blue	W67M-50201
C49	82cm	Blue	W67M-50200
C50	82cm	Blue	W67M-50199
C51	82cm	Blue	W67M-50198
C52	82cm	Blue	W67M-50197
C54	82cm	Blue	W67M-50196
C56	82cm	Blue	W67M-50195
C58	82cm	Blue	W67M-50194
C60	82cm	Blue	W67M-50193
C62	82cm	Blue	W67M-50192
C64	82cm	Blue	W67M-50191
C66	82cm	Blue	W67M-50190
C68	82cm	Blue	W67M-50189
C46	90cm	Blue	W67M-50188
C47	90cm	Blue	W67M-50187
C48	90cm	Blue	W67M-50186
C49	90cm	Blue	W67M-50185
C50	90cm	Blue	W67M-50184
C51	90cm	Blue	W67M-50183

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### Trousers Pittsburgh

Triple stitched seams at leg and crotch. Ergonomically formed trouser leg. Belt loops. D-ring. Fly with zip. Front pockets. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced rule pocket. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



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Size	Length	Colour	Artikelnummer
C52	90cm	Blue	W67M-50182
C54	90cm	Blue	W67M-50181
C56	90cm	Blue	W67M-50180
C58	90cm	Blue	W67M-50179
C60	90cm	Blue	W67M-50178
C62	90cm	Blue	W67M-50177
C42	82cm	Dark Anthracite	W67M-50170
C43	82cm	Dark Anthracite	W67M-50169
C44	82cm	Dark Anthracite	W67M-50168
C45	82cm	Dark Anthracite	W67M-50167
C46	82cm	Dark Anthracite	W67M-50166
C47	82cm	Dark Anthracite	W67M-50165
C48	82cm	Dark Anthracite	W67M-50164
C49	82cm	Dark Anthracite	W67M-50163
C50	82cm	Dark Anthracite	W67M-50162
C51	82cm	Dark Anthracite	W67M-50161
C52	82cm	Dark Anthracite	W67M-50160
C54	82cm	Dark Anthracite	W67M-50159
C56	82cm	Dark Anthracite	W67M-50158
C58	82cm	Dark Anthracite	W67M-50157
C60	82cm	Dark Anthracite	W67M-50156
C62	82cm	Dark Anthracite	W67M-50155
C64	82cm	Dark Anthracite	W67M-50154
C66	82cm	Dark Anthracite	W67M-50153
C68	82cm	Dark Anthracite	W67M-50152
C46	90cm	Dark Anthracite	W67M-50151
C47	90cm	Dark Anthracite	W67M-50150
C48	90cm	Dark Anthracite	W67M-50149
C49	90cm	Dark Anthracite	W67M-50148
C50	90cm	Dark Anthracite	W67M-50147
C51	90cm	Dark Anthracite	W67M-50146
C52	90cm	Dark Anthracite	W67M-50145
C54	90cm	Dark Anthracite	W67M-50144
C56	90cm	Dark Anthracite	W67M-50143
C58	90cm	Dark Anthracite	W67M-50142
C60	90cm	Dark Anthracite	W67M-50141
C62	90cm	Dark Anthracite	W67M-50140



### Trousers action S887

Made from quality poly-cotton features include multiple zip pockets reinforced fabric at seat and knee areas with the added option of accommodating knee pads. Multi-purpose pockets.



Size	Length	Colour	Article Number
26	Regular	Black	W19E-50792
28	Regular	Black	W19E-50793
30	Regular	Black	W19E-50794
32	Regular	Black	W19E-50795
33	Regular	Black	W19E-50796
34	Regular	Black	W19E-50797

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**Trousers action S887**

Made from quality poly-cotton features include multiple zip pockets reinforced fabric at seat and knee areas with the added option of accommodating knee pads. Multi-purpose pockets.

**PORTWEST**

Size	Length	Colour	Artikelnummer
36	Regular	Black	W19E-50798
38	Regular	Black	W19E-50799
40	Regular	Black	W19E-50800
42	Regular	Black	W19E-50801
44	Regular	Black	W19E-50802
46	Regular	Black	W19E-50803
48	Regular	Black	W19E-50804
50	Regular	Black	W19E-50805
52	Regular	Black	W19E-50806
54	Regular	Black	W19E-50807
56	Regular	Black	W19E-50808
28	Tall	Black	W19E-53292
30	Tall	Black	W19E-53293
32	Tall	Black	W19E-53294
33	Tall	Black	W19E-53295
34	Tall	Black	W19E-53296
36	Tall	Black	W19E-53297
38	Tall	Black	W19E-53298
40	Tall	Black	W19E-53299
42	Tall	Black	W19E-53300
44	Tall	Black	W19E-53301
46	Tall	Black	W19E-53302
48	Tall	Black	W19E-53303
26	Regular	Navy blue	W19E-50809
28	Regular	Navy blue	W19E-50810
30	Regular	Navy blue	W19E-50811
32	Regular	Navy blue	W19E-50812
33	Regular	Navy blue	W19E-50813
34	Regular	Navy blue	W19E-50814
36	Regular	Navy blue	W19E-50815
38	Regular	Navy blue	W19E-50816
40	Regular	Navy blue	W19E-50817
42	Regular	Navy blue	W19E-50818
44	Regular	Navy blue	W19E-50819
46	Regular	Navy blue	W19E-50820
48	Regular	Navy blue	W19E-50821
50	Regular	Navy blue	W19E-50822
52	Regular	Navy blue	W19E-50823
54	Regular	Navy blue	W19E-50824
56	Regular	Navy blue	W19E-50825
28	Tall	Navy blue	W19E-53341
30	Tall	Navy blue	W19E-53342
32	Tall	Navy blue	W19E-53343
33	Tall	Navy blue	W19E-53344
34	Tall	Navy blue	W19E-53345
36	Tall	Navy blue	W19E-53346
38	Tall	Navy blue	W19E-53347
40	Tall	Navy blue	W19E-53348
42	Tall	Navy blue	W19E-53349
44	Tall	Navy blue	W19E-53350
46	Tall	Navy blue	W19E-53351
48	Tall	Navy blue	W19E-53352
50	Tall	Navy blue	W19E-53353
52	Tall	Navy blue	W19E-53354

6



### Trousers combat C701

Combat trousers. This garment portrays all the original styling of the modern-day work trouser. Constructed from rugged pre-shrunk Kingsmill fabric the trouser is built to take on the toughest of jobs. Multiple utility pockets are featured with hook and loop flaps for added security. Two rear patch pockets.

**PORTWEST**

Size	Length	Colour	Article Number
26	Regular	Navy blue	W19E-52840
28	Regular	Navy blue	W19E-12230
30	Regular	Navy blue	W19E-15704
32	Regular	Navy blue	W19E-12229
34	Regular	Navy blue	W19E-15703
36	Regular	Navy blue	W19E-12228
38	Regular	Navy blue	W19E-15701
40	Regular	Navy blue	W19E-12221
42	Regular	Navy blue	W19E-15697
44	Regular	Navy blue	W19E-12225
46	Regular	Navy blue	W19E-15666
48	Regular	Navy blue	W19E-12227
50	Regular	Navy blue	W19E-52841
52	Regular	Navy blue	W19E-52842
28	Tall	Navy blue	W19E-15688
30	Tall	Navy blue	W19E-12213
32	Tall	Navy blue	W19E-15687
34	Tall	Navy blue	W19E-12212
36	Tall	Navy blue	W19E-15685
38	Tall	Navy blue	W19E-12206
40	Tall	Navy blue	W19E-15681
42	Tall	Navy blue	W19E-12209
44	Tall	Navy blue	W19E-15683
46	Tall	Navy blue	W19E-12211
48	Tall	Navy blue	W19E-15667

6



### Trousers bib & brace Newark polyester/cotton

Triple stitched seams at leg and crotch. Adjustable straps in short, strong elastic with plastic buckles. Bib pocket with flap and hidden press studs. D-ring. Inner pocket with hook and loop band fastening. Adjustable waist. Front pockets. Fly with zip. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced rule pocket. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Article Number
C42	82cm	Navy blue	W67M-50636
C44	82cm	Navy blue	W67M-50635
C46	82cm	Navy blue	W67M-50634
C48	82cm	Navy blue	W67M-50633
C50	82cm	Navy blue	W67M-50632
C52	82cm	Navy blue	W67M-50631
C54	82cm	Navy blue	W67M-50630
C56	82cm	Navy blue	W67M-50629
C58	82cm	Navy blue	W67M-50628
C60	82cm	Navy blue	W67M-50627
C62	82cm	Navy blue	W67M-50626
C64	82cm	Navy blue	W67M-50625
C66	82cm	Navy blue	W67M-50624
C68	82cm	Navy blue	W67M-50623
C46	90cm	Navy blue	W67M-50622
C48	90cm	Navy blue	W67M-50621
C50	90cm	Navy blue	W67M-50620
C52	90cm	Navy blue	W67M-50619

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**Trousers bib & brace Newark polyester/cotton**

Triple stitched seams at leg and crotch. Adjustable straps in short, strong elastic with plastic buckles. Bib pocket with flap and hidden press studs. D-ring. Inner pocket with hook and loop band fastening. Adjustable waist. Front pockets. Fly with zip. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced rule pocket. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Artikelnummer
C54	90cm	Navy blue	W67M-50618
C56	90cm	Navy blue	W67M-50617
C58	90cm	Navy blue	W67M-50616
C60	90cm	Navy blue	W67M-50615
C62	90cm	Navy blue	W67M-50614
C42	82cm	Black	W67M-50578
C44	82cm	Black	W67M-50577
C46	82cm	Black	W67M-50576
C48	82cm	Black	W67M-50575
C50	82cm	Black	W67M-50574
C52	82cm	Black	W67M-50573
C54	82cm	Black	W67M-50572
C56	82cm	Black	W67M-50571
C58	82cm	Black	W67M-50570
C60	82cm	Black	W67M-50569
C62	82cm	Black	W67M-50568
C64	82cm	Black	W67M-50567
C66	82cm	Black	W67M-50566
C68	82cm	Black	W67M-50565
C46	90cm	Black	W67M-50564
C48	90cm	Black	W67M-50563
C50	90cm	Black	W67M-50562
C52	90cm	Black	W67M-50561
C54	90cm	Black	W67M-50560
C56	90cm	Black	W67M-50559
C58	90cm	Black	W67M-50558
C60	90cm	Black	W67M-50557
C62	90cm	Black	W67M-50556
C42	82cm	Blue	W67M-50549
C44	82cm	Blue	W67M-50548
C46	82cm	Blue	W67M-50547
C48	82cm	Blue	W67M-50546
C50	82cm	Blue	W67M-50545
C52	82cm	Blue	W67M-50544
C54	82cm	Blue	W67M-50543
C56	82cm	Blue	W67M-50542
C58	82cm	Blue	W67M-50541
C60	82cm	Blue	W67M-50540
C62	82cm	Blue	W67M-50539
C64	82cm	Blue	W67M-50538
C66	82cm	Blue	W67M-50537
C68	82cm	Blue	W67M-50536
C46	90cm	Blue	W67M-50535
C48	90cm	Blue	W67M-50534
C50	90cm	Blue	W67M-50533
C52	90cm	Blue	W67M-50532
C54	90cm	Blue	W67M-50531
C56	90cm	Blue	W67M-50530
C58	90cm	Blue	W67M-50529
C60	90cm	Blue	W67M-50528
C62	90cm	Blue	W67M-50527

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### Trousers bib & brace Newark polyester/cotton

Triple stitched seams at leg and crotch. Adjustable straps in short, strong elastic with plastic buckles. Bib pocket with flap and hidden press studs. D-ring. Inner pocket with hook and loop band fastening. Adjustable waist. Front pockets. Fly with zip. Back pockets with reinforcement, flap and hidden press studs. Thigh pocket with flap and hidden press studs. Reinforced rule pocket. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA.



Size	Length	Colour	Artikelnummer
C42	82cm	Dark Anthracite	W67M-50520
C44	82cm	Dark Anthracite	W67M-50519
C46	82cm	Dark Anthracite	W67M-50518
C48	82cm	Dark Anthracite	W67M-50517
C50	82cm	Dark Anthracite	W67M-50516
C52	82cm	Dark Anthracite	W67M-50515
C54	82cm	Dark Anthracite	W67M-50514
C56	82cm	Dark Anthracite	W67M-50513
C58	82cm	Dark Anthracite	W67M-50512
C60	82cm	Dark Anthracite	W67M-50511
C62	82cm	Dark Anthracite	W67M-50510
C64	82cm	Dark Anthracite	W67M-50509
C66	82cm	Dark Anthracite	W67M-50508
C68	82cm	Dark Anthracite	W67M-50507
C46	90cm	Dark Anthracite	W67M-50506
C48	90cm	Dark Anthracite	W67M-50505
C50	90cm	Dark Anthracite	W67M-50504
C52	90cm	Dark Anthracite	W67M-50503
C54	90cm	Dark Anthracite	W67M-50502
C56	90cm	Dark Anthracite	W67M-50501
C58	90cm	Dark Anthracite	W67M-50500
C60	90cm	Dark Anthracite	W67M-50499
C62	90cm	Dark Anthracite	W67M-50498



### Boilersuit Akron

Triple stitched seams on the sleeves, shoulders, leg and crotch. Ergonomically formed trouser leg. Fastening with two way zip, storm flap and press studs. High collar. Chest pockets with flap and hidden press studs. D-ring. Front pockets. Access to trousers from both sides. Back pockets with flap and hidden press studs. Thigh pocket with flap and hidden press studs. Rule pocket. Cuffs with press stud fastening. Elastic and pleat in the back. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA .



Size	Colour	Article Number
XS	Navy blue	W67M-65956
S	Navy blue	W67M-65954
M	Navy blue	W67M-65953
L	Navy blue	W67M-65952
XL	Navy blue	W67M-65955
2XL	Navy blue	W67M-65951
3XL	Navy blue	W67M-69363
4XL	Navy blue	W67M-69364
XS	Black	W67M-50484
S	Black	W67M-50483
M	Black	W67M-50482
L	Black	W67M-50481
XL	Black	W67M-50480
2XL	Black	W67M-50479
3XL	Black	W67M-50478
4XL	Black	W67M-50477
XS	Blue	W67M-50491

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### Boilersuit Akron

Triple stitched seams on the sleeves, shoulders, leg and crotch. Ergonomically formed trouser leg. Fastening with two way zip, storm flap and press studs. High collar. Chest pockets with flap and hidden press studs. D-ring. Front pockets. Access to trousers from both sides. Back pockets with flap and hidden press studs. Thigh pocket with flap and hidden press studs. Rule pocket. Cuffs with press stud fastening. Elastic and pleat in the back. Adjustable knee pad pockets. Contrast stitching. Tested in accordance with EN/ISO 15797 and assessed according to ETSA .



Size	Colour	Artikelnummer
S	Blue	W67M-50490
M	Blue	W67M-50476
L	Blue	W67M-50489
XL	Blue	W67M-50488
2XL	Blue	W67M-50487
3XL	Blue	W67M-50486
4XL	Blue	W67M-50485
XS	Dark Anthracite	W67M-50475
S	Dark Anthracite	W67M-50474
M	Dark Anthracite	W67M-50473
L	Dark Anthracite	W67M-50472
XL	Dark Anthracite	W67M-50471
2XL	Dark Anthracite	W67M-50470
3XL	Dark Anthracite	W67M-50469
4XL	Dark Anthracite	W67M-50468

6



### Coverall Euro poly-cotton S999

Winning features of this durable coverall include two chest pockets one rule pocket and a concealed stud front. Perfect for all your working requirements.



Size	Length	Colour	Article Number
XS	Regular	Navy blue	W19E-50827
S	Regular	Navy blue	W19E-10129
M	Regular	Navy blue	W19E-10145
L	Regular	Navy blue	W19E-10143
XL	Regular	Navy blue	W19E-10134
2XL	Regular	Navy blue	W19E-10140
3XL	Regular	Navy blue	W19E-50826
4XL	Regular	Navy blue	W19E-52935
5XL	Regular	Navy blue	W19E-52936
S	Tall	Navy blue	W19E-10106
M	Tall	Navy blue	W19E-10105
L	Tall	Navy blue	W19E-10104
XL	Tall	Navy blue	W19E-10116
2XL	Tall	Navy blue	W19E-10121
3XL	Tall	Navy blue	W19E-52937



**Polo shirt Borneo cotton/polyester**

Polo shirt, with ribbed collar and sleeves. Buttoned placket. Chest pocket.



6

Size	Colour	Article Number
XS	Navy blue	W67M-50109
S	Navy blue	W67M-50108
M	Navy blue	W67M-50107
L	Navy blue	W67M-50106
XL	Navy blue	W67M-50105
2XL	Navy blue	W67M-50104
3XL	Navy blue	W67M-50103
4XL	Navy blue	W67M-50102
XS	White	W67M-50117
S	White	W67M-50116
M	White	W67M-50115
L	White	W67M-50114
XL	White	W67M-50113
2XL	White	W67M-50112
3XL	White	W67M-50111
4XL	White	W67M-50110
XS	Black	W67M-51474
S	Black	W67M-51472
M	Black	W67M-51471
L	Black	W67M-51470
XL	Black	W67M-51473
2XL	Black	W67M-51469
3XL	Black	W67M-51629
4XL	Black	W67M-51630
XS	Blue	W67M-50101
S	Blue	W67M-50100
M	Blue	W67M-50099
L	Blue	W67M-50098
XL	Blue	W67M-50097
2XL	Blue	W67M-50096
3XL	Blue	W67M-50095
4XL	Blue	W67M-50094
XS	Anthracite	W67M-50085
S	Anthracite	W67M-50084
M	Anthracite	W67M-50083
L	Anthracite	W67M-50082
XL	Anthracite	W67M-50081
2XL	Anthracite	W67M-50080
3XL	Anthracite	W67M-50079
4XL	Anthracite	W67M-50078



**Sweatshirt Caribien**

Combed cotton sweatshirt absorbs moisture and is extra comfortable against the skin. Rib at neck, waist and arms. Extra padding over the seam at the neck so the seam does not cause irritation.



Size	Colour	Article Number
XS	Black	W67M-51985
S	Navy blue	W67M-51983
M	Navy blue	W67M-51982
L	Navy blue	W67M-51981
XL	Navy blue	W67M-51984
2XL	Navy blue	W67M-51980
3XL	Navy blue	W67M-52585
4XL	Navy blue	W67M-52586
XS	White	W67M-50061
S	White	W67M-50060
M	White	W67M-50059
L	White	W67M-50058
XL	White	W67M-50057
2XL	White	W67M-50056
3XL	White	W67M-50055
4XL	White	W67M-50054
XS	Black	W67M-50053
S	Black	W67M-50052
M	Black	W67M-50051
L	Black	W67M-50050
XL	Black	W67M-50049
2XL	Black	W67M-50048
3XL	Black	W67M-50047
4XL	Black	W67M-50046
XS	Blue	W67M-50045
S	Blue	W67M-50044
M	Blue	W67M-50043
L	Blue	W67M-50042
XL	Blue	W67M-50041
2XL	Blue	W67M-50040
3XL	Blue	W67M-50039
4XL	Blue	W67M-50038
XS	Anthracite	W67M-50029
S	Anthracite	W67M-50028
M	Anthracite	W67M-50027
L	Anthracite	W67M-50026
XL	Anthracite	W67M-50025
2XL	Anthracite	W67M-50024
3XL	Anthracite	W67M-50023
4XL	Anthracite	W67M-50022



### Jacket 4820 Dortmund

Flexothane Classic fabric. Hard wearing easy care, stretchable and lightweight, these rainproof jackets are ideal for outdoor work in wet weather.

**Norm** EN 343 Class 3-1; EN 13688



Size	Colour	Article Number
S	Navy blue	W46M-50084
M	Navy blue	W46M-50085
L	Navy blue	W46M-50086
XL	Navy blue	W46M-50087
2XL	Navy blue	W46M-50088
S	Yellow	W46M-50174
M	Yellow	W46M-50173
L	Yellow	W46M-50172
XL	Yellow	W46M-50175
2XL	Yellow	W46M-50176
3XL	Yellow	W46M-50171
3XL	Navy blue	W46M-50170

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### Trousers 4500 Rotterdam Rainproof

Flexothane Classic fabric. Hard wearing easy care, stretchable and lightweight, these rainproof trousers are ideal for outdoor work in wet weather.

**Norm** EN 343 Class 3-1; EN 13688



Size	Length	Colour	Article Number
S	Regular	Navy blue	W46M-50072
M	Regular	Navy blue	W46M-50073
L	Regular	Navy blue	W46M-50074
XL	Regular	Navy blue	W46M-50075
2XL	Regular	Navy blue	W46M-50076
3XL	Regular	Navy blue	W46M-50077
S	Regular	Yellow	W46M-50167
M	Regular	Yellow	W46M-50166
L	Regular	Yellow	W46M-50165
XL	Regular	Yellow	W46M-50168
2XL	Regular	Yellow	W46M-50169
3XL	Regular	Yellow	W46M-50164



### Jacket classic raincoat S440

Designed to be worn in foul weather conditions. Easily rolled up and stored for when the wet weather arrives it matches perfectly with the S441 rain trouser to form an unbeatable rain set. Eyelets for ventilation.

**Norm** EN 343 Class 3:1



Size	Colour	Article Number
XS	Navy blue	W19E-50676
S	Navy blue	W19E-14450
M	Navy blue	W19E-14448
L	Navy blue	W19E-14446
XL	Navy blue	W19E-14449
2XL	Navy blue	W19E-14447
3XL	Navy blue	W19E-14422
4XL	Navy blue	W19E-14438
5XL	Navy blue	W19E-50675



**Trousers classic rain S441**

Lightweight and easily packable for convenience these trousers provide comfort and protection in any weather. The fit is roomy for easy layering on top of trousers with the added benefit of side access pockets. The stud adjustable hem ensures a secure fit around work boots. Elasticated waistband.

**PORTWEST**

**Norm** EN 343 Class 3:1

Size	Length	Colour	Article Number
XS	Regular	Navy blue	W19E-50678
S	Regular	Navy blue	W19E-14389
M	Regular	Navy blue	W19E-14419
L	Regular	Navy blue	W19E-14423
XL	Regular	Navy blue	W19E-14406
2XL	Regular	Navy blue	W19E-14414
3XL	Regular	Navy blue	W19E-14426
4XL	Regular	Navy blue	W19E-14425
6XL	Regular	Navy blue	W19E-50677

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**Coverall 4964 Montreal**

Made from Flexothane, this coverall is not only perfectly wind and waterproof, it also offers you protection against liquid chemicals. An impenetrable barrier that is durable, stretchable and much more comfortable than PVC.

**SICEN**

**Norm** EN 14605 Type 4; EN 14786; EN 343 +A1 2007 3-1

Size	Colour	Article Number
S	Navy blue	W46M-50095
M	Navy blue	W46M-50096
L	Navy blue	W46M-50097
XL	Navy blue	W46M-50098
2XL	Navy blue	W46M-50099
3XL	Navy blue	W46M-50100
S	Yellow	W46M-50180
M	Yellow	W46M-50179
L	Yellow	W46M-50178
XL	Yellow	W46M-50181
2XL	Yellow	W46M-50182
3XL	Yellow	W46M-50177



**Waistcoat hi-visibility 2 bands & braces C470**

Hi-Vis waistcoat. 100% polyester with 2 reflective bands & braces.

**PORTWEST**

**Norm** EN ISO 20471 Class 2; GO/RT 3279 (orange only)

Size	Colour	Article Number
S/M	Hi Visibility Orange	W19E-50160
L/XL	Hi Visibility Orange	W19E-50159
2XL/3XL	Hi Visibility Orange	W19E-51044
4XL/5XL	Hi Visibility Orange	W19E-51045
6XL/7XL	Hi Visibility Orange	W19E-51499
S/M	Hi Visibility Yellow	W19E-50164
L/XL	Hi Visibility Yellow	W19E-50163
2XL/3XL	Hi Visibility Yellow	W19E-51042
4XL/5XL	Hi Visibility Yellow	W19E-51043
6XL/7XL	Hi Visibility Yellow	W19E-51500



### Waistcoat hi-visibility 2 bands & braces C476

WARSAW 2-tone executive waistcoat. Revolutionary in its design the executive vest combines the light weight of a waistcoat with the practicality of pockets for those situations when a jacket may be too warm. A clear ID pocket for security passes and cards compliments this unique garment.

**PORTWEST**

**Norm** EN ISO 20471 Class 1

Size	Colour	Article Number
S	Hi Visibility Orange/Navy blue	W19E-52138
M	Hi Visibility Orange/Navy blue	W19E-52137
L	Hi Visibility Orange/Navy blue	W19E-52136
XL	Hi Visibility Orange/Navy blue	W19E-52139
2XL	Hi Visibility Orange/Navy blue	W19E-52140
3XL	Hi Visibility Orange/Navy blue	W19E-52141
S	Hi Visibility Yellow/Navy blue	W19E-50172
M	Hi Visibility Yellow/Navy blue	W19E-50171
L	Hi Visibility Yellow/Navy blue	W19E-50170
XL	Hi Visibility Yellow/Navy blue	W19E-50173
2XL	Hi Visibility Yellow/Navy blue	W19E-50174
3XL	Hi Visibility Yellow/Navy blue	W19E-50169
4XL	Hi Visibility Yellow/Navy blue	W19E-52142
5XL	Hi Visibility Yellow/Navy blue	W19E-52143



### Jacket 209A Skollfield Hi-vis rain jacket with detachable bodywarmer

A warm and waterproof winter coat, a light rain jacket, a blouson, a body warmer; all in one and at a very attractive price. Made from Siopor Ultra quality material. Guarantees excellent breathability and good waterproofness.

**SIOPEN**

**Norm** EN 20471 Class3; EN 343 Class 3-3; EN 13688; EN 14058 23XXX (detachable lining)

Size	Colour	Article Number
S	Hi Visibility Yellow/Navy blue	W46M-50024
M	Hi Visibility Yellow/Navy blue	W46M-50025
L	Hi Visibility Yellow/Navy blue	W46M-50026
XL	Hi Visibility Yellow/Navy blue	W46M-50027
2XL	Hi Visibility Yellow/Navy blue	W46M-50028
3XL	Hi Visibility Yellow/Navy blue	W46M-50029



### Jacket hi-visibility S460

Fully certified waterproof jacket, hardwearing functional and packed full of features including a drawstring hood studded storm flap and multiple storage pockets.

**PORTWEST**

**Norm** EN ISO 20471 Class 3; EN 343 Class 3:1 ; EN 342 0.503m<sup>2</sup> K/W(B) X 3 2; GO/RT3479 (orange only)

Size	Colour	Article Number
XS	Hi Visibility Yellow	W19E-14214
S	Hi Visibility Yellow	W19E-14220
M	Hi Visibility Yellow	W19E-14221
L	Hi Visibility Yellow	W19E-14219
XL	Hi Visibility Yellow	W19E-14218
2XL	Hi Visibility Yellow	W19E-14217
3XL	Hi Visibility Yellow	W19E-14225
4XL	Hi Visibility Yellow	W19E-14224
5XL	Hi Visibility Yellow	W19E-14215
6XL	Hi Visibility Yellow	W19E-50685
7XL	Hi Visibility Yellow	W19E-50686
8XL	Hi Visibility Yellow	W19E-51052





**Jacket hi-visibility two-tone classic S462**

Designed to keep you warm and dry this item provides maximum visibility and is suitable for all weather conditions. Features include a mobile phone pocket and fold away hood. Concealed smart phone pocket.

**PORTWEST**

**Norm** EN ISO 20471 Class 3; EN 343 Class 3:1

Size	Colour	Article Number
S	Hi Visibility Yellow/Black	W19E-50690
M	Hi Visibility Yellow/Black	W19E-50689
L	Hi Visibility Yellow/Black	W19E-50688
XL	Hi Visibility Yellow/Black	W19E-50691
2XL	Hi Visibility Yellow/Black	W19E-50692
3XL	Hi Visibility Yellow/Black	W19E-50687



**Hi-vis winter bomber jacket 404A Hobson**

Warm and 100% waterproof and windproof. Highly breathable water repellent outer fabric. Moisture attracting coating on the inside improves comfort. High tear resistance.

**SIOEN**

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**Norm** EN 20471 Class 3; EN 343 Class 3-3; EN 13688; GO/RT 3279 (only orange)

Size	Colour	Article Number
S	Hi Visibility Yellow	W46M-50054
M	Hi Visibility Yellow	W46M-50055
L	Hi Visibility Yellow	W46M-50056
XL	Hi Visibility Yellow	W46M-50057
2XL	Hi Visibility Yellow	W46M-50058
3XL	Hi Visibility Yellow	W46M-50059



**Jacket traffic hi-visibility RT30**

Certified to the Railway Group Standard GO/RT 3279 this jacket meets the stringent safety requirements the standard requires. Features include taped waterproof seams and multiple storage pockets.

**PORTWEST**

**Norm** EN ISO 20471 Class 3; GO/RT 3279 Issue 8; EN 343 Class 3:1; EN 342 0.503m<sup>2</sup> K/W(B) X 3 2

Size	Colour	Article Number
XS	Hi Visibility Orange	W19E-55115
S	Hi Visibility Orange	W19E-14908
M	Hi Visibility Orange	W19E-14909
L	Hi Visibility Orange	W19E-14911
XL	Hi Visibility Orange	W19E-14907
2XL	Hi Visibility Orange	W19E-14899
3XL	Hi Visibility Orange	W19E-50664
4XL	Hi Visibility Orange	W19E-50665
5XL	Hi Visibility Orange	W19E-51051



### Jacket hi-visibility breathable RT60

Premium lightweight jacket certified to the highest waterproof and breathable levels. The jacket offers unrivalled foul weather protection and wearer comfort. Hardwearing, functional and packed full of features including detachable concealed hood for easy storing, multiple pockets for ample storage, radio loop and mesh lined for optimum warmth and comfort. Orange version meets GO/RT 3279

**PORTWEST**

**Norm** EN ISO 20471 Class 2; GO/RT 3279 Issue 8; EN 343 Class 3:3

Size	Colour	Article Number
S	Hi Visibility Orange	W19E-57135
M	Hi Visibility Orange	W19E-57134
L	Hi Visibility Orange	W19E-57133
XL	Hi Visibility Orange	W19E-57136
2XL	Hi Visibility Orange	W19E-57137
3XL	Hi Visibility Orange	W19E-57138

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### Jacket bomber hi-visibility S463

Comfort and quality are key with this garment coupled with all our usual safety and weatherproof functions. The two-way front zip studded flap and knitted storm cuffs provide ultimate protection. Concealed hood with drawstring closure.

**PORTWEST**

**Norm** EN ISO 20471 Class 3; EN 343 Class 3:1; EN 342 0.503m<sup>2</sup> K/W(B) X 3 2

Size	Colour	Article Number
XS	Hi Visibility Yellow	W19E-50701
S	Hi Visibility Yellow	W19E-14202
M	Hi Visibility Yellow	W19E-14203
L	Hi Visibility Yellow	W19E-14204
XL	Hi Visibility Yellow	W19E-14072
2XL	Hi Visibility Yellow	W19E-14136
3XL	Hi Visibility Yellow	W19E-14209
4XL	Hi Visibility Yellow	W19E-14208
5XL	Hi Visibility Yellow	W19E-14198
6XL	Hi Visibility Yellow	W19E-50699
7XL	Hi Visibility Yellow	W19E-50700



### Jacket bomber hi-visibility RT32

Completely padded and lined the RT32 offers great freedom of movement and is combined with all our usual safety and weatherproofing functions. Fully certified to GO/RT 3279 for use on railways or similar environments. Concealed hood.

**PORTWEST**

**Norm** EN ISO 20471 Class 3; GO/RT 3279 Issue 8; EN 343 Class 3:1; EN 342 0.503m<sup>2</sup> K/W(B) X 3 2

Size	Colour	Article Number
S	Hi Visibility Orange	W19E-14894
M	Hi Visibility Orange	W19E-14886
L	Hi Visibility Orange	W19E-14869
XL	Hi Visibility Orange	W19E-14896
2XL	Hi Visibility Orange	W19E-12159
3XL	Hi Visibility Orange	W19E-50666
4XL	Hi Visibility Orange	W19E-50667
5XL	Hi Visibility Orange	W19E-50668



**Jacket fleece hi-visibility F300**

Keeps you safe, visible and warm on cold windy days. Features include mesh lining, internal patch pocket, two secure side pockets with zips and elasticated drawcord waist for a more comfortable fit.

**PORTWEST**

**Norm** EN ISO 20471 Class 3; GO/RT 3279 (orange only)

Size	Colour	Article Number
S	Hi Visibility Orange	W19E-55378
M	Hi Visibility Orange	W19E-55377
L	Hi Visibility Orange	W19E-55376
XL	Hi Visibility Orange	W19E-55379
2XL	Hi Visibility Orange	W19E-55380
3XL	Hi Visibility Orange	W19E-55381
4XL	Hi Visibility Orange	W19E-55375
XS	Hi Visibility Yellow	W19E-55388
S	Hi Visibility Yellow	W19E-55386
M	Hi Visibility Yellow	W19E-55385
L	Hi Visibility Yellow	W19E-55384
XL	Hi Visibility Yellow	W19E-55387
2XL	Hi Visibility Yellow	W19E-55389
3XL	Hi Visibility Yellow	W19E-55390
4XL	Hi Visibility Yellow	W19E-55382
5XL	Hi Visibility Yellow	W19E-55383

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**Body warmer reversible hi-visibility S469**

This cleverly designed padded garment traps heat to keep you warm when worn either way. The Hi-Vis side of the garment provides added visibility and safety for the wearer when needed.

**PORTWEST**

**Norm** EN ISO 20471 Class 2; GO/RT 3279 (orange only)

Size	Colour	Article Number
S	Hi Visibility Orange	W19E-50705
M	Hi Visibility Orange	W19E-50704
L	Hi Visibility Orange	W19E-50703
XL	Hi Visibility Orange	W19E-50706
2XL	Hi Visibility Orange	W19E-50707
3XL	Hi Visibility Orange	W19E-50702
4XL	Hi Visibility Orange	W19E-51041
S	Hi Visibility Yellow	W19E-14171
M	Hi Visibility Yellow	W19E-14167
L	Hi Visibility Yellow	W19E-14177
XL	Hi Visibility Yellow	W19E-14172
2XL	Hi Visibility Yellow	W19E-14173
3XL	Hi Visibility Yellow	W19E-14178
4XL	Hi Visibility Yellow	W19E-14174
5XL	Hi Visibility Yellow	W19E-14175



### Polo shirt hi-visibility short sleeved S477

Thoughtful details and a high quality construction mean our polo shirt is more comfortable and longer lasting than leading competitors. Ideal for warmer working conditions. EN ISO 20471 Class 2

**PORTWEST**

Size	Colour	Article Number
XS	Hi Visibility Yellow	W19E-50711
S	Hi Visibility Yellow	W19E-14115
M	Hi Visibility Yellow	W19E-14111
L	Hi Visibility Yellow	W19E-14105
XL	Hi Visibility Yellow	W19E-14117
2XL	Hi Visibility Yellow	W19E-14116
3XL	Hi Visibility Yellow	W19E-14118
4XL	Hi Visibility Yellow	W19E-14121
5XL	Hi Visibility Yellow	W19E-50708
6XL	Hi Visibility Yellow	W19E-50709
7XL	Hi Visibility Yellow	W19E-50710

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### T-shirt hi-visibility orange RT23

Rail specification T-Shirt that combines high visibility protection and unbeatable comfort. Ideal for the summer months and indoor work. Meets standards: EN471 class 2:2; GO/RT 3279; GOST - R Certified.

**PORTWEST**

Size	Colour	Article Number
XS	Hi Visibility Orange	W19E-50663
S	Hi Visibility Orange	W19E-14912
M	Hi Visibility Orange	W19E-14910
L	Hi Visibility Orange	W19E-14900
XL	Hi Visibility Orange	W19E-14914
2XL	Hi Visibility Orange	W19E-14913
3XL	Hi Visibility Orange	W19E-14915
4XL	Hi Visibility Orange	W19E-50661
5XL	Hi Visibility Orange	W19E-50662



### Sweatshirt hi-visibility B303

Ideal when it's too cool for a T-shirt but not cold enough for a jacket. Offering exceptional comfort, the fit is roomy and the fabric is soft to touch. EN ISO 20471 Class 3

**PORTWEST**

Size	Colour	Article Number
XS	Orange	W19E-54253
S	Orange	W19E-54251
M	Orange	W19E-54250
L	Orange	W19E-54249
XL	Orange	W19E-54252
2XL	Orange	W19E-54254
3XL	Orange	W19E-54255
4XL	Orange	W19E-54247
5XL	Orange	W19E-54248
XS	Yellow	W19E-54262
S	Yellow	W19E-54260
M	Yellow	W19E-54259
L	Yellow	W19E-54258
XL	Yellow	W19E-54261
2XL	Yellow	W19E-54263
3XL	Yellow	W19E-54264
4XL	Yellow	W19E-54256
5XL	Yellow	W19E-54257



**Trousers hi-visibility S480**

These trousers are designed to keep the wind and rain out as well as offering the best specification in the industry. An elasticated waist and adjustable stud hem make this garment a popular comfortable choice.

**PORTWEST**

**Norm** EN ISO 20471 Class 1; GO/RT 3279 (orange); EN 343 Class 3:1

Size	Length	Colour	Article Number
S	Regular	Hi Visibility Yellow	W19E-14094
M	Regular	Hi Visibility Yellow	W19E-14098
L	Regular	Hi Visibility Yellow	W19E-14101
XL	Regular	Hi Visibility Yellow	W19E-14096
2XL	Regular	Hi Visibility Yellow	W19E-14097
3XL	Regular	Hi Visibility Yellow	W19E-14099
4XL	Regular	Hi Visibility Yellow	W19E-14100
5XL	Regular	Hi Visibility Yellow	W19E-50720
6XL	Regular	Hi Visibility Yellow	W19E-50721



**Trousers hi-visibility RT31**

Designed with rail and other industries in mind these trousers have the added feature of side leg zips with placket so they can be easily worn over trousers or jeans.

**PORTWEST**

**Norm** EN ISO 20471 Class 2; GO/RT 3279; EN 343 Class 3:1

Size	Length	Colour	Article Number
S	Regular	Hi Visibility Orange	W19E-14905
M	Regular	Hi Visibility Orange	W19E-14906
L	Regular	Hi Visibility Orange	W19E-14904
XL	Regular	Hi Visibility Orange	W19E-14903
2XL	Regular	Hi Visibility Orange	W19E-14838
3XL	Regular	Hi Visibility Orange	W19E-53273



**Trousers hi-visibility RT61**

Breathable trouser, designed to adhere to the required safety standards of GO/RT 3279. The garment offers complete waterproof protection and with side access slits complete with plackets, the trouser can be easily worn on top of trousers.

**PORTWEST**

**Norm** EN ISO 20471 Class 2; GO/RT 3279; EN 343 Class 3:10

Size	Length	Colour	Article Number
XS	Regular	Hi Visibility Orange	W19E-54063
S	Regular	Hi Visibility Orange	W19E-54061
M	Regular	Hi Visibility Orange	W19E-54060
L	Regular	Hi Visibility Orange	W19E-54059
XL	Regular	Hi Visibility Orange	W19E-54062
2XL	Regular	Hi Visibility Orange	W19E-54064
3XL	Regular	Hi Visibility Orange	W19E-54065
4XL	Regular	Hi Visibility Orange	W19E-54057
5XL	Regular	Hi Visibility Orange	W19E-54058



### Coverall 5967 Chemical Essen

Double-sided PVC coated polyester fabric, the Essen is perfectly suited for intensive use in industrial environments. It is exceptionally strong and tear resistant and it will protect from chemicals, oils and greases.

**Norm** EN 465; EN 466; EN 343 Class 3-1

Size	Colour	Article Number
S	Green	W46M-50101
M	Green	W46M-50102
L	Green	W46M-50103
XL	Green	W46M-50104
2XL	Green	W46M-50105
3XL	Green	W46M-50106

6



### Coverall disposable 1500 PLUS hooded model 111

CAT III Type 5&6 Disposable coverall. 3-piece hood; Stitched seams; Elasticated hood, waist, wrists & ankles. Finger loops; 2-way front zipper with re-sealable stormflap. Anti-static treatment

**Norm** CAT III Type 5&6; EN 1149-5; EN 1073-2

Size	Colour	Article Number
S	Blue	W55A-50000
M	Blue	W55A-50001
L	Blue	W55A-50002
XL	Blue	W55A-50003
2XL	Blue	W55A-50004
S	White	W55A-50010
M	White	W55A-50011
L	White	W55A-50012
XL	White	W55A-50013
2XL	White	W55A-50014



### Coverall disposable Classic Xpert hooded

CAT III Type 5&6 TYVEK® Classic Xpert disposable coverall with 3-piece hood. Stitched external seams. Elasticated wrists, ankles and face. Elasticated waist (glued-in). Tyvek® zipper and flap. White. Antistatic. New optimised fit for greater freedom of movement and larger slider on the zipper. Non-slipping sleeve, thereby thumb loops are no longer required. The new hood design fits perfectly to the face shape, glued-in rubber spine, external seams for greater protection.

**Norm** CAT III Type 5&6; EN 1149-1; EN 1073-2



Size	Colour	Article Number
S	White	W79A-31711
M	White	W79A-31710
L	White	W79A-31709
XL	White	W79A-31717
2XL	White	W79A-31712
3XL	White	W79A-50012



**Coverall disposable 2000 STANDARD hooded Model 111**

CAT III Type 5B & 6B disposable coverall. 3 piece hood; bound seams; 2 way front zipper with re-sealable stormflap; elasticated hood, waist, wrists & ankles. Finger loops.

**Norm** CAT III Type 5&6; EN 1073-2; EN 1149-5; EN 14126; DIN 32781



Size	Colour	Article Number
S	White	W55A-50015
M	White	W55A-50016
L	White	W55A-50017
XL	White	W55A-50018
2XL	White	W55A-50019



**Coverall Tyvek Classic Plus hooded CHA5A**

CAT III Type 5 & 6 Coverall with hood. Stitched and over-taped seams. Thumb loops. Tunnelled elastication at wrists, ankles and face. Elasticated waist (glued-in). Tyvek® zipper. Self-adhesive zipper and chin flap (for tight fit around respirator). White. Antistatic.

**Norm** CAT III Type 5&6; EN 14126-4B; EN 1149-1; EN 1073-2



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Size	Colour	Article Number
M	White	W79A-50022
L	White	W79A-50024
XL	White	W79A-50021
2XL	White	W79A-50023



**Coverall disposable 2500 STANDARD hooded Model 111**

CAT III Type 4B, 5B & 6B disposable coverall. Welded Seams; 3 piece hood; elasticated hood, wrists, waist and ankles. Finger Loops. Red single zip with re-sealable storm flap.

**Norm** CAT III Type 4, 5 & 6; EN 1073-2; EN 1149-5; EN 14126



Size	Colour	Article Number
M	White	W55A-50021
L	White	W55A-50022
XL	White	W55A-50023
2XL	White	W55A-50024



**Coverall disposable 3000 Hooded Model 111**

CAT III Type 3B, 4B & 5B disposable overall. 2 piece hood; welded seams; double zip closure; elasticated hood, double cuffs, waist and ankles.

**Norm** CAT III Type 3,4,5&6; EN 1073-2; EN 1149-5; EN 14126



Size	Colour	Article Number
S	Yellow	W55A-50025
M	Yellow	W55A-50026
L	Yellow	W55A-50027
XL	Yellow	W55A-50028
2XL	Yellow	W55A-50029





### Coverall disposable Tychem C with hood

CAT III Type 3B, 4, 5 & 6. TYCHEM C Disposable overall with hood, elastic face opening and adhesive chin flap for tight fit around respirator. Stitched and over-taped seams, double self-adhesive zipper flap, elastic cuffs, ankles and waist, thumb loops, 100% particle tight fabric, mechanically resists pressures of up to 2 bar, excellent barrier against a broad range of concentrated inorganic chemicals and biological hazards. Antistatic treatment (inside).

**Norm** CAT III Type 3,4,5 &6; EN 14126 Type 3B; EN 1141-1; EN 1073-2

Size	Colour	Article Number
S	Yellow	W74G-50008
M	Yellow	W74G-50000
L	Yellow	W74G-50001
XL	Yellow	W74G-50002
2XL	Yellow	W74G-50003
3XL	Yellow	W74G-50009

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### Coverall disposable 4000 Hooded Model 111

CAT III Type 3B, 4B & 5B disposable coverall. 2 piece hood; taped and welded seams; double zip closure. Knitted inner cuff, elasticated hood, outer cuffs, waist and ankles.

**Norm** CAT III Type 3,4,5&6; EN 1073-2; EN 1149-5; EN 14126



Size	Colour	Article Number
S	Green	W55A-50005
M	Green	W55A-50006
L	Green	W55A-50007
XL	Green	W55A-50008
2XL	Green	W55A-50009



### Coverall disposable Tychem F with hood

CAT III type 3B, 4, 5 & 6. TYCHEM F Coverall, hood with elastic face opening and chin flap for tight fit around respirator, stitched and over-taped seams, double self-adhesive zipper flap, elastic cuffs, ankles and waist, thumb loops. 100% particle tight fabric, mechanically resists pressures of up to 5 bar, excellent barrier against a broad range of organic chemicals, highly concentrated inorganic chemicals and biological hazards. Antistatic treatment (inside).

**Norm** CAT III Type 3,4,5 &6; EN 14126 Type 3B; EN 1141-1; EN 1073-2

Size	Colour	Article Number
L	Grey	W74G-50004
L	Grey	W74G-50005
XL	Grey	W74G-50006
2XL	Grey	W74G-50007
3XL	Grey	W74G-50011



### Sleeve Tyvek® PS32LA

TYVEK Sleeve - model PS32LA. Stitched internal seam. Elastic openings.



Colour	Article Number
White	W79A-31716



**Overshoe Tyvek® POSo**

TYVEK Overshoe- model POSO. Stitched internal seams. Elastication.



Colour	Article Number
White	W79A-31715



**Boot cover Tyvek® TPR970**

TYVEK Slip-retardant overshoe- model POSA. Slip-retardant sole. Stitched internal seams. Elastication.



Colour	Article Number
White	W79A-31714

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**Coverall Bizweld flame-resistant BIZ1**

BIZWELD™ flame resistant coverall. Ideal for offering complete protection to workers exposed to heat. The generous fit provides comfort and allows the wearer to work unhindered whilst ample storage space rule pocket and concealed mobile phone pocket hold equipment securely and safely.

**PORTWEST**

**Norm** EN ISO 11612 A1+A2 B1 C1 E1 F1; EN ISO 11611 Class 1 A1+A2; NFPA® 2112; NFPA® 70E; ASTM F1506-10a; ASTM F1959/F1959M-12 ATPV=11.2 Cal/cm<sup>2</sup> (HAF=80.4%)

Size	Length	Colour	Article Number
XS	Regular	Navy blue	W19E-50098
S	Regular	Navy blue	W19E-15873
M	Regular	Navy blue	W19E-12403
L	Regular	Navy blue	W19E-15875
XL	Regular	Navy blue	W19E-12397
2XL	Regular	Navy blue	W19E-15869
3XL	Regular	Navy blue	W19E-12404
4XL	Regular	Navy blue	W19E-50096
5XL	Regular	Navy blue	W19E-50097
6XL	Regular	Navy blue	W19E-56597



**Coverall Bizweld Iona flame-resistant BIZ5**

The Bizweld Iona Coverall offers visible protection to the wearer. Clever design features include flame retardant reflective tape on the shoulders sleeves and legs the option to insert knee pads when needed ample storage space and a rule pocket.

**PORTWEST**

**Norm** EN ISO 11612 A1+A2 B1 C1 E1 F1; N ISO 11611 Class 1 A1+A2; NFPA® 2112; NFPA® 70E; ASTM F1506-10a; ASTM F1959/F1959M-12 ATPV=11.2 Cal/cm<sup>2</sup> (HAF=80.4%)

Size	Length	Colour	Article Number
XS	Regular	Navy blue	W19E-57366
S	Regular	Navy blue	W19E-50110
M	Regular	Navy blue	W19E-50109
L	Regular	Navy blue	W19E-50108
XL	Regular	Navy blue	W19E-50111
2XL	Regular	Navy blue	W19E-50112
3XL	Regular	Navy blue	W19E-50106
4XL	Regular	Navy blue	W19E-50107
5XL	Regular	Navy blue	W19E-57365



**Trousers multi-arc Bizflame FR78**

Conforming to seven EN standards, this 80% cotton, 19% Polyester, 1% Anti-static, two layer PTFE lamination, PU Coated, Fluorocarbon finish, 380 gm fabric combines long term protection with superior comfort and appearance.

**PORTWEST**

**Norm** EN ISO 11612 A1 A2 B1 C1 E2; EN ISO 11611 Class 2 A1+A2; EN 1149; IEC 61482-2 IEC 61482-1-2 Class 1; EN 13034 Type 6; EN ISO 20471 Class 2; EN 343 Class 3:5

Size	Length	Colour	Article Number
M	Regular	Yellow/Navy blue	W19E-58416
L	Regular	Yellow/Navy blue	W19E-58415
XL	Regular	Yellow/Navy blue	W19E-58417
2XL	Regular	Yellow/Navy blue	W19E-58418

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**Trousers hi-vis multinorm FR62**

Made with highly innovative Bizflame Multi fabric. This comfortable garment offers protection against multiple risks including exposure to heat, fire, chemicals, electrical arcs and welding. Features include twin-stitched Hi-Vis strips on legs, a front brass zip and two flapped front pockets, one flapped back pocket and a lower tool pocket with flap.

**PORTWEST**

**Norm** EN ISO 11612 A1+A2 B1 C1 E3 F1; EN ISO 11611 Class 1 A1+A2; EN 1149; IEC 61482-2 IEC 61482-1-2 Class 1; EN 13034 Type 6; EN ISO 20471 Class 3; NFPA@ 70E; ATPV = 13.6 CAL/CM2 (HAF = 82%)

Size	Length	Colour	Article Number
S	Regular	Yellow/Navy blue	W19E-58202
M	Regular	Yellow/Navy blue	W19E-58201
L	Regular	Yellow/Navy blue	W19E-58200
XL	Regular	Yellow/Navy blue	W19E-58203
2XL	Regular	Yellow/Navy blue	W19E-58204



**Coverall multi-norm FR80**

This coverall is perfect for the demands of the petrochemical industry. The highly technical fabric provides flame heat, iron splash, chemical, electric arc and has anti-static protection. The high collar and studded flaps on each pocket provide maximum protection. Knee pad pockets. Meets standards: EN ISO 11612 A1+A2 B1 C1 E3 F1; EN ISO 11611 Class 1 A1 + A2 EN 61482-1-2 Class 1; ASTM F1959 ATPV 13.6 cal/cm2 ; EN13034 Type 6 ; EN1149-5; GOST - R Certified.

**PORTWEST**

**Norm** EN ISO 11612 A1+A2 B1 C1 E3 F1; EN ISO 11611 Class 1 A1+A2; EN 1149; IEC 61482-2 IEC 61482-1-2 Class 1; EN 13034 Type 6 ; NFPA@ 70E; ASTM F1959/F1959M-12 ATPV=13.6 Cal/cm<sup>2</sup> (HAF=82%)

Size	Length	Colour	Article Number
S	Regular	Navy blue	W19E-50384
M	Regular	Navy blue	W19E-50383
L	Regular	Navy blue	W19E-50382
XL	Regular	Navy blue	W19E-50385
2XL	Regular	Navy blue	W19E-50386
3XL	Regular	Navy blue	W19E-50381
4XL	Regular	Navy blue	W19E-58076



### Coverall multi-norm hi-visibility FR60

Multi-norm coverall constructed with a highly innovative high visibility flame-retardant multi-norm fabric. This comfortable garment offers protection against multiple risks including exposure to heat fire chemicals electrical arcs and welding. Features include twin-stitched hi-vis strips on chest arms shoulders and legs concealed 2-way front brass zip two concealed front chest pockets with piping detail concealed side access pockets hip pockets and rule pocket. The garment also has patented knee pad pockets designed with an innovative two tier adjustable system.

**PORTWEST**

**Norm** EN ISO 11612 A1+A2 B1 C1 E3 F1; EN ISO 11611 Class 1 A1+A2; EN 1149; IEC 61482-2 IEC 61482-1-2 Class 1; EN 13034 Type 6; EN ISO 20471 Class 3; NFPA@ 70E; ASTM F1959/F1959M-12 ATPV=13.6 Cal/cm<sup>2</sup> (HAF=82%)

Size	Length	Colour	Article Number
S	Regular	Hi Visibility Yellow/Navy blue	W19E-50378
M	Regular	Hi Visibility Yellow/Navy blue	W19E-50377
L	Regular	Hi Visibility Yellow/Navy blue	W19E-50376
XL	Regular	Hi Visibility Yellow/Navy blue	W19E-50379
2XL	Regular	Hi Visibility Yellow/Navy blue	W19E-50380
3XL	Regular	Hi Visibility Yellow/Navy blue	W19E-50375

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### Jacket multi-arc Bizflame FR79

Conforming to seven EN standards, this 80% cotton, 19% Polyester, 1% Anti-static, two layer PTFE lamination, PU Coated, Fluorocarbon finish, 380 gm fabric combines long term protection with superior comfort and appearance.

**PORTWEST**

**Norm** EN ISO 11612 A1+A2 B1 C1 E3 F1; EN ISO 11611 Class 1 A1+A2; EN 1149; IEC 61482-2 IEC 61482-1-2 Class 1; EN 13034 Type 6; EN ISO 20471 Class 3; NFPA@ 70E; ASTM F1959/F1959M-12 ATPV = 13.6 CAL/CM2 (HAF = 82%)

Size	Colour	Article Number
M	Hi Visibility Yellow/Navy blue	W19E-58645
L	Hi Visibility Yellow/Navy blue	W19E-58644
XL	Hi Visibility Yellow/Navy blue	W19E-58646
2XL	Hi Visibility Yellow/Navy blue	W19E-58647



### Jacket hi-vis multinorm FR61

Constructed with highly innovative Bizflame Multi fabric. This comfortable garment offers protection against multiple risks including exposure to heat, fire, chemicals, electrical arcs and welding. Features include twin-stitched Hi-Vis strips on chest, arms and shoulders, concealed 2-way front brass zip and two concealed front chest pockets with piping detail.

**PORTWEST**

**Norm** EN ISO 11612 A1+A2 B1 C1 E3 F1; EN ISO 11611 Class 1 A1+A2; EN 1149; IEC 61482-2 IEC 61482-1-2 Class 1; EN 13034 Type 6; EN ISO 20471 Class 3; NFPA@ 70E; ASTM F1959/F1959M-12 ATPV = 13.6 CAL/CM2 (HAF = 82%)

Size	Colour	Article Number
S	Hi Visibility Yellow/Navy blue	W19E-58312
M	Hi Visibility Yellow/Navy blue	W19E-58311
L	Hi Visibility Yellow/Navy blue	W19E-58310
XL	Hi Visibility Yellow/Navy blue	W19E-58313
2XL	Hi Visibility Yellow/Navy blue	W19E-58314
3XL	Hi Visibility Yellow/Navy blue	W19E-58315



### Waistcoat hi-visibility flame-retardant FR70

Flame retardant hi-visibility waistcoat. The waistcoat must be worn over Index 2 or 3 garments to offer protection.

**PORTWEST**

**Norm** EN 533 Index 1; EN 471:2003 + A1:2007 Class 2:2

Size	Colour	Article Number
S/M	Hi Visibility Yellow	W19E-51973
L/XL	Hi Visibility Yellow	W19E-51972
2XL/3XL	Hi Visibility Yellow	W19E-51974
4XL/5XL	Hi Visibility Yellow	W19E-51971
S/M	Hi Visibility Orange	W19E-51969
L/XL	Hi Visibility Orange	W19E-51968
2XL/3XL	Hi Visibility Orange	W19E-51970
4XL/5XL	Hi Visibility Orange	W19E-51967

### Jacket Winseler Flame retardant, anti-static hi-vis

Classic parka design, high functionality and a perfect fit. Winseler can be combined with several linings thanks to Sioens ILS system.

**SIOENS**

**Norm** EN 531/ A b2 C1; EN 14116 outer Index 1/12H/40; EN 1149-5; EN 15034 Type PB(6); EN 471 Class 3-2; EN 343 Class 3-3; EN 340



Size	Colour	Article Number
M	Hi Visibility Yellow/Navy blue	W46M-50037
S	Hi Visibility Yellow/Navy blue	W46M-50036
L	Hi Visibility Yellow/Navy blue	W46M-50038
XL	Hi Visibility Yellow/Navy blue	W46M-50039
2XL	Hi Visibility Yellow/Navy blue	W46M-50040
3XL	Hi Visibility Yellow/Navy blue	W46M-50041

### Jacket softshell TK50

This innovative jacket offers a windproof water-resistant breathable membrane with the added luxury of a laminated micro polar fleece. The softshell material stretches for added freedom of movement.

**PORTWEST**



Size	Colour	Article Number
XS	Black	W19E-57252
S	Black	W19E-50837
M	Black	W19E-50836
L	Black	W19E-50835
XL	Black	W19E-50838
2XL	Black	W19E-50839
3XL	Black	W19E-50833
4XL	Black	W19E-50834
5XL	Black	W19E-57251
XS	Navy blue	W19E-57254
S	Navy blue	W19E-50848
M	Navy blue	W19E-50847
L	Navy blue	W19E-50846
XL	Navy blue	W19E-50849
2XL	Navy blue	W19E-50850
3XL	Navy blue	W19E-50845
4XL	Navy blue	W19E-57253



### Jacket winter Columbus

Breathable, windproof and water-repellent. Lining of quilt and quilted fleece. Fleece inner collar. Extended back. Fastening with zip, storm flap and hidden press studs. Zipped pocket under storm flap. Chest pockets with flap and hidden press studs. D-ring. Front pockets. Inner pocket with zip. Rib (hidden in storm flap) and press stud fastening at cuffs. Internal drawstring adjustment at the hip. Waist with press stud adjustment. Zip at lower back for logo printing/embroidery. Contrast stitching. Reflectors. EN 343 - class 3/3.



Size	Colour	Article Number
XS	Navy blue	W67M-50703
S	Navy blue	W67M-50702
M	Navy blue	W67M-50701
L	Navy blue	W67M-50700
XL	Navy blue	W67M-50699
2XL	Navy blue	W67M-50698
3XL	Navy blue	W67M-50697
4XL	Navy blue	W67M-50696
5XL	Navy blue	W67M-50695
XS	Black	W67M-50694
S	Black	W67M-50693
M	Black	W67M-50692
L	Black	W67M-50691
XL	Black	W67M-50690
2XL	Black	W67M-50689
3XL	Black	W67M-50688
4XL	Black	W67M-50687
5XL	Black	W67M-50686
XS	Dark Anthracite	W67M-50685
S	Dark Anthracite	W67M-50684
M	Dark Anthracite	W67M-50683
L	Dark Anthracite	W67M-50682
XL	Dark Anthracite	W67M-50681
2XL	Dark Anthracite	W67M-50680
3XL	Dark Anthracite	W67M-50679
4XL	Dark Anthracite	W67M-50678
5XL	Dark Anthracite	W67M-50677

6



### Jacket fleece Aran F205

This middleweight fleece is fantastic value for money and can be worn as part of a uniform or for leisure activities to provide extra warmth when needed. The anti-pill finish maintains the look of the garment for longer. Adjustable drawcord hem.



**Norm** EN 14058 Class 1

Size	Colour	Article Number
XS	Black	W19E-51083
S	Black	W19E-50229
M	Black	W19E-50228
L	Black	W19E-50227
XL	Black	W19E-50230
2XL	Black	W19E-50231
3XL	Black	W19E-50226
XS	Navy blue	W19E-50232
S	Navy blue	W19E-15025
M	Navy blue	W19E-15026
L	Navy blue	W19E-15024
XL	Navy blue	W19E-15023
2XL	Navy blue	W19E-15021
3XL	Navy blue	W19E-15014
4XL	Navy blue	W19E-15022



### Jacket Argyll fleece F400

F400 Argyll fleece. Traditional uncomplicated design and quality anti-pill finish. The 400g fleece is comfortable to wear and ensures that heat is locked in. Zipped pockets.

**PORTWEST**

**Norm** EN 14058 Class 2

Size	Colour	Article Number
XS	Black	W19E-50248
S	Black	W19E-14981
M	Black	W19E-14965
L	Black	W19E-14994
XL	Black	W19E-14989
2XL	Black	W19E-14991
3XL	Black	W19E-15001
4XL	Black	W19E-14999
5XL	Black	W19E-52878
XS	Navy blue	W19E-50252
S	Navy blue	W19E-14987
M	Navy blue	W19E-14988
L	Navy blue	W19E-14990
XL	Navy blue	W19E-14986
2XL	Navy blue	W19E-14980
3XL	Navy blue	W19E-14993
4XL	Navy blue	W19E-14992
5XL	Navy blue	W19E-50249
6XL	Navy blue	W19E-50250
7XL	Navy blue	W19E-50251

6



### Body warmer Shetland S414

This garment offers all the characteristics of the Aran Bodywarmer but offers that bit more storage and carrying space for those who may need it. Features include mobile phone pocket and internal top pocket with zip fastening. Multi-purpose pockets.

**PORTWEST**

Size	Colour	Article Number
XS	Navy blue	W19E-50674
S	Navy blue	W19E-14483
M	Navy blue	W19E-14491
L	Navy blue	W19E-14492
XL	Navy blue	W19E-14488
2XL	Navy blue	W19E-14490
3XL	Navy blue	W19E-14495
4XL	Navy blue	W19E-14493
5XL	Navy blue	W19E-53893



### T-Shirt thermal short-sleeved B120

Thermal T-shirt. A traditional short-sleeved t-shirt cut that offers optimum warmth at all times. The material construction allows the skin to breathe if conditions become too warm. The round neck makes it ideal for wearing as an under-garment.

**PORTWEST**

Size	Colour	Article Number
XS	Navy blue	W19E-50075
S	Navy blue	W19E-50074
M	Navy blue	W19E-12510
L	Navy blue	W19E-12511
XL	Navy blue	W19E-12509
2XL	Navy blue	W19E-12508
3XL	Navy blue	W19E-50073

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**T-Shirt thermal short-sleeved B120**

Thermal T-shirt. A traditional short-sleeved t-shirt cut that offers optimum warmth at all times. The material construction allows the skin to breathe if conditions become too warm. The round neck makes it ideal for wearing as an under-garment.

**PORTWEST**

Size	Colour	Artikelnummer
XS	White	W19E-51938
S	White	W19E-51937
M	White	W19E-12505
L	White	W19E-12503
XL	White	W19E-12507
2XL	White	W19E-12506
3XL	White	W19E-51939

6



**Hat Fleece HA10**

This classic fleece hat is great value and is essential winter kit. The soft fleece outer has high warmth to weight ratio. soft inner lining protects the head in harsh weather conditions. When brim is unrolled the HA10 can be worn under a helmet.

**PORTWEST**

Colour	Article Number
Navy blue	W19E-50552



**T-shirt thermal B123 long-sleeved**

Thermal long-sleeved t-shirt that keeps you warm all day. The material construction allows the skin to breathe if conditions become too warm. The round neck makes it ideal for wearing as an under-garment.

**PORTWEST**

Size	Colour	Article Number
XS	Navy blue	W19E-50081
S	Navy blue	W19E-50080
M	Navy blue	W19E-12489
L	Navy blue	W19E-12487
XL	Navy blue	W19E-12491
2XL	Navy blue	W19E-12490
3XL	Navy blue	W19E-50079
4XL	Navy blue	W19E-52111
5XL	Navy blue	W19E-52112
XS	White	W19E-52116
S	White	W19E-52115
M	White	W19E-12481
L	White	W19E-12476
XL	White	W19E-12483
2XL	White	W19E-12482
3XL	White	W19E-52117



**Trousers thermal long-johns B121**

Thermal long-johns. The material construction allows the skin to breathe if conditions become too warm.

**PORTWEST**

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Size	Length	Colour	Article Number
XS	Regular	Navy blue	W19E-50078
S	Regular	Navy blue	W19E-50077
M	Regular	Navy blue	W19E-12502
L	Regular	Navy blue	W19E-12504
XL	Regular	Navy blue	W19E-12501
2XL	Regular	Navy blue	W19E-12500
3XL	Regular	Navy blue	W19E-50076
4XL	Regular	Navy blue	W19E-52024
5XL	Regular	Navy blue	W19E-52025
XS	Regular	White	W19E-52029
M	Regular	White	W19E-12493
S	Regular	White	W19E-52028
L	Regular	White	W19E-12496
XL	Regular	White	W19E-12492
2XL	Regular	White	W19E-12477
3XL	Regular	White	W19E-52030



**Base layer thermal top B130**

Soft and smooth short sleeve baselayer top with specially designed flat lock seams to trap body heat and form a light layer of insulation. This wickable material draws perspiration away from the body keeping the wearer cool, dry and comfortable.

**PORTWEST**

Size	Colour	Article Number
S	Grey	W19E-52321
M	Grey	W19E-52320
L	Grey	W19E-52319
XL	Grey	W19E-52322
2XL	Grey	W19E-52323



**Base layer thermal top B133**

Long-sleeve baselayer top with specially designed flat lock seams to trap body heat and form a light layer of insulation. This wickable material draws perspiration away from the body keeping the wearer cool, dry and comfortable.

**PORTWEST**

Size	Colour	Article Number
XS	Grey	W19E-52463
S	Grey	W19E-52461
M	Grey	W19E-52460
L	Grey	W19E-52459
XL	Grey	W19E-52462
2XL	Grey	W19E-52464
3XL	Grey	W19E-52465
4XL	Grey	W19E-52458



### Base layer trousers B131

Baselayer pants with specially designed flat lock seams to trap body heat and form a light layer of insulation. This wickable material draws perspiration away from the body keeping the wearer cool, dry and comfortable.

**PORTWEST**

Size	Length	Colour	Article Number
XS	Regular	Charcoal	W19E-52449
S	Regular	Charcoal	W19E-52447
M	Regular	Charcoal	W19E-52446
L	Regular	Charcoal	W19E-52445
XL	Regular	Charcoal	W19E-52448
2XL	Regular	Charcoal	W19E-52450
3XL	Regular	Charcoal	W19E-52451
4XL	Regular	Charcoal	W19E-52444

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### Apron A2 PE 69x107cm

Aprons flat packed 27 x 42 inches (69 x 107cm), blue or white. Thickness: 12 microns.



Size	Colour	Packaging	Article Number
69x107	Blue	10pks of 100	W03M-50167
69x107	White	10pks of 100	W03M-50148
69x107	Blue	5 rolls of 200	W03M-50168
69x107	White	5 rolls of 200	W03M-50149



### Apron ERA PE red 69x107cm

Aprons flat packed 27 x 42 inches (69 x 107cm). Thickness: 16 microns.



Size	Colour	Packaging	Article Number
69x107	Red	10pks of 100	W03M-50186



### Beard mask DK05 non-woven one size

Nonwoven beard masks.Packing: 100 p./bag, 10 bags/carton.



Colour	Article Number
White	W03M-50153



### Mobcap disposable DM01

Double stitched polypropylene mob cap.Packing: 100 p./bag, 10 bags/carton.



Colour	Size	Article Number
Blue	One size	W03M-50189
Green	One size	W03M-50181
Red	One size	W03M-50195
White	One size	W03M-50182
Yellow	One size	W03M-50172



### Hairnet disposable DM/NETS

Blue polypropylene hairnets. Packing: 48 p./bag, 9x48 bags/carton.



Colour	Size	Article Number
Blue	One size	W03M-50243



### Peaked cap disposable DMo4 100 pieces

Peaked polypropylene disposable caps in bags. Packing: 100 p./bag, 10 bags/carton.



Colour	Size	Article Number
White	M	W03M-50155
White	L	W03M-50173
Blue	L	W03M-50185



### Snood cap disposable peaked DMo3

Medium polypropylene snood caps in bags. Packing: 100 p./bag, 10 bags/carton.



Colour	Size	Article Number
White	M	W03M-50154
White	L	W03M-50184
Blue	L	W03M-50183



### Coat disposable visitor's DCo2

Polypropylene disposable visitors coat.



Size	Colour	Packaging	Article Number
S	White	Case of 25	W58G-50004
M	White	Case of 25	W58G-50003
L	White	Case of 25	W58G-50002
XL	White	Case of 25	W58G-50005
XXL	White	Case of 25	W58G-50006



### Coverall non-woven polypropylene DCo3

Polypropylene disposable overall.



Size	Colour	Article Number
M	White	W03M-50210
L	White	W03M-50219
XL	White	W03M-50211
2XL	White	W03M-50203



**Overshoe disposable CPE DFo1**

Overshoe disposable compressed polythene (CPE) medium 14" (36 cm) or large 16" (41 cm).



Colour	Article Number
Blue	W03M-50220
Blue	W03M-50226



**Overshoe non-woven polypropylene DFo2 41cm**

Overshoe made from non-woven polypropylene. Deluxe size 16" (41cm).



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Colour	Article Number
Blue	W03M-50116



**Oversleeve PE DA01**

Polythene oversleeves one-size bx2000



Colour	Article Number
Blue	W03M-50202
Red	W03M-50209
White	W03M-50201



**Knee pads KP44**

EVA knee pads. For insertion into knee pad pockets in trousers.



Article Number
W19E-50556





# Footwear

Your working environment is a crucial element when choosing the correct safety footwear.

This catalogue explains all the benefits and features of our shoes & boots. We inform about what you should pay attention to, so that your employees are properly protected by footwear suited to their needs and requirements.

Wearer comfort, fit, and appearance .... 3 key concepts in the world of contemporary safety footwear.

It goes without saying, of course, that different working conditions require shoes that eliminate or reduce the chance of foot injury (due to, e.g., falling objects). That is why manufacturers continuously develop and test new or improved types of safety shoes that are expected to comply with the increasingly strict requirements. At the same time, more attention than ever before is being paid to the appearance and the comfort of safety footwear.



To make searching easier, this chapter is structured as follows:

- S3 Boots and shoes
- S2 Boots and shoes
- S1 Boots and shoes
- SB Boots and shoes
- Ladies styles
- Rigger boots
- Wellingtons
- Accessories

The safety shoes in this catalogue comply with the European Standard for safety equipment. The following European standards are applicable:

#### EN ISO 20344: 2011 (E):

This norm contains the basic requirements concerning the inspection methods and contains the demands, the testing trial methods and additional demands for protective footwear.

#### EN ISO 20345: 2011 (E):

Safety shoes with steel toecap.

In addition to the basic demands of the EN ISO 20344 norm, products made to EN ISO 20345 norms have to meet extra requirements. These requirements are indicated with a combination of capital letters and digit(s).

A combination of the letter and digit informs that the shoe meets up with the following additional demands:

Symbol	Explanation
SB	Safety footwear with protective toecap which offers resistance against an impact of 200 joules.
S1	As SB, but also meets the following additional requirements: closed seat region, antistatic properties, energy absorption of heel region.
S2	As S1, with the following additional requirements: waterproofness and water absorption of the uppers.
S3	As S2, with the exception that the following additional requirements are also required: penetration resistant midsole.
S4	Shoes made of 100 % rubber or polymer
S5	As S4 with the exception that the following additional requirements are also: penetration resistant midsole.

#### EN ISO 20347: 2012 (E):

Occupational footwear (without protective toecaps). This norm contains demands for shoes for professional use, and uses the following indications accompanied by the marks:

Symbol	Explanation
O1	Closed seat region, antistatic properties, oil, petrol and acid proof, energy absorption of the heel region.
O2	The same as O1, with the exception that the following additional requirements are also: waterproofness and water absorption of the leather.
O3	As O2, with the exception that the following additional requirements are also met: steel penetration resistant insert and grip-sole.

#### Meanings of additional:

Symbol	Explanation
C	Conductive footwear (resistance between 0 and 0.1 mΩ).
A	Antistatic footwear (resistance between 0.1 and 1000 mΩ).
E	Energy absorption of heel region.
P	Resistance to penetration of sharp objects.
M	Metatarsal protection.
ESD	Electrical discharge (resistance between 0.1 mΩ and 35 mΩ).
WRU	Water resistant upper material.
HRO	Heat resistant walking area.
CI	Cold isolation.
HI	Heat insulation

### Anti-slip standard

Safety shoes are subjected to an anti-slip test according to NEN standards: The manufacturing must indicate the classification with the appropriate marking (SRA, SRB OR SRC):

SRA Slip-resistance on ceramic tile with layer of cleaning product.

SRB Slip-resistance on steel plate with layer of glycerine (oil substance).

SRC SRA + SRB: If the sole has passed both the SRA and the SRB test, it automatically gets the SRC classification.

### ESD (Electrostatic discharge)

- ESD footwear should be used if it is necessary to reduce the build-up of electrostatic charge by dissipating electrical energy in order to avoid the risk of ignition of e.g. flammable substances or vapours by sparks
- If there is any risk of an electric shock from an electrical unit or live elements.
- It should, however, be noted that ESD footwear cannot offer complete protection against an electric shock, as they only provide resistance between the floor and the foot. If the risk of an electric shock cannot be completely excluded, further measures must be taken to avoid this risk.





### Safety shoe RX Securo S3

Composite toe cap to 200 J. Anti-perforation midsole made from MS3 textile; very flexible, gives a much better walking comfort, isolates against the cold and/or heat and protects a larger area of the foot. Scuff pad allows more 'give' at the point where the foot flexes. Ideal for jobs where kneeling is required. Quality uppers stabilises and supports the foot. TPU heel support. Reflective accents for high visibility. Shock-absorbing comfort sole for better walking comfort. PU/rubber sole material; oil and petrol resistant. HRO resistant to 300 °C contact heat. SRC slip resistance. Ladder grip prevents slipping on ladders. Extra Wide Fit (10).



**Norm** EN 20345 S3 HRO SRC

**Safety class** S3

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Width	Heat resistant outsole	Slip resistance	Article Number
38	4	10	300	SRC	W93L-50005
39	5	10	300	SRC	W93L-50006
40	6.5	10	300	SRC	W93L-50007
41	7	10	300	SRC	W93L-50008
42	8	10	300	SRC	W93L-50009
43	9	10	300	SRC	W93L-50010
44	9.5	10	300	SRC	W93L-50011
45	10	10	300	SRC	W93L-50012
46	11	10	300	SRC	W93L-50013
47	12	10	300	SRC	W93L-50014



### Safety boot RX Solido S3

Composite toe cap to 200 J. Anti-perforation midsole made from MS3 textile; very flexible, gives a much better walking comfort, isolates against the cold and/or heat and protects a larger area of the foot. Scuff pad allows more 'give' at the point where the foot flexes. Ideal for jobs where kneeling is required. Quality uppers stabilises and supports the foot. TPU heel support. Reflective accents for high visibility. Shock-absorbing comfort sole for better walking comfort. PU/rubber sole material; oil and petrol resistant. HRO resistant to 300 °C contact heat. SRC slip resistance. Ladder grip prevents slipping on ladders. Extra Wide Fit (10).



**Norm** EN 20345 S3 HRO SRC

**Safety class** S3

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Width	Heat resistant outsole	Slip resistance	Article Number
38	4	10	300	SRC	W93L-50015
39	5	10	300	SRC	W93L-50016
40	6.5	10	300	SRC	W93L-50017
41	7	10	300	SRC	W93L-50018
42	8	10	300	SRC	W93L-50019
43	9	10	300	SRC	W93L-50020
44	9.5	10	300	SRC	W93L-50021
45	10	10	300	SRC	W93L-50022
46	11	10	300	SRC	W93L-50023
47	12	10	300	SRC	W93L-50024



**Safety boot FC6o Operis Compositelite S3 black**

S3 HRO boot. Stylish design combined with total S3 safety in a 100% non metallic boot. Lightweight construction with a durable PU/Rubber outsole for slip resistance and shock absorption.

**PORTWEST**

**Norm** EN 20345 SRC HRO  
**Safety class** S3  
**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
37	4	Yes	SRC	W19E-50284
38	5	Yes	SRC	W19E-50285
39	6	Yes	SRC	W19E-50286
40	6.5	Yes	SRC	W19E-50287
41	7	Yes	SRC	W19E-50288
42	8	Yes	SRC	W19E-50289
43	9	Yes	SRC	W19E-50290
44	10	Yes	SRC	W19E-50291
45	10.5	Yes	SRC	W19E-50292
46	11	Yes	SRC	W19E-50293
47	12	Yes	SRC	W19E-50294
48	13	Yes	SRC	W19E-57462



**Safety shoe FC61 Operis Compositelite S3 black**

S3 HRO shoe. Stylish design combined with total S3 safety in a 100% non metallic boot. Lightweight construction with a durable PU/Rubber outsole for slip resistance and shock absorption.

**PORTWEST**

**Norm** EN 20345 SRC HRO  
**Safety class** S3  
**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
37	4	300°C	SRC	W19E-50295
38	5	300°C	SRC	W19E-50296
39	6	300°C	SRC	W19E-50297
40	6.5	300°C	SRC	W19E-50298
41	7	300°C	SRC	W19E-50299
42	8	300°C	SRC	W19E-50300
43	9	300°C	SRC	W19E-50301
44	10	300°C	SRC	W19E-50302
45	10.5	300°C	SRC	W19E-50303
46	11	300°C	SRC	W19E-50304
47	12	300°C	SRC	W19E-50305
48	13	300°C	SRC	W19E-57346



**Safety shoe FW43 Kumo S3 black**

S3 shoe manufactured with water-resistant leather to keep feet dry in wet conditions. Comprehensive protection with 200 Joule steel toecap steel midsole and a slip resistant energy absorbent heel. GOST- R Certified

**PORTWEST**

**Norm** EN 20345 SRC  
**Safety class** S3  
**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
37	4	SRC	W19E-50452
38	5	SRC	W19E-50453
39	6	SRC	W19E-50454
40	6.5	SRC	W19E-50455
41	7	SRC	W19E-50456
42	8	SRC	W19E-50457
43	9	SRC	W19E-50458
44	10	SRC	W19E-50459

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Shoe size	Shoe size (UK)	Slip resistance	Artikelnummer
45	10.5	SRC	W19E-50460
46	11	SRC	W19E-50461
47	12	SRC	W19E-50462
48	13	SRC	W19E-54477
49	14	SRC	W19E-54478



### Safety boot FW23 S3 black

S3 Kumo Boot is manufactured with water-resistant leather keeping feet dry in wet conditions. Complete protection with 200 Joule steel toecap steel midsole and a slip resistant energy absorbent heel.

**PORTWEST**

**Norm** EN 20345 SRC  
**Safety class** S3  
**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
36	3	SRC	W19E-54460
37	4	SRC	W19E-54461
38	5	SRC	W19E-50441
39	6	SRC	W19E-50442
40	6.5	SRC	W19E-50443
41	7	SRC	W19E-50444
42	8	SRC	W19E-50445
43	9	SRC	W19E-50446
44	10	SRC	W19E-50447
45	10.5	SRC	W19E-50448
46	11	SRC	W19E-50449
47	12	SRC	W19E-50450
48	13	SRC	W19E-50451
49	14	SRC	W19E-54462
50	15	SRC	W19E-54463

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### Safety boot 5403 S3 brown

Reflecto brown S3 WPU safety boot steel toe cap and midsole. Heat resistant outsole. SRC slip resistance. High comfort EVA insoles. Hi vis laces. scuff cap.



**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
39	6	200°C	SRC	W64G-50116
41	7	200°C	SRC	W64G-50117
42	8	200°C	SRC	W64G-50118
43	9	200°C	SRC	W64G-50119
44	10	200°C	SRC	W64G-50112
46	11	200°C	SRC	W64G-50113
47	12	200°C	SRC	W64G-50114
48	13	200°C	SRC	W64G-50115



**Safety boot 1120 S3 black**

Black S3 safety boot with steel toe cap and midsole. Heat resistant outsole. SRC slip resistance.

**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
36	3	200°C	SRC	W64G-50034
37	4	200°C	SRC	W64G-50035
38	5	200°C	SRC	W64G-50036
39	6	200°C	SRC	W64G-50037
41	7	200°C	SRC	W64G-50038
42	8	200°C	SRC	W64G-50039
43	9	200°C	SRC	W64G-50040
44	10	200°C	SRC	W64G-50031
46	11	200°C	SRC	W64G-50032
47	12	200°C	SRC	W64G-50033



**Safety boot 5401 S3 black**

Reflecto black S3 safety boot with steel toe cap and midsole. Heat resistant outsole. SRC slip resistance. High comfort EVA insoles. Hi vis laces. scuff cap.

**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
39	6	200°C	SRC	W64G-50100
41	7	200°C	SRC	W64G-50101
42	8	200°C	SRC	W64G-50102
43	9	200°C	SRC	W64G-50103
44	10	200°C	SRC	W64G-50096
46	11	200°C	SRC	W64G-50097
47	12	200°C	SRC	W64G-50098
48	13	200°C	SRC	W64G-50099



**Safety boot 5402 S3 black**

Reflecto black S3 WPU safety boot with steel toe cap and midsole. Heat resistant outsole. SRC slip resistance. High comfort EVA insoles. Hi vis laces, and scuff cap.

**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
39	6	200°C	SRC	W64G-50108
41	7	200°C	SRC	W64G-50109
42	8	200°C	SRC	W64G-50110
43	9	200°C	SRC	W64G-50111
44	10	200°C	SRC	W64G-50104
46	11	200°C	SRC	W64G-50105
47	12	200°C	SRC	W64G-50106
48	13	200°C	SRC	W64G-50107





### Safety boot 5120 S3 black

Black S3 WPU composite toe cap and midsole waterproof safety boot. Heat resistant outsole. SRC slip resistance.

**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
36	3	200°C	SRC	W64G-50059
37	4	200°C	SRC	W64G-50060
38	5	200°C	SRC	W64G-50061
39	6	200°C	SRC	W64G-50062
41	7	200°C	SRC	W64G-50063
42	8	200°C	SRC	W64G-50064
43	9	200°C	SRC	W64G-50065
44	10	200°C	SRC	W64G-50055
46	11	200°C	SRC	W64G-50056
47	12	200°C	SRC	W64G-50057
48	13	200°C	SRC	W64G-50058



### Safety boot 5160 S3 black

Black S3 WPU composite toe cap and midsole waterproof safety boot. scuff cap. Heat resistant outsole. SRC slip resistance.

**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
36	3	300°C	SRC	W64G-50070
37	4	300°C	SRC	W64G-50071
38	5	300°C	SRC	W64G-50072
39	6	300°C	SRC	W64G-50073
41	7	300°C	SRC	W64G-50074
42	8	300°C	SRC	W64G-50075
43	9	300°C	SRC	W64G-50076
44	10	300°C	SRC	W64G-50066
46	11	300°C	SRC	W64G-50067
47	12	300°C	SRC	W64G-50068
48	13	300°C	SRC	W64G-50069



### Safety boot 5161 S3 brown

Brown S3 WPU composite toe cap and midsole waterproof safety boot. scuff cap. Heat resistant outsole. SRC slip resistance.

**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
36	3	300°C	SRC	W64G-50081
37	4	300°C	SRC	W64G-50082
38	5	300°C	SRC	W64G-50083
39	6	300°C	SRC	W64G-50084
41	7	300°C	SRC	W64G-50085
42	8	300°C	SRC	W64G-50086
43	9	300°C	SRC	W64G-50087
44	10	300°C	SRC	W64G-50077
46	11	300°C	SRC	W64G-50078
47	12	300°C	SRC	W64G-50079
48	13	300°C	SRC	W64G-50080



### Safety boot 764SM black S3

Black S3 water resistant greasy leather upper, nitrile rubber outsole with cushioned polyurethane midsole, heat resistant to 300 C, steel midsole, antistatic.



**Norm** EN 20345  
**Safety class** S3  
**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Heat resistant outsole	Slip resistance	Article Number
39	6	300°C	SRA	W25A-21221
41	7	300°C	SRA	W25A-21222
42	8	300°C	SRA	W25A-21223
43	9	300°C	SRA	W25A-21224
44	10	300°C	SRA	W25A-21218
46	11	300°C	SRA	W25A-21219
47	12	300°C	SRA	W25A-21220

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### Safety shoe W322 white slip-on S2

Water resistant microfibre upper, lightweight polyurethane sole, antistatic.

**Norm** EN 20345  
**Safety class** S2  
**Mid-sole protection** No

Shoe size	Shoe size (UK)	Slip resistance	Article Number
37	4	SRC	W01F-50183
38	5	SRC	W01F-50184
39	6	SRC	W01F-50185
41	7	SRC	W01F-50186
42	8	SRC	W01F-50187
43	9	SRC	W01F-50188
44	10	SRC	W01F-50180
46	11	SRC	W01F-50181
47	12	SRC	W01F-50182



### Safety boot FC10 Compositelite S1P black

S1P metal-free boot with composite toecap and midsole. Black leather upper with dual density polyurethane sole unit. GOST- R Certified

**PORTWEST**

**Norm** EN 20345 SRC  
**Safety class** S1P  
**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
36	3	SRC	W19E-50259
37	4	SRC	W19E-50260
38	5	SRC	W19E-50261
39	6	SRC	W19E-50262
40	6.5	SRC	W19E-50263
41	7	SRC	W19E-50264
42	8	SRC	W19E-50265
43	9	SRC	W19E-50266
44	10	SRC	W19E-50267
45	10.5	SRC	W19E-50268
46	11	SRC	W19E-50269
47	12	SRC	W19E-50270
48	13	SRC	W19E-50271



### Safety shoe FC14 Compositelite S1P black

S1P metal-free shoe. Low cut version of the FC10 with composite toecap and composite midsole. GOST- R Certified

**PORTWEST**

**Norm** EN 20345 SRC

**Safety class** S1P

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
36	3	SRC	W19E-50272
37	4	SRC	W19E-50273
38	5	SRC	W19E-50274
39	6	SRC	W19E-50275
40	6.5	SRC	W19E-50276
41	7	SRC	W19E-50277
42	8	SRC	W19E-50278
43	9	SRC	W19E-50279
44	10	SRC	W19E-50280
45	10.5	SRC	W19E-50281
46	11	SRC	W19E-50282
47	12	SRC	W19E-50283
48	13	SRC	W19E-54888



### Safety shoe FW14 Protector S1P black

S1P shoe. Lightweight and durable with good slip resistance. Oil resistant and energy absorbing outsole with protective steel toecap and midsole. GOST- R Certified

**PORTWEST**

**Norm** EN 20345 SRC

**Safety class** S1P

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
35	2	SRC	W19E-50428
36	3	SRC	W19E-50429
37	4	SRC	W19E-50430
38	5	SRC	W19E-50431
39	6	SRC	W19E-50432
40	6.5	SRC	W19E-50433
41	7	SRC	W19E-50434
42	8	SRC	W19E-50435
43	9	SRC	W19E-50436
44	10	SRC	W19E-50437
45	10.5	SRC	W19E-50438
46	11	SRC	W19E-50439
47	12	SRC	W19E-50440
48	13	SRC	W19E-53262
49	14	SRC	W19E-53263
50	15	SRC	W19E-53264
51	16	SRC	W19E-53265
52	17	SRC	W19E-53266



### Safety boot FW09 S1P black

FW09 Steelite boot with a scuff cap to the toe area, which offers greater wear protection to the toe area.

**PORTWEST**

**Norm** EN 20345 SRC

**Safety class** S1P

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
37	4	SRC	W19E-50392
38	5	SRC	W19E-50393
39	6	SRC	W19E-50394
40	6.5	SRC	W19E-50395
41	7	SRC	W19E-50396
42	8	SRC	W19E-50397
43	9	SRC	W19E-50398
44	10	SRC	W19E-50399
45	10.5	SRC	W19E-50400
46	11	SRC	W19E-50401
47	12	SRC	W19E-50402
48	13	SRC	W19E-50403



### Safety boot 5400 S1P black

Reflecto black S1P safety boot with steel toe cap and midsole. SRC slip resistance. High comfort EVA insoles. Hi vis laces. Scuff cap.



**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRC	W64G-50092
41	7	SRC	W64G-50093
42	8	SRC	W64G-50094
43	9	SRC	W64G-50095
44	10	SRC	W64G-50088
46	11	SRC	W64G-50089
47	12	SRC	W64G-50090
48	13	SRC	W64G-50091



### Safety trainer 4300 S1P blue/black

Blue/black S1P composite toe cap and midsole safety cross trainer. SRC slip resistance. scuff cap.



**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRC	W64G-50044
41	7	SRC	W64G-50045
42	8	SRC	W64G-50046
43	9	SRC	W64G-50047
44	10	SRC	W64G-50041
46	11	SRC	W64G-50042
47	12	SRC	W64G-50043



### Safety trainer 4301 S1P grey/black

Grey/black S1P composite toe cap and midsole safety cross trainer. SRC slip resistance. scuff cap.

**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRC	W64G-50051
41	7	SRC	W64G-50052
42	8	SRC	W64G-50053
43	9	SRC	W64G-50054
44	10	SRC	W64G-50048
46	11	SRC	W64G-50049
47	12	SRC	W64G-50050



### Safety shoe TREKKER black S1P

Black low cut hiker with dual density phylon and rubber sole, waterproof and breathable lining, steel midsole, antistatic.

**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes



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Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRC	W74D-10152
41	7	SRC	W74D-10153
42	8	SRC	W74D-10154
43	9	SRC	W74D-10155
37	4	SRC	W74D-10297
38	5	SRC	W74D-10298
44	10	SRC	W74D-10148
46	11	SRC	W74D-10149
47	12	SRC	W74D-10150
48	13	SRC	W74D-10151



### Safety boot WORKMAX black S1P

Black leather chukka boot, dual density phylon and rubber sole, oil and slip resistant outsole, steel midsole, antistatic.

**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRC	W74D-50007
41	7	SRC	W74D-50008
42	8	SRC	W74D-50009
43	9	SRC	W74D-50010
44	10	SRC	W74D-50011
46	11	SRC	W74D-50012
47	12	SRC	W74D-50013



### Safety trainer 980NMP black S1P

Black trainer with dual density polyurethane sole, non-metal composite toecap and non-metal composite midsole, antistatic.

**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes

Shoe size	Shoe size (UK)	Slip resistance	Article Number
36	3	SRC	W01F-10713
37	4	SRC	W01F-10714
38	5	SRC	W01F-10715
39	6	SRC	W01F-10716
41	7	SRC	W01F-10717
42	8	SRC	W01F-10718
43	9	SRC	W01F-50179
44	10	SRC	W01F-50175
46	11	SRC	W01F-50176
47	12	SRC	W01F-50177
48	13	SRC	W01F-50178



### Safety shoe Executive S1P black

Smart looking black 3-eyelet lace-up business style safety shoe.

**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Slip resistance	Article Number
38	5	SRC	W05U-50000
39	6	SRC	W05U-50001
41	7	SRC	W05U-50002
42	8	SRC	W05U-50003
43	9	SRC	W05U-50004
44	10	SRC	W05U-50005
46	11	SRC	W05U-50006
47	12	SRC	W05U-50007
48	13	SRC	W05U-50008
49	14	SRC	W05U-50009



### Safety trainer MOOR grey/black SB

Black lightweight casual trainer, PU Nubuck and mesh upper, cemented construction, durable rubber compound outsole, Taibrelle lining.

**Norm** EN 20345

**Safety class** SB

**Mid-sole protection** No



Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRA	W16A-13965
43	9	SRA	W16A-13984
42	8	SRA	W16A-13985
41	7	SRA	W16A-13986
47	12	SRA	W16A-13987
46	11	SRA	W16A-13988
44	10	SRA	W16A-13989



### Safety shoe Brogue S1P black

S1P Stylish black brogue business safety shoe.

**Norm** EN 20345

**Safety class** S1P

**Mid-sole protection** Yes



Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRC	W05U-50010
41	7	SRC	W05U-50011
42	8	SRC	W05U-50012
43	9	SRC	W05U-50013
44	10	SRC	W05U-50014
46	11	SRC	W05U-50015
47	12	SRC	W05U-50016
48	13	SRC	W05U-50017
49	14	SRC	W05U-50018
50	15	SRC	W05U-50019



### Safety boot HOLTON black SB

Comfortable welted boot with moisture-wicking lining, and durable rubber compound outsole. Steel toecap.

**Norm** EN 20345

**Safety class** SB

**Mid-sole protection** No



Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRA	W16A-13916
41	7	SRA	W16A-14006
42	8	SRA	W16A-13933
43	9	SRA	W16A-14005
44	10	SRA	W16A-14008
46	11	SRA	W16A-13914
47	12	SRA	W16A-14007



### Safety boot HOLTON honey SB

Comfortable welted boot with moisture-wicking lining, and durable rubber compound outsole. Steel toecap.

**Norm** EN 20345

**Safety class** SB

**Mid-sole protection** No



Shoe size	Shoe size (UK)	Slip resistance	Article Number
39	6	SRA	W16A-14003
41	7	SRA	W16A-14002
42	8	SRA	W16A-14001
43	9	SRA	W16A-13918
44	10	SRA	W16A-13920
46	11	SRA	W16A-14004
47	12	SRA	W16A-13917



### Safety Wellington boot S5 FW95 black

S5 safety wellington. Steelite™ safety wellingtons are manufactured from PVC/Nitrile to give a seamless watertight construction. 200 joule steel toe cap slip resistant and anti-static are just some of the key features. GOST- R Certified

**PORTWEST**

**Safety class** S5

Shoe size	Shoe size (UK)	Outsole	Article Number
36	3	PVC/Nitrile	W19E-50496
37	4	PVC/Nitrile	W19E-50497
38	5	PVC/Nitrile	W19E-50498
39	6	PVC/Nitrile	W19E-50499
40	6.5	PVC/Nitrile	W19E-50500
41	7	PVC/Nitrile	W19E-50501
42	8	PVC/Nitrile	W19E-50502
43	9	PVC/Nitrile	W19E-50503
44	10	PVC/Nitrile	W19E-50504
45	10.5	PVC/Nitrile	W19E-50505
46	11	PVC/Nitrile	W19E-50506
47	12	PVC/Nitrile	W19E-50507
48	13	PVC/Nitrile	W19E-50508
49	14	PVC/Nitrile	W19E-53674



### Safety Wellington boot S5 FW95 green

S5 safety wellington. Steelite™ safety wellingtons are manufactured from PVC/Nitrile to give a seamless watertight construction. 200 joule steel toe cap slip resistant and anti-static are just some of the key features. GOST- R Certified

**PORTWEST**

**Safety class** S5

Shoe size	Shoe size (UK)	Outsole	Article Number
36	3	PVC/Nitrile	W19E-50509
37	4	PVC/Nitrile	W19E-50510
38	5	PVC/Nitrile	W19E-50511
39	6	PVC/Nitrile	W19E-50512
40	6.5	PVC/Nitrile	W19E-50513
41	7	PVC/Nitrile	W19E-50514
42	8	PVC/Nitrile	W19E-50515
43	9	PVC/Nitrile	W19E-50516
44	10	PVC/Nitrile	W19E-50517
45	10.5	PVC/Nitrile	W19E-50518
46	11	PVC/Nitrile	W19E-50519
47	12	PVC/Nitrile	W19E-50520
48	13	PVC/Nitrile	W19E-50521





### Safety Wellington boot S4 FW84 white

S4 safety wellington. Manufactured from high grade PVC/Nitrile which is resistant to oils fats alkali and acid. Excellent slip resistance and suitable for food industry. Meets standards:GOST- R Certified

**PORTWEST**

**Safety class** S4

Shoe size	Shoe size (UK)	Outsole	Article Number
36	3	PVC/Nitrile	W19E-50483
37	4	PVC/Nitrile	W19E-50484
38	5	PVC/Nitrile	W19E-50485
39	6	PVC/Nitrile	W19E-50486
40	6.5	PVC/Nitrile	W19E-50487
41	7	PVC/Nitrile	W19E-50488
42	8	PVC/Nitrile	W19E-50489
43	9	PVC/Nitrile	W19E-50490
44	10	PVC/Nitrile	W19E-50491
45	10.5	PVC/Nitrile	W19E-50492
46	11	PVC/Nitrile	W19E-50493
47	12	PVC/Nitrile	W19E-50494
48	13	PVC/Nitrile	W19E-50495

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### Safety wellington Purofort S5 green

Purofort Professional green PU full safety wellington. Steel toecap and midsole.



**Safety class** S5

Shoe size	Shoe size (UK)	Outsole	Article Number
37	4	PU	W27A-50015
38	5	PU	W27A-50016
39	6	PU	W27A-50005
40	6.5	PU	W27A-50017
41	7	PU	W27A-50001
42	8	PU	W27A-50000
43	9	PU	W27A-50003
44	10	PU	W27A-50004
45	10.5	PU	W27A-50018
46	11	PU	W27A-50010
47	12	PU	W27A-50009
48	13	PU	W27A-50019



### Safety wellington Acifort SBP black

Acifort ribbed black PVC/nitrile safety wellington. Steel toecap and midsole.



**Safety class** SBP

Shoe size	Shoe size (UK)	Outsole	Article Number
40	6.5	PVC/Nitrile	W27A-50013
41	7	PVC/Nitrile	W27A-50008
42	8	PVC/Nitrile	W27A-50011
43	9	PVC/Nitrile	W27A-50002
44	10	PVC/Nitrile	W27A-50006
45	10.5	PVC/Nitrile	W27A-50014
46	11	PVC/Nitrile	W27A-50012
47	12	PVC/Nitrile	W27A-50007



### Laces FLo1/FLo2 Black

Shoelaces FLo1: black, length 90 cm.FLo2: black, length 150 cm.

**PORTWEST**

Length	Colour	Material	Article Number
90	Black	300D polyester	W19E-51448
15	Black	300D polyester	W19E-50335



### Insole FC90, grey

Gel cushioning insole. Available in three standard sizes that can be trimmed to fit your ideal shoe size these gel cushions absorb shocks and help relieve tired aching feet. Cushion comfort all day long

**PORTWEST**

**Mid-sole protection** No

Shoe size	Shoe size (UK)	Article Number
37-39	4-6	W19E-50334
40-44	6.5-10	W19E-50333
45-47	10.5-12	W19E-50332



### Socks SK18 black

Extreme cold weather sock. Double layer outside which consists largely of wool. Viafil® inner layer against unpleasant odors, with insulation and moisture transmitting properties. SATRA TM436: 2010

**PORTWEST**

Size	Material	Colour	Article Number
39-43	40% wool; 40% Acrylic; 20% Nylon; viafill liner	Black	W19E-50829
44-48	40% wool; 40% Acrylic; 20% Nylon; viafill liner	Black	W19E-50830



### Socks SK20 flame retardant black

Manufactured from Bizflame™. Comprising a flat toe seam for extra comfort and an elasticated leg section. EN531; EN1149

**PORTWEST**

Size	Material	Colour	Article Number
39-43	Modaflame	Black	W19E-50831
44-48	Modaflame	Black	W19E-50832



### Socks SK13

Classic cotton work socks. Features include reinforced heels and toes for durability and a cushion sole area providing extra comfort and warmth.

**PORTWEST**

Size	Material	Colour	Article Number
44-48	80% cotton; 20% nylon	Black	W19E-51571



### Socks SK10

Combat work socks. Features include reinforced heels and toes for durability and a cushion sole area providing extra comfort and warmth.

**PORTWEST**

Size	Material	Colour	Article Number
39-43	40% wool; 40% Acrylic; 20% Nylon	Black	W19E-51761
44-48	40% wool; 40% Acrylic; 20% Nylon	Black	W19E-51762



### Socks SK33 triple pack

Work socks. Features include reinforced heels and toes for durability and a cushion sole area providing extra comfort and warmth.

**PORTWEST**

Size	Material	Colour	Article Number
39-43	79% acrylic; 15% nylon; 6% polyester	Black	W19E-51981
44-48	79% acrylic; 15% nylon; 6% polyester	Black	W19E-51982
39-43	79% acrylic; 15% nylon; 6% polyester	Grey	W19E-51983
44-48	79% acrylic; 15% nylon; 6% polyester	Grey	W19E-51984









## Fall protection

It is obvious that those who work at height should be protected from falls. In the UK, Belgium Germany and Switzerland, certain obligations apply as with regards activities carried out at a height over two metres, in the Netherlands, this figure is 2.5 metres. There is no minimum height specified in France.

In situations where there is a risk of falling, appropriate equipment such as scaffolding, aerial work platforms, safety nets, racks, etc. should be provided. If such collective safety measures are insufficient, then personal fall protection equipment should be worn.

Good quality fall protection equipment is both comfortable to wear and leaves room for manoeuvre. A wide range of fall protection equipment and accessories are available, including harnesses, life lines, fall arresters, safety nets, grips, hooks, etc.

A thorough risk analysis should be conducted to determine which collective and/or personal safety measures need to be taken.

## Fall protection

The following types of fall protection equipment are available in our catalogue:

- Harnesses/work positioning belt
- Safety lines (life lines)
- Anchor points
- Fall prevention devices
- Rescue hoist system
- Accessories

### Certification

The EN 365 standard requires manufacturers to emphasise the importance of regular inspections that serve to establish that the product is operating properly. Regular maintenance is also recommended, depending on the type, frequency of usage and environmental factors. In any case, such maintenance activities should be carried out at least once a year. This should be done by an authorised person in accordance with the procedures established by the manufacturer.

## 8 EN-standarisation

The following EN standards apply to our range of products:

EN 353-1	Guided type fall arresters rigid anchorage line and rails
EN 353-2	Guided type fall arresters flexible anchorage line
EN 354	Lanyards
EN 355	Energy absorbers
EN 358	Work positioning systems
EN 360	Retractable type fall arrestors
EN 361	Full body harness
EN 362	Connectors
EN 363	Personal fall protection systems
EN 365	Instructions for use, maintenance, periodic examination, repair, marking
EN 795	Anchorage devices
EN 813	Sit harness
EN 1496	Rescue lifting devices
EN 1497	Rescue harnesses
EN 1798	Rescue loops
EN 1891	Low stretch core mantle ropes

Harness type	European Standard	Work Restraint	Work Positioning	Fall Arrest	Work in Suspension	To Rescue
Work Positioning Belt	EN 358	ok	ok	-	-	-
Full Body Harness	EN 361	ok	-	ok	-	-
Full Body Harness	EN 361/EN 358	ok	ok	ok	-	ok
Multifunction Full Body Harness	EN 358 / EN 813 / EN 361	ok	ok	ok	ok	ok

### Working at height categories

Your work at height environment reflects the equipment that must be used. The categories summarised below have been defined by European Standards and are used as the base for working at height operations.

<b>Fall arrest</b>	Equipment used to stop falling worker in the event of a fall from height. <b>Typical Fall Arrest System consists of:</b> <ul style="list-style-type: none"> <li>■ Anchor devices</li> <li>■ Full body harness</li> <li>■ Connecting devices</li> </ul>
<b>Work in suspension*</b>	Designed to lower and support a worker, allowing a hands free work environment. <b>Typical Suspension System consists of:</b> <ul style="list-style-type: none"> <li>■ Anchor devices</li> <li>■ Full body harness</li> <li>■ 2 ropes: 1 equipped with a descender, 1 equipped with a rope grab.</li> </ul>
<b>Work restraint</b>	Equipment used to prevent the workers from approaching a position from which they can fall. <b>Typical Work Restraint System consists of:</b> <ul style="list-style-type: none"> <li>■ Anchor devices.</li> <li>■ Work resistant belt or full body harness.</li> <li>■ Connecting devices (restraint lanyard)</li> </ul>
<b>Rescue</b>	Rescue an evacuation of an injured high access worker in mandatory consideration for work at height operations. <b>Typical Rescue System consists of:</b> <ul style="list-style-type: none"> <li>■ Rescue &amp; evacuation devices.</li> </ul>
<b>Work positioning*</b>	Equipment holding an operator in their places of work, allowing a handling free work environment. <b>Typical Work Positioning System consists of:</b> <ul style="list-style-type: none"> <li>■ Anchor devices.</li> <li>■ Full body harness with a position belt.</li> <li>■ Connecting devices (work-positioning lanyard)</li> </ul>

\* The positioning and suspension systems are not designed for Fall Arrest. A back-up Fall Arrest system must be used.





**Kit TITAN fall protection for mobile platforms**

Fall Protection Kit for use on mobile platforms (Cherry-pickers) which includes: TITAN 1-point harness; 1m lanyard; bag. EN 361; EN 354 Universal fit.



With safety harness	Packaging type	Article Number
Yes	Bag	W94D-50047



**Kit TITAN fall protection for scaffolders**

Fall Protection scaffolders kit which includes: TITAN 1-point harness; shock-absorbing 2m lanyard; bag. Universal fit.



With safety harness	Packaging type	Article Number
Yes	Bag	W94D-50034

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**Kit TITAN fall protection kit for roofers**

Fall Protection roofers kit which includes: TITAN 2-point harness. automatic rope grab 12mm x 20m. 0.8m webbing strap. bag. EN 354; EN 361; EN358. Universal fit.



With safety harness	Packaging type	Article Number
Yes	Bag	W94D-50035



**Escape kit Safescape Elite**

Safescape kit with wheel hoist, handle and 20M rope. Supplied in a bag with 1 anchor sling. Anodised aluminium housing, aluminium pulley and Karabiner. Descent speed 1M/sec. Rescue descender device complies with the new EN 341: 2008 standard, EN 1496. Ideal for rescue situations from wind turbines, antennae, high voltages masts, cranes and any areas normally inaccessible by conventional means.



With safety harness	Article Number
No	W94D-50001



**Harness TITAN 2 point**

2 point harness (dorsal D ring and frontal webbing loops), with fast release buckles and adjustable legs straps. Secure & Lightweight, durable polyamide webbing for all day comfort and dependability. Fully adjustable design so one size fits all. Sliding back D-ring for a comfortable fit. Comfortable Sub-pelvic strap keeps the wearer upright. EN 361 Universal fit.



Size	Article Number
Universal	W94D-50011



**Harness TITAN 2 point with positioning belt**

TITAN 2 point harness with positioning belt is easy to use and meets industry and construction compliance requirements. 2 point harness (dorsal D ring and frontal webbing loops). EN 361 Universal fit.



Size	Article Number
Universal	W94D-50015



**Harness H-Design® 2 point**

H-Design 2 points harnesses are the new generation of harnesses dedicated to construction and general industry sectors providing more comfort, freedom of movement and safety to workers. Its brand new innovative and ergonomically defined H-architecture has been specially designed to provide a unique comfort and freedom of movement to users to let them concentrate on their job and do a great work at height. The new range is available with two easy-to-access front anchor point options: two large, thin webbing loops, or a patented sternal D-ring. Mating buckles or automatic buckles can also be selected.



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Size	Article Number
2	W94D-50013



**Harness H-Design® Duraflex™ 2 point**

H-Design Duraflex™ 2 points harness with 2 webbing loops at the front and automatic buckles on chest and legs straps. Shoulder Straps : Duraflex Stretch 44,5 mm webbing PES with PTFE treatment (water repellent / anti stain). Other Straps : Standard black webbing 44 mm PES with PTFE treatment (water repellent / anti stain). Back Anchorage D-ring : Material : steel Finish : Zinc plated Silver. Sternal anchorage point : long webbing loops. Aluminium automatic buckles. Steel mating buckles : Finish : Zinc plated silver. Certified for a maximum load of 140 kgs.



Size	Article Number
2	W94D-50012



**Harness Revolution R7 Wind**

The Revolution R7 wind harness is ideal for any working height on inshore windmill applications. Equipped with a back D pad with fall indicator integrated. Quick-connect buckles on belt and leg straps, and auto quick fixing can buckles for easy fit.



Size	Article Number
L/XL	W94D-50014



**Lanyard Handzup work positioning**

The new HandZup is a unique , patented work positioning system (EN 358) that leaves the hands free and enables the operator to work in complete safety. Its ergonomic design makes it easy to use, ensuring adjustment is quick, accurate and flexible for greater comfort while working.



Length	Article Number
2	W94D-50006



**Lanyard Kernmantel single fall arrest Edge Tested**

Workers at height who are at risk of falling over an edge (scaffolding, roofs, terrasses...) should always choose an edge tested fall arrester. The Miller Fall Protection portfolio of products is extended with a new range of kernmantel fall arrest lanyards (EN355) solutions. This new range of Miller kernmantel lanyards will complete the panel of products to fit all users' needs.



Length	Article Number
2	W94D-50003



**Lanyard Kernmantel single restraint**

Restraint lanyards are used to restrict the worker's movement to prevent him reaching a location where a fall hazard exists. The Miller Fall Protection portfolio of products is extended with a new range of kernmantel restraint lanyards (EN354-EN 358) solutions. This new range of Miller kernmantel lanyards will complete the panel of products to fit all users' needs.



Length	Article Number
2	W94D-50002

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**Lanyard TITAN A3 forked**

Shock-absorbing lanyard TITAN A3 forked, screwgate karabiner + 2 x 63mm scaffold hooks. Length 2M. EN 355



Length	Article Number
2	W94D-50005



**Manyard edge-tested shock absorbing**

Edge-tested shock absorbing Manyard. Mechanical properties offers resistance to cutting and shearing in use. Wrapped filament combining 2 types of thread; 1 abrasion resistant, the other shock absorbent.



Length	Article Number
2	W94D-50004



**Anchorage slings webbing**

This webbing anchorage sling allows a safe and reliable connection when anchorages are not safe. The anchorage point can then be used to connect a lifeline. Material : 27 mm polyester. Yellow webbing available in different lengths



Rope length	Article Number
0.6	W94D-50016
0.8	W94D-50017
1	W94D-50018
1.2	W94D-50019
1.5	W94D-50020



### Rope grab TITAN automatic

The automatic rope grab and anchorage line is designed to prevent workers from falling during ascent or descent. It is particularly useful on sloping roofs where retractable lifelines may react too slowly. The automatic rope grab locks onto the rope in the event of a fall, arresting a fall within centimeters thus reducing the fall arrest forces and facilitating rescue. EN 362



Fall blocking	Rope length	Article Number
Yes	10	W94D-50030
Yes	15	W94D-50031
Yes	20	W94D-50032



### Rope grabs manual and automatic

In the event of a fall or slip, the Miller rope grabs lock onto the rope arresting the fall immediately. Follows the worker without assistance. Rope grabs prevent workers from falling during ascent or descent. The range includes models for both vertical and horizontal applications. They are particularly useful on sloping roofs where retractable lifelines may react too slowly. Suitable for 10/12mm rope. Automatic locking for vertical use, the rope glides freely over the line without manual intervention. Manual position for horizontal work. The user locks the grab on the rope for restraint purposes, and repositions it manually along rope. Suitable for vertical, horizontal and sloping applications. EN 353-2



8

Fall blocking	Article Number
Yes	W94D-50029



### Lifeline Edge-tested self-retracting

Whilst the risk of failure on an edge is often present during work at height, this hazard is relatively unknown. Miller developed a solution to this problem with a range of Edge-Tested self-retracting lifelines to ensure safety in the event of falls on edges. EN 360



Length	Article Number
2	W94D-50007



### Lifeline Falcon self-retracting galvanised standard range

A self-retracting lifeline is the ideal fall protection solution for construction, industrial, warehouse, utility, mining and confined space applications. Nearly indestructible, high-impact resistant nylon housing, galvanised steel cable and screwgate karabiner. Load indicator with swivel karabiner at the top and swivel snap hook. The quick-activating braking mechanism stops a fall within centimeters. EN 362; EN 360



Length	Article Number
6.2	W94D-50008
10	W94D-50009
20	W94D-50010



**Hoist kit Durahoist 3pod + MightEvac G + bracket**

Durahoist 3pod kit contains MightEvac Galv and bracket. For confined space, equipped with 4 anchorage points and 2 pulleys.



With safety harness	Article Number
No	W94D-50036
No	W94D-50037



**Hoist kit Durahoist 3pod + MightEvac SS + bracket**

Durahoist 3pod kit contains MightEvac S/S and bracket. For confined space, equipped with 4 anchorage points and 2 pulleys.



With safety harness	Article Number
No	W94D-50040

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**Hoist kit Durahoist 3pod + MightEvac G + winch + 2 brackets**

Durahoist 3pod kit contains MightEvac G + winch + 2 brackets. For confined space, equipped with 4 anchorage points and 2 pulleys.



With safety harness	Article Number
No	W94D-50038
No	W94D-50039



**Hoist kit Durahoist 3pod + MightEvac SS + winch + 2 brackets**

Durahoist 3pod kit contains MightEvac G + winch + 2 brackets. For confined space, equipped with 4 anchorage points and 2 pulleys.



With safety harness	Article Number
No	W94D-50041



**Hoist bracket for MightEvac**

Bracket for mightylite to fit onto DuraHoist 3Pod.



Article Number
W94D-50045
W94D-50046



**Hoist MightEvac Galva**  
MightyLight Evac hoist with galvanised cable

**Honeywell**  
**MILLER**

Rope length	Article Number
15	W94D-50042
30	W94D-50043



**Hoist MightEvac SS**  
MightyLight Evac hoist with stainless steel cable

**Honeywell**  
**MILLER**

8

Rope length	Article Number
15	W94D-50044



**Tripod bag DuraHoist 3Pod**  
Bag for storing and carrying the DuraHoist 3pod

**Honeywell**  
**MILLER**

Article Number
W94D-50022

**Tripod DuraHoist 3Pod**  
DuraHoist 3pod for confined space, equipped with 4 anchorage points and 2 pulleys. Certified EN 795/B 2012 (CN/ TS 16415) for 2 persons. A single 3Pod solution adjusted to various confined space work situations which is easy to transport and rapid to install. This system is adapted to any manholes from 1m, 1.5m to 2.5m.

**Honeywell**  
**MILLER**

Article Number
W94D-50021



**Winch bracket DuraHoist for 15 & 30m**  
Universal winch bracket for DuraHoist winch 15m and 30m.

**Honeywell**  
**MILLER**

Article Number
W94D-50024



**Winch DuraHoist 30m SS**

DuraHoist Winch 30M SS to lower and lift equipment, tools and other types of material. Conforms to the Material Handling Directive machine 2006/42/CEE when used with the 3Pod.



Article Number
W94D-50023



**Foot sole set for DuraHoist 3pod (x3)**

Foot sole set for DuraHoist 3pod (x3)



Article Number
W94D-50028



**Foot webbing for DuraHoist 3pod**

Foot webbing for DuraHoist 3pod



Article Number
W94D-50027



**Leg detent pin set for DuraHoist 3pod (x3)**

Leg detent pin set for DuraHoist 3pod (x3)



Article Number
W94D-50026



**Leg plug set for DuraHoist 3pod (x3)**

Leg plug set for DuraHoist 3pod (x3)



Article Number
W94D-50025







## Skin protection

Occupational skin diseases (OSDs,) including contact dermatitis or work-related eczema (WRE), are a serious health issue that currently go largely unreported in the workplace; an invisible threat that affect both an organisation's efficiency and the health and well-being of its employees. There is insufficient perception of the problem and lack of understanding of the consequences of poor skin condition.


## Make Hands Matter in the Workplace

The Deb Stoko® range addresses ALL skin care needs with the world’s most comprehensive and innovative occupational skin care products.

- Reduce the risk of occupational skin disease
- Maintain healthy skin
- Stop the spread of germs
- Reduce sickness

## Issues and challenges

Skin disorders can be painful and over 80% of staff with dermatitis suffer impairment to their grip whilst at work.

Skin disorders	Health and well-being	Cost implications
		
<p>“The incidence of occupational skin diseases in Europe may be underestimated by 10 - 50 times.”<sup>1</sup></p>	<p>“Up to 40% of workers will suffer a skin issue at some point in their working life.”<sup>2</sup></p>	<p>“On average the total cost to an employer of a reported case of OSD is approximately £6,000 (excluding compensation, fines and legal fees).”<sup>3</sup></p>

1. European Dermatology Forum White Book – Skin Disease in Europe. |
2. Centers for Disease Control & Prevention |
3. Diepgen T.L. et al; Contact Dermatitis 2013; 69:88-106.

## The DEB solution

The Deb Industrial Programme is specifically designed to improve skin care standards and reduce the threat of occupational skin disorders (OSDs) to Make Hands Matter in the Workplace.

## The 3 elements

Essential products	Vital information	Highest standards of behaviour
		
<p>A complete range of specialist hand hygiene and skin care products, designed specifically for the industrial environments.</p>	<p>Incorporates site surveys to establish the current site facilities and understand employee skin care and needs</p>	<p>Highest Standards of behaviour Best practice training, educational tools and point-of-use materials to increase skin care compliance and improve skin health.</p>



## Essential products

Skin care is designed to address skin health where Safe Working Practices (SWP) and Personal Protective Equipment (PPE) are not appropriate or possible. The Deb Stoko range integrates skin protection and restore creams with appropriate hand cleansers to create a complete programme to help ensure healthy skin.

 <h3>Protect</h3>	 <h3>Cleanse</h3>	 <h3>Restore</h3>
 <ul style="list-style-type: none"> <li>■ Form a protective layer on the skin</li> <li>■ Help to prevent the penetration of contaminants</li> <li>■ Make skin easier to clean</li> </ul>	 <ul style="list-style-type: none"> <li>■ Removes harmful contaminants and irritants</li> <li>■ Helps prevent occupational dermatitis</li> <li>■ Keeps skin in a healthy condition</li> </ul>	 <ul style="list-style-type: none"> <li>■ Help maintain the skin in a healthy condition</li> <li>■ Keeps skin soft and supple avoiding dryness</li> <li>■ Helps prevent occupational dermatitis</li> </ul>

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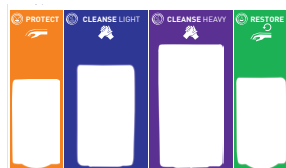
## Deb's range of essential products for industry:

<ul style="list-style-type: none"> <li>■ Stokoderm® Protect PURE</li> <li>■ Stokoderm® Sun Protect 30 PURE</li> </ul>	<ul style="list-style-type: none"> <li>■ Estesol® Lotion</li> <li>■ Solopol® Classic</li> </ul>	<ul style="list-style-type: none"> <li>■ Stokolan® Light Pure</li> <li>■ Stokolan® Classic</li> </ul>
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## Skin safety centres

A range of durable boards that are ready-assembled with appropriate Deb Stoko dispensers to create a complete skin care programme:

- Convenient
- Instructional
- Easy maintenance
- Robust and durable



## Mobile skin cradle

A unique skin safety solution for vehicles and areas of limited space

- Can be conveniently fitted inside vans or work cabins
- Dispenser unit to hold three cartridges to protect, cleanse and sanitise the skin



## Vital information

### Our tailored service incorporates:



- Site surveys to establish the site's hand hygiene and skin care requirements and ensure that appropriate products are installed where required.
- Annual audits to provide a maintenance check of the installed dispensers, to review the products in use and introduce any new products.
- Expert skin care and hand hygiene advice and technical support.

## Highest standards of behaviour



Through sector-focussed training and education, Deb's comprehensive support package drives behaviour change to improve hand hygiene and skin health.

FREE Skin Care Training	FREE Support Tools	FREE Awareness Materials
		
<p>Delivered on site by a Deb Skin Care Specialist.</p>	<p>Including Hand Washing &amp; Sanitise Technique posters, Personal Issue Cards and How-To videos.</p>	<p>For helping reinforce and remind employees of importance of hand hygiene.</p>





**Sunscreen Stokoderm® Sun Protect 30 PURE**

SPF 30 provides 30 times the skin's normal protection against the sun's UVB rays. Conforms to European Recommendation for UVA protection. Provides 35 times the skin's normal protection against UVC rays. Quickly and easily absorbed- encourages regular use and does not affect dexterity with hand held tools. Perfume-free.



Volume ml	Packaging	Suitable for	Article Number
100	Box of 12 x 100ml		W22A-50093
1000	Box of 6 x 1lt	Dispenser SUN1LDSEN	W22A-14564



**Sunscreen Stokoderm® Sun Protect 50+**

SPF 50+ is the highest EU protection category against UVB. Conforms to European Recommendation for UVA protection. Spray format- quick to absorb and easy to apply. High level water resistance- withstands heavy perspiration or immersion in water.



Volume ml	Packaging	Article Number
200	Box of 6 x 200ml	W22A-50096

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**Pre-work cream Stokoderm Protect PURE**

Universal protection against light to moderate water and non-water based contaminants. Highly effective film forming agent know to repel water based substances from the skin. Sits in the skin pores to prevent them from becoming blocked by oil-based substances. Non-tainting and HACCP assessed formula- suitable for use in food production and preparation areas. Perfume-free.



Volume ml	Packaging	Suitable for	Article Number
100	Box of 12 x 100ml		W22A-50090
1000	Box of 6 x 1lt	Dispenser PRO1LDSEN	W22A-14566



**Cleanse Refresh™ Clear FOAM**

Highly quality smooth foamleaves skin fresh after use. Perfume-free, dye-free and hypoallergenic formulation. Contains Glycerin- a skin moisturiser.



Volume ml	Packaging	Suitable for	Article Number
250	Box of 6 x 250ml		W22A-50097
1000	Box of 6 x 1l	Dispenser WRM1LDSEN	W22A-14536
2000	Box of 4 x 2l	Dispenser WRM2LDPEN	W22A-14537



### Cleanse Refresh® Azure FOAM

Highly quality smooth foamleaves skin fresh after use. Contains Glycerin- a skin moisturiser to help improve skin hydration and prevent drying, leaving the skin feeling smooth and firm after use.



Volume ml	Packaging	Suitable for	Article Number
1000	Box of 6 x 1l	Dispenser WRM1LDSEN	W22A-14533
2000	Box of 4 x 2l	Dispenser WRM2LDPEN	W22A-14534



### Cleanse Kresto® Classic

Contains a specialist solvent- proven to be toxicologically safe for the skin and has excellent cleansing properties. Contains Eucornol®emulsifying active- increases the performance of the product to remove contaminants from the skin and reduce the risk of irritation. Contains patented Astopon®natural scrubbing agent- helps provide a deep clean without damaging the skin or harming the environment .



Volume ml	Packaging	Suitable for	Article Number
2000	Box of 4 x 2l	Dispenser HVY2LDPEN	W22A-50098
4000	Box of 4 x 4l	Dispenser HVY4LDREN	W22A-50099

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### Cleanse Solopol® Classic PURE

SolopolClassic PUREis a perfume- and dye-free hand cleanser for removal of heavy contamination. For use in industrial and food industry environments to remove heavy soiling. Highly effective solvent free formula- specially formulated with mild, skin friendly ingredients. Non tainting and HACCP assessed formula- suitable for use in food production and preparation areas. Ideal for frequent use. Contains Aloe Vera- known for its skin soothing propertie. Contains Eucornol- emulsifying active increases the performance of the product. Contains patented Astoponnatural scrubbing agent- helps provide a deep clean.



Volume ml	Packaging	Suitable for	Article Number
2000	Box of 4 x 2l	Dispenser HVY2LDPEN	W22A-50078
4000	4 x 4l soft bottle	Dispenser HVY4LDREN	W22A-50102



### Cleanse Solopol® Classic EXTRA

Highly effective solvent free formula. Contains emollientsto leave the skin feeling smooth and firm after hand washing. Ideal for frequent use. Contains Eucornol®- emulsifying active increases the performance of the product to remove contaminants from the skin and reduce the risk of irritation. High level of surfactant- provides extra cleansing power to help remove extremely heavy contaminants. Contains Aloe Vera- known for its skin soothing properties.



Volume ml	Packaging	Suitable for	Article Number
2000	Box of 4 x 2l	Dispenser HVY2LDPEN	W22A-50077
4000	Box of 4 x 4l	Dispenser HVY4LDREN	W22A-50094



**Cleanse Kresto® Citrus**

Powerful and versatile formula effectively removes a wide range of deeply ingrained and difficult to remove soiling. Orange oil extract quickly cuts through soils to make hand washing quicker and easier. Contains cornmeal scrubbing agent- natural, non-abrasive and biodegradable. Contains skin conditioners such as Jojoba Oil and Wheat Germ Oil.



Volume ml	Packaging	Suitable for	Article Number
2000	Box of 4 x 2l	Dispenser ULT2LDPEN	W22A-14550
4000	Box of 4 x 4l	Dispenser ULT4LDREN	W22A-14551



**Cleanse Solopol® Lime**

Works rapidly and effectively to remove a range of everyday ingrained industrial soiling. Contains cornmeal scrubbing agent- natural, non-abrasive and biodegradable. Contains Wheat Germ Oil- a skin conditioning agent with Vitamin E and essential fatty acids to help nourish and rejuvenate the skin



Volume ml	Packaging	Suitable for	Article Number
2000	Box of 4 x 2l	Dispenser HVY2LDPEN	W22A-14612
4000	Box of 4 x 4l	Dispenser HVY4LDREN	W22A-14614

9



**Cleanse Estesol® Lotion PURE**

Perfume-free, dye-free reduces potential for allergic reaction and skin irritation. Non tainting and HACCP assessed formula- suitable for use in food production and preparation areas. Contains a mild, yet effective blend of cleansing agents. Suitable for frequent use to remove general workplace dirt and grime.



Volume ml	Packaging	Suitable for	Article Number
1000	Box of 6 x 1l	Dispenser LGT1LDSEN	W22A-14618
2000	Box of 4 x 2l	Dispenser LGT2LDPEN	W22A-14619
4000	Box of 4 x 4l	Dispenser LGT4LDREN	W22A-14620



**Restore Stokolan® Classic**

Enriched skin conditioning formula. Restores skin barrier. Contains pharmaceutical Lanolin- a natural lipid known for its excellent moisturising and skin nourishing properties. Non tainting and HACCP assessed formula- suitable for use in food production and preparation areas.



Volume ml	Packaging	Suitable for	Article Number
1000	Box of 6 x 1lt	Dispenser RES1LDSEN	W22A-50095



### Restore Stokolan® Light PURE

Non-greasy, light formula- designed for normal skin to quickly absorb and encourage regular use. Contains Glycerin for moisturising. Contains Shea Butter for its excellent skin soothing properties. Perfume-free and dye-free formulation. Non tainting and HACCP assessed formula- suitable for use in food production and preparation areas.



Volume	Packaging	Suitable for	Article Number
ml			
1000	Soft bottle	Dispenser RES1LDSEN	W22A-14569



### Restore Stokolan® Sensitive PURE

Enriched skin conditioning formula- specially formulated to nourish, hydrate and soothe sensitive skin. Perfume-free and dye-free. Rich in moisturisers- high levels of Glycerin and Urea supports the skin's own moisture system. Non tainting and HACCP assessed formula- suitable for use in food production and preparation areas.



Volume	Packaging	Suitable for	Article Number
ml			
1000	Box of 6 x 1lt	Dispenser RES1LDSEN	W22A-50085



### Sanitise InstantFOAM® Complete

Complete broad spectrum activity- highly effective bactericidal (EN1500), virucidal (EN14476), yeasticidal (EN1650) and mycobactericidal (EN14348) activity. Kills 99.999% of many common germs. Instant foam action- providing user with complete control of the product, preventing dripping and splashing. Independently tested and proven to prevent skin dryness even after frequent use. Non tainting and HACCP International Certified- suitable for use in food production and preparation areas. Contains moisturisers to help prevent skin dryness.



Volume	Packaging	Suitable for	Article Number
ml			
1000	Box of 6 x 1l	Dispenser SAN1LDSEN	W22A-14413



### Hair & Body wash Estesol®

Refreshing and invigorating fragrance with no lingering scent. Contains a mild, yet effective blend of cleansing agents- suitable for frequent use. Contains moisture-binding emollients- leaves the skin feeling more comfortable, hydrated and supple.



Volume	Packaging	Suitable for	Article Number
ml			
1000	Box of 6 x 1l	Dispenser SHW1LDSEN	W22A-14609
2000	Box of 4 x 2l	Dispenser SHW2LDPEN	W22A-14610



### Dispenser Stoko Sun Protect

Dispenser for 1L Stoko Sun Protect



Model	Reservoir capacity	Article Number
	ml	
SUN1LDSEN	1,000	W22A-14573





**Dispenser Stokoderm Protect PURE**  
Dispenser for Stokoderm Protect PURE 1L



Model	Reservoir capacity ml	Article Number
PRO1LDSEN	1,000	W22A-14555



**Dispenser Stoko Cleanse Light**  
Dispensers for 1L, 2L, and 4L Stoko Cleanse Light.



Model	Reservoir capacity ml	Article Number
LGT1LDSEN	1,000	W22A-14547
LGT2LDPEN	2,000	W22A-14548
LGT4LDREN	4,000	W22A-14549

9



**Dispenser Stoko Cleanse Washroom**  
Dispensers for 1L, and 2L Stoko Cleanse Washroom.



Model	Reservoir capacity ml	Article Number
WRM1LDSEN	1,000	W22A-14627
WRM2LDPEN	2,000	W22A-14628



**Dispenser Stoko Cleanse Heavy**  
Dispenser for 2L or 4L cartridge of Stoko Cleanse Heavy.



Model	Reservoir capacity ml	Article Number
HVY2LDPEN	2,000	W22A-14541
HVY4LDREN	4,000	W22A-14542



### Dispenser Stoko Cleanse Antimicrobial

Antimicrobial dispenser suitable for most 1L Deb-Stoko cartridges (not products containing scrub). Ideal for food manufacturing and preparation areas.



Model	Reservoir capacity	Article Number
	ml	
ANT1LDSEN	1,000	W22A-14527



### Dispenser Stoko Cleanse Ultra

Dispensers for 2L, and 4L Stoko Cleanse Ultra



Model	Reservoir capacity	Article Number
	ml	
ULT2LDPEN	2,000	W22A-14603
ULT4LDREN	4,000	W22A-14604



### Dispenser Stoko Restore

Dispenser for 1L Stoko Restore



Model	Reservoir capacity	Article Number
	ml	
RES1LDSEN	1,000	W22A-14567



### Dispenser Stoko Sanitise

Dispenser for 1L Stoko Sanitise



Model	Reservoir capacity	Article Number
	ml	
SAN1LDSEN	1,000	W22A-50045



### Dispenser Stoko Cleanse Shower

Dispensers for 1L, 2L, and 4L Stoko Cleanse Shower



Model	Reservoir capacity	Article Number
	ml	
SHW1LDSEN	1,000	W22A-14570
SHW4LDREN	4,000	W22A-14572
SHW2LDPEN	2,000	W22A-14571



## Spill control

Made from melt blown Polypropylene, adsorbents are a high quality, high performance workplace spill control and adsorbent solution.

Products are available for general maintenance use in factories, workshops, and manufacturing industry where there is a general requirement for a clean workplace. In outdoor situations, where oil and other liquids must be controlled, Provide an oil and fuel solution. This is a hydrophobic product which will not adsorb water. For incidents, and day-to-day situations involving chemicals and solvents, the chemical range provides an instantly recognisable and complete solution. For ease of use, products are available as Pads, Sheets, Rolls, Socks, Pillows, Booms and specially created Spill Kits.

The Bio-Bacterial cleaners are a revolutionary approach to cleaning oil-contaminated surfaces. A combination of bacteria and enzymes that literally eat the oil with a clean surface as a result. The Secondary Retention range helps to comply with UK environmental regulations imposed to protect the environment.



## Why Melt Blown Polypropylene Sorbents?

### What is Melt Blown Polypropylene?

Melt Blown Polypropylene (MBPP) is an oil derivative that has the ability to be both oleophilic and hydrophobic.

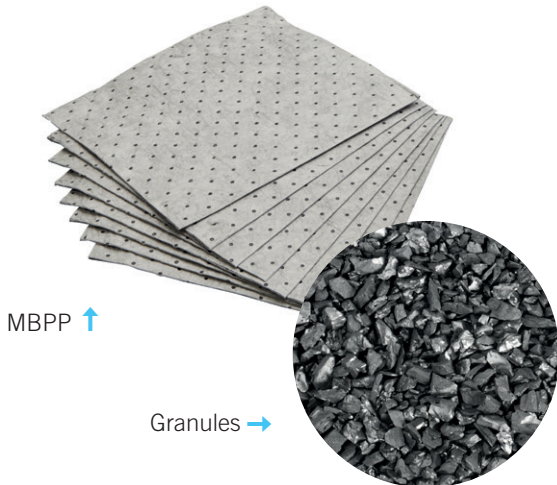
MBPP offers many advantages. Benefits you can translate into:

- Cost-savings
- Increased Productivity
- Increased Safety

### Advantages

#### 1. Higher adsorption capacity

- MBPP adsorbs up to 25 x its own weight:  
e.g. to adsorb 10 L, it will take approx.  
8.5 pads @ 64/g pad = 544 g
- Granules adsorb 1x its own weight  
e.g. to adsorb 10L, it will take approx.  
10 kg @ 1 kg/L = 10 kg



#### 2. Reduced adsorption time

- MBPP adsorbs immediately
- Granules takes more time to absorb



#### 3. Clean versus dirty



Granules ↑



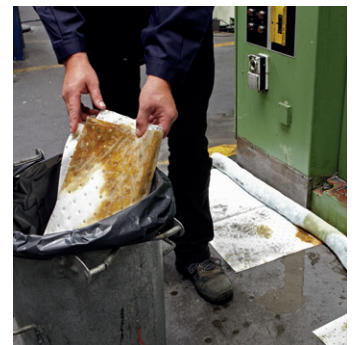
MBPP ↑

#### 4. Easy to clean

- With MBPP it's easy to clean
- Working with granules is difficult and labour intensive



Granules ↑



MBPP ↑

### 5. Preventive and reactive

- MBPP can be used in a preventive and reactive way
- Granules are only used reactively



### 6. Safe for man, machine and environment

#### MBPP

- No health risks
- No risk of damaging machinery
- After incineration, 0.02% residue

#### Granules

- Potential health risks due to dust and silicates
- Can cause severe damage to machinery

### 7. Granules versus MBPP (Spill 200L)

	Granules	MBPP
Consumption	200 kg	10.66 kg
Costs/kg	£0.31/kg	£10.93/kg
Total kg waste	400 kg (200 kg + 200L)	210.66 kg (10.66 kg + 200L)
Waste costs	£382.00	£285.04
	(£62.00 + £320.00)	(£161.05 + £168.53)
<i>All cost are approximate and are for illustration purposes only</i>		

This shows a saving of over 25%!  
Labour, etc. not included!

### 8. Steps to control a spill

- 1 Identify what type of liquid has been split
- 2 If spill is too large to handle, notify all relevant parties (fire brigade, safety manager, environmental officer, etc)
- 3 Make sure that correct PPE is worn
- 4 Identify the source of the spill and use minibooms to surround and contain spill. Prevent further spreading of leakage into drains
- 5 Use appropriate types of sorbents to adsorb liquids
- 6 Dispose of as contaminated waste, in appropriately labelled waste bags
- 7 Replenish kit with absorbent materials and other safety equipment
- 8 Review procedures and contingency plans





### Oil-only adsorbent pad PERFORM+

PERFORM+ Oil-only triple layer pads. Adsorbs petroleum based liquids and repels water. Spunbond cover on both sides gives superior strength and high abrasion resistance. Packed in a sturdy dispenser box for easy handling. Dimple bonded which speeds wicking of liquid for faster, easier clean-up. Virtually lint-free.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	0.46	120	100 Pads/dispenserbox	W94L-50063
0.41	0.46	154	200 Pads/dispenserbox	W94L-50074



### Oil-only absorbent roll PERFORM+

PERFORM+ H/W Oil-only triple layer adsorbent roll. Spunbond cover on both sides gives superior strength and high abrasion resistance when used in high traffic areas. Rolls are perforated down the centre as well as across the width minimizing waste. Narrow roll packed in a sturdy dispenser box for easy handling. Dimple bonded which speeds wicking of liquid for faster, easier clean-up and extra strength. Virtually lint-free.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	46	120	1 Roll/dispenserbox	W94L-50083
0.81	46	240	1 Roll/box	W94L-50094

10



### Oil absorption pad 1 layer

PERFORM Oil-only pads. Adsorbs petroleum based liquids and repels water. Packed in a sturdy dispenser box for easy handling. Dimple bonded which speeds wicking of liquid for faster, easier clean-up. Virtually lint-free.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	0.46	120	100 Pads/dispenserbox	W94L-50062
0.41	0.46	163	200 Pads/dispenserbox	W94L-50072



### Oil-only adsorbent roll PERFORM

PERFORM Oil-only H/W single layer roll. Adsorbs petroleum based liquids and repels water. Cost effective solution to cleaning up oil spills, leaks and drips. All Rolls are perforated down the centre as well as across the width, minimizing waste. Dimple bonded which speeds wicking of liquid for faster, easier clean-up. Dimples add extra strength.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	46	240	2 rolls/bag	W94L-50084
0.81	46	240	1 Roll/bag	W94L-50092



**Oil-only adsorbent sock**

Oil-only socks can be shaped around leaky machinery or drums. Can be used during clean-up of smaller oil spills on water. Ideal for use in order to surround and contain liquids during a land spill. Adsorbs petroleum based liquids and repels water making them ideal for outside use.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.076	1.22	85	15 socks/box	W94L-50068
0.076	3.05	85	6 socks/box	W94L-50079



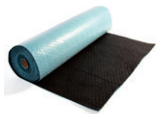
**Oil-only adsorbent pillow**

Oil-only Pillow. Ideal for soaking larger spills concentrated to one specific area. Can also be used during clean-up of smaller spills on the water. Ideal for putting under leaky pipes, gaskets or other leaking equipment. Adsorbs petroleum based liquids and repels water.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.46	0.46	78	10 pillows/box	W94L-50087

10



**Oil-only adsorbent track mat poly-backed**

Oil-only track mat. Heavy-duty poly backing prevents leaking of liquids onto the floor 3-layer construction gives high durability. Top layer gives UV protection, resulting in increased product life. Can be used for many applications - Factories/warehouses with high foot traffic.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
1.47	24.4	230	1 Mat/bag	W94L-50057



**Oil-only adsorbent sweep**

Oil-only sweep with reinforced nylon rope. Made from 100% Melt Blown Polypropylene for high adsorption. Can be used between two boats in order to clean up oil sheen off water. Can be fixed to shoreline for easy clean-up of cliffs/stones/beach area. Nylon strap allows for connection of multiple sweeps. Ideal for use during closing stages of oil spill clean-ups. Flexible nature of sweep makes it ideal solution for smaller clean-ups on rivers where current may be a factor.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	30	80	1/bag	W94L-50059





### Oil-only adsorbent boom

Oil-only adsorbent booms. High retention of oil due to inner sleeve. Can be linked to make longer booms. Ideal for use during clean-up of oil spills on water, but can be used on land for temporary barrier during oil spills. Inner lining prevents filling from leaking during clean up. Adsorbs petroleum based liquids and repels water.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.13	3	135	4 booms/bag	W94L-50070
0.2	3	269	4 hoses/bag	W94L-50073



### Universal adsorbent pads PERFORM+

PERFORM+ Universal triple layer pads 41cmx46cm. Adsorbs petroleum based and other liquids. Spunbond cover on both sides gives superior strength and high abrasion resistance. Packed in a sturdy dispenser box for easy handling. Dimple bonded which speeds wicking of liquid for faster, easier clean-up. Virtually lint-free.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	0.46	120	100 Pads/dispenserbox	W94L-50050
0.41	0.46	154	200 Pads/dispenserbox	W94L-50071

10



### Universal adsorbent roll PERFORM+

PERFORM+ Universal H/W triple layer roll. Adsorbs petroleum based and other liquids. Cost effective solution to cleaning up oil spills, leaks and drips. All Rolls are perforated down the centre as well as across the width, minimizing waste. Dimple bonded which speeds wicking of liquid for faster, easier clean-up and extra strength.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	46	240	1 Roll/dispenserbox	W94L-50081
0.81	46	240	1 Roll/box	W94L-50091



### Universal adsorbent pads PERFORM

PERFORM Universal single layer pads are static resistant giving greater safety when handling flammable liquids. Adsorbs most industrial liquids (oil-based as well as water based). Dimple bonded which speeds wicking of liquid for faster, easier clean-up and extra strength. Packed in a sturdy dispenser box for easy handling.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	0.46	120	100 Pads/dispenserbox	W94L-50056
0.41	0.46	163	200 Pads/dispenserbox	W94L-50069



### Universal adsorbent roll PERFORM

PERFORM Universal H/W single layer roll. Adsorbs petroleum based and other liquids. Cost effective solution to cleaning up oil spills, leaks and drips. All Rolls are perforated down the centre as well as across the width, minimizing waste Dimple bonded which speeds wicking of liquid for faster, easier clean-up. Dimples add extra strength.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	46	240	1 Roll/bag	W94L-50082
0.81	46	240	2 rolls/bag	W94L-50089

### Universal adsorbent sock

Universal socks can be shaped around leaky machinery or drums. Adsorbs petroleum based and other liquids



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.076	1.22	85	15 socks/box	W94L-50065
0.076	3.05	85	6 socks/box	W94L-50078

### Universal adsorbent pillow

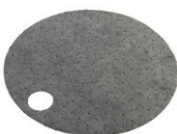
Universal pillow. Ideal for soaking larger spills concentrated to one specific area. Ideal for putting under leaky pipes, gaskets or other leaking equipment. Adsorbs petroleum based and other liquids.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.46	0.46	78	10 pillows/box	W94L-50085

### Universal adsorbent drum top cover

Drum top cover. Adsorbs and retains oil, water, solvents, coolants, etc. Place on drum tops to soak up pump drips and keep work areas neat and clean. Pre-cut hole to provide a perfect fit.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.56	0.46	50	25 pc/box	W94L-50009

10

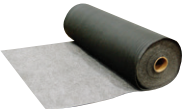


### Universal adsorbent rug

Adsorbent rug. Made from adsorbent needle punched polypropylene. Extremely strong construction allows for both walking and driving on. Adsorbs petroleum based as well as water based liquids. Ideal for putting in walkways or around machinery with heavy traffic.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.91	30.5	127	1 Roll/bag	W94L-50033



### Universal adsorbent rug poly-backed

Universal Mat. Made from adsorbent needle punched polypropylene. Anti-slip backing for use on slippery floors. Impermeable backing to protect floors. Extremely strong construction allows for both walking and driving on. Adsorbs petroleum based as well as water based liquids. Ideal for putting in walkways or around machinery with heavy traffic.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.91	3.05	230	1 Roll/bag	W94L-50003



### Chemical adsorbent pads PERFORM+

PERFORM+ Chemical H/W pads. Designed to adsorb chemicals and other hazardous liquids. Ideal for use in laboratories, hospitals and chemical storage areas. Spunbond on one side provides added strength and minimizes linting. Packed in a sturdy dispenser box for easy handling. Yellow colour stands out during a spill thus providing a "caution" warning. Pads are static-resistant giving greater safety when handling flammable liquids.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	0.46	134	100 Pads/dispenserbox	W94L-50058



### Chemical adsorbent roll PERFORM+

PERFORM+ Chemical H/W double layer roll. Adsorbs petroleum based and other liquids. Cost effective solution to cleaning up oil spills, leaks and drips. All Rolls are perforated down the centre as well as across the width, minimizing waste. Dimple bonded which speeds wicking of liquid for faster, easier clean-up and extra strength.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.41	46	134	1 Roll/dispenserbox	W94L-50080
0.81	46	267	1 Roll/bag	W94L-50090

10

### Chemical adsorbent sock

Chemical socks can be shaped around leaky machinery or drums. Adsorbs petroleum based and other liquids



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.076	1.22	85	15 socks/box	W94L-50066
0.076	3.05	85	6 socks/box	W94L-50075

### Chemical adsorbent pillow

Chemical Pillow. Ideal for soaking up larger spills concentrated to one specific area. Ideal for use with chemicals and other aggressive liquids.



Width	Length	Adsorption Capacity	Packaging	Article Number
m	m	l		
0.43	0.46	78	10 pillows/box	W94L-50086

10

### Spill kit for battery acid

Battery Acid spill kit. Contains battery acid wipes formulated to clean and neutralize battery acid and remove corrosion from terminals. KOLOR-SAFE system let's you know when the acid is neutralized. Ideal locations include garages, forklift storage areas, battery storage areas etc.



Adsorption Capacity	Suitable for liquids	Article Number
l		
27	Chemical	W94L-50093

### Spill kit portable 30

Small portable spill kits are supplied in a handy vinyl shoulder bag. Ideal for storing near areas where small spills are possible. Contains 20 pads; 2 socks (7.6cmx122cm); 1 disposal bag.



Adsorption Capacity	Suitable for liquids	Article Number
l		
30	Oil-only	W94L-50112
30	Universal	W94L-50111
30	Chemical	W94L-50110

### Spill kit portable 50

Large portable spill kits are supplied in a handy vinyl shoulder bag. Ideal for storing near areas where small spills are possible. Contains 30 pads; 2 socks (7.6cmx122cm); 2 disposal bag.



Adsorption Capacity	Suitable for liquids	Article Number
l		
50	Oil-only	W94L-50115
50	Universal	W94L-50114
50	Chemical	W94L-50113



### Spill kit mobile 130

130 mobile spill kits are supplied in highly visible yellow wheeled bins for quick and easy deployment to the source of a spill. Contains 50 H/W pads; 8 socks (7.6cmx122cm); 4 pillows; 5 disposal bag; wet wipes; floor sign; barrier tape.



Adsorption Capacity	Suitable for liquids	Article Number
I		
130	Oil-only	W94L-50102
130	Universal	W94L-50100
130	Chemical	W94L-50098



### Spill kit mobile 250

250 mobile spill kits are supplied in highly visible yellow wheeled bins for quick and easy deployment to the source of a spill. Contains 150 H/W pads; 4 socks (7.6cmx305cm); 4 pillows; 10 disposal bag; wet wipes; floor sign; barrier tape.



Adsorption Capacity	Suitable for liquids	Article Number
I		
250	Oil-only	W94L-50108
250	Universal	W94L-50106
250	Chemical	W94L-50104



### Spill tray

Spill trays are ideal for storing small containers of fluid. Made from tough polythene.



10



Capacity	Length	Width	Height	Model	Article Number
I	mm	mm	mm		
27.5	550	550	110	1 Can	W94L-50005
27.5	715	460	110	2 Can	W94L-50004
100	920	720	175	4 Can	W94L-50002

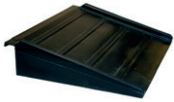


### Spill flooring

Polyethylene low profile drum sump floor. Only 150 mm high moulded from medium density polyethylene that can be used as a stand-alone unit or combined with others to create unlimited bunded areas. Units can be joined together with plastic connectors.



Capacity	Length	Width	Height	Model	Article Number
I	mm	mm	mm		
130	1260	860	150	2 Drum	W94L-50054
300	1660	1260	150	4 Drum	W94L-50048
300	2610	895	150	4 drum in a line	W94L-50061



### Spill flooring ramp

Polyethylene floor ramp can be used to aid access to spill flooring.



Length	Width	Height	Model	Article Number
mm	mm	mm		
650	800	160	Ramp	W94L-50030



### Sump pallet for drum storage

Spill pallets are manufactured from medium density polyethylene (MDPE). Complies with the guidelines issued by the Environment Agencies (PPG26) and The Oil Storage Regulations. Robust. Broad range chemical compatibility. Injection moulded removable plastic mesh deck.



Capacity	Length	Width	Height	Model	Article Number
l	mm	mm	mm		
240	1220	820	330	2 Drum	W94L-50034
410	1310	1310	370	4 Drum	W94L-50032
230	1280	1280	275	4 drum low profile	W94L-50038
114	2560	1350	510	8 Drum	W94L-50043

10



### Sump pallet IBC storage

Large capacity IBC spill pallet. Built-in dispensing area. Manufactured from Medium Density Polyethylene (MDPE). Suitable for use with most common sizes of intermediate bulk container (IBC). Complies with sump capacity regulations. Broad range chemical compatibility. Rugged enough to withstand constant use. Support columns moulded into the unit (instead of a removable deck).



Capacity	Length	Width	Height	Model	Article Number
l	mm	mm	mm		
1100	2065	1445	705	1 IBC	W94L-50041
1150	2340	1360	520	2 IBC	W94L-50045



### Drain seal polyurethane

Drain Seal Plus 61cmx61cm. Urethane layer keeps spills from entering drains. Excellent for use in parking areas, loading docks and other areas where drains may be at risk from traffic spills. Flexible, non-absorbing bottom layer is reinforced with tear resistant mesh. A valuable addition to any emergency response plan or spill kit.



Width	Length	Article Number
mm	mm	
610	610	W94L-50006



**Drain Seal wall mounting storage unit**

Wall mounted Drain Seal storage box. Allows quick response to any spill — just “grab and go”! Made of durable polyethylene. Hook and loop strap allows quick and easy access. Non-slip handle for easy carrying. Mounting hardware included.



	<b>Article Number</b>
	W94L-50007



**Drip diverter**

Catch roof leaks and divert them away from offices and equipment. Large, vinyl-coated fabric catches roof leaks and channels them via a standard hose connector. Hose can be directed to proper drainage point. Heavy-duty grommets in each corner make installation quick and easy. Keep fluid leaks off the floor - eliminate slip hazards and chemical exposure.



<b>Width</b>	<b>Length</b>	<b>Article Number</b>
mm	mm	
2100	2100	W94L-50031

10



**Mobile retention pool**

Pop-up retention pool instantly expands to capture leaks from saddle tanks, pipes, hydraulic lines and many other industrial incidents. Unique, patented design - foam ring rises with level of liquid to raise sidewalls. Excellent chemical resistance, including diesel fuel, antifreeze, acids, caustics and corrosives. Excellent for response to damaged saddle tanks and crossover lines, hazmat spills, leaking containers, machinery and piping,



<b>Adsorption Capacity</b>	<b>Width</b>	<b>Length</b>	<b>Article Number</b>
l	mm	mm	
250	1347	1067	W94L-50027
568	1626	1930	W94L-50029



**Mobile retention pool storage unit**

Pop-up retention pool storage unit. Durable, all-polyethylene construction will resist harsh weather effects.



	<b>Article Number</b>
	W94L-50028





### Bio Cleaner for hard surfaces

Bio Hard Surface cleaner. Biological oil stain remover that rapidly removes and digests oil stains on hard surfaces and porous block-work. For use in removing oil contamination from driveways, road surfaces, forecourts, industrial floors and oil contaminated equipment. Contains a blend of biological bacteria (Type 1 Euro approved) and enzymes, together with a naturally occurring solvent. Please note: not suitable for use on tarmac or asphalt – ERIKS recommends the use of Bio Asphalt.



Volume	Water-soluble	Article Number
1		
5	1	W94L-50096



### Bio Cleaner for asphalt

Bio Asphalt cleaner. A highly effective biological approach to the removal of oil stains on tarmac or asphalt. Will not erode or degrade tarmac or asphalt surfaces. Contains a blend of biological bacteria (Type 1 Euro approved) and enzymes, together with biodegradable surfactants.



Volume	Water-soluble	Article Number
1		
5	1	W94L-50095



### Biological water based universal degreaser

Bio degreaser. General purpose workshop degreaser and traffic film remover. Great for removing heavy oil contamination from engineering components, motors, pumps and valves. Effective for removing oil contamination from workshop floors. Can be used in steam cleaners as a traffic film remover. Contains a blend of biodegradable surfactants designed to reduce the surface tension of the contaminating oil allowing surfaces to be rinsed clean oil and film free.



Volume	Water-soluble	Article Number
1		
20	1	W94L-50000



### Bio spray degreaser

Bio spray. A spray-on biological degreaser. Quick action on all types of oil contamination. Biological. 0% VOC. Hazard label free. Ideal for: Bench-top cleaning of oil contaminated parts, degreasing walkways, hand rails, valves and machinery. Contains A blend of biological enzymes and natural solvents.



Volume	Water-soluble	Article Number
1		
0.5	0	W94L-50001



## Site safety

Pictograms, signs and marking systems are indispensable tools for protecting employees and visitors against a range of threats within a particular building or area. Clearly displayed safety signage undoubtedly helps to raise awareness of potentially dangerous situations and objects. Using the appropriate kind of pictograms and pipe marking in the right places can easily help to avoid accidents.

Lockout-tagout avoids machines from unexpectedly being turned on or moved or substances from being released.

There are also certain situations in which a particular area needs to be cordoned off. This can be done using demarcation poles, caution ribbon or warning tape...

Please do not hesitate to contact our product specialists for more information or an individual consultation.

## Lock-out Tag-out



Accidents – some even fatal, continue to occur when care is not taken to ensure equipment cannot be switched on when work is still being carried out. LOTO is a must for ensuring worker safety when working on mechanical and electrical applications. Brady offers a broad range of lockout devices and tagouts for valves, electrical units etc. Brady also covers other aspects of energy control programs by providing solutions for training employees and creating documented procedures. Ask about LOTO kits, and customised shadow boards for every application.

Every Brady pipe marker material already comes with an arrow on each side of the marker. A perforated strip makes it easy to tear off the arrow you do not require. Brady thermal transfer printers can help you create your pipe marker on site and apply it immediately to identify both the substance in the pipe, and the direction it flows in. Brady pipe markers are also available in pre-printed versions.

## Safe & Lean: TOUGHSTRIP™ Floor Marking



Mark traffic lanes, rotation angles, areas around machines, storage areas and walkways in your facility using quality floor marking. Not only can it help you increase safety, you can also take a big step forward in lean manufacturing, increasing efficiency and productivity by clearly identifying your workflow.

ToughStripe identifies specific areas for years to come, unless intentionally removed. Its specialty adhesive ensures it will stick to most surfaces. ToughStripe is available in various colours.

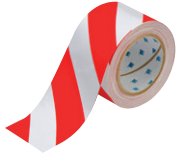
## Pipe markers



### Identify the flow of hazardous fluids

By clearly identifying the substances flowing through pipes in your facility, your co-workers can better assess risks and avoid accidents. Well identified pipes also support maintenance and intervention teams.

Brady offers pipe markers in a range of quality materials, able to resist the fluids they identify and general harsh conditions. All Brady pipe markers can carry internationally recognised GHS/ CLP symbols when required. Combined with specialty adhesives, Brady markers will identify your pipes for years.



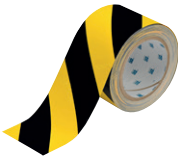
**Tape floor marking TOUGHSTRIPETM Red/White**

TOUGHSTRIPETM floor marking products have been made from Brady polyester B-514. Ideal for marking paths, hallways, and storage locations and shows you the way to safety facilities and escape routes.



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width	Length	Article Number
	mm	m	
Red/white	50.8	30	W15D-53950
Red/white	76.2	30	W15D-53960
Red/white	101.6	30	W15D-53970



**Tape floor marking TOUGHSTRIPETM Black/Yellow**

TOUGHSTRIPETM floor marking products have been made from Brady polyester B-514. Ideal for marking paths, hallways, and storage locations and shows you the way to safety facilities and escape routes.



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width	Length	Article Number
	mm	m	
Yellow-black	50.8	30	W15D-53949
Yellow-black	76.2	30	W15D-53959
Yellow-black	101.6	30	W15D-53969



**Tape floor marking TOUGHSTRIPETM Yellow**

TOUGHSTRIPETM floor marking products have been made from Brady polyester B-514. Ideal for marking paths, hallways, and storage locations and shows you the way to safety facilities and escape routes.



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width	Length	Article Number
	mm	m	
Yellow	50.8	30	W15D-53944
Yellow	76.2	30	W15D-53954
Yellow	101.6	30	W15D-53964



**Diecut shape L-shape yellow**

Diecut shape L-shape corner piece yellow. Ideal for marking paths, hallways, and storage locations and shows the way to safety facilities and escape routes. Suitable for most solid floors. 20 pieces per box



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width	Length	Article Number
	mm	m	
Yellow	127	0.05	W15D-54005
Yellow	76.2	0.203	W15D-54017
Yellow	101.6	0.254	W15D-54029





### Diecut shape Dots yellow

Diecut yellow dots on a roll, 89mm dia. Ideal for marking paths, hallways, and storage locations and shows the way to safety facilities and escape routes. Suitable for most solid floors. Pack of 300



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width mm	Article Number
Yellow	88.9	W15D-53975



### Diecut shape footprint yellow

Diecut yellow footprints 254 x 89 mm. Ideal for marking paths, hallways, and storage locations and shows the way to safety facilities and escape routes. Suitable for most solid floors. Pack of 10 (5 left + 5 right).



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width mm	Length m	Article Number
Yellow	88.9	0.254	W15D-53981



### Diecut shape arrow yellow

Diecut yellow arrows. Ideal for marking paths, hallways, and storage locations and shows the way to safety facilities and escape routes. Suitable for most solid floors. 100 arrows per box.



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width mm	Length m	Article Number
Yellow	50.8	0.127	W15D-53987
Yellow	76.2	0.203	W15D-53993
Yellow	101.6	0.254	W15D-53999



### Diecut shape T-shape corner yellow

Diecut shapes T-shape corner yellow. Ideal for marking paths, hallways, and storage locations and shows the way to safety facilities and escape routes. Suitable for most solid floors. 20 corner pieces per box.



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width mm	Length m	Article Number
Yellow	76.2	0.203	W15D-54023
Yellow	101.6	0.254	W15D-54035
Yellow	50.8	0.127	W15D-54011



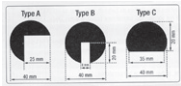
### Diecut shape cross-piece yellow

Diecut yellow cross-piece. Ideal for marking paths, hallways, and storage locations and shows the way to safety facilities and escape routes. Suitable for most solid floors. 20 cross pieces per box.



**Material** Polyester with Polyester Overlamineate  
**Thickness** 0.2 mm

Colour	Width mm	Length m	Article Number
Yellow	50.8	0.127	W15D-54041
Yellow	76.2	0.203	W15D-54047
Yellow	101.6	0.254	W15D-54053



### Bumpers polyurethane yellow/black

Bumpers in yellow/black in flexible and firm styrofoam, length 1m. To be secured with adhesive.



Shape	Width	Height	Article Number
	mm	mm	
A	40	1000	W15D-58544
B	40	1000	W15D-58546
C	40	1000	W15D-58548



### Post PE + base yellow/black 90 cm

Ideal for controlling and directing foot traffic. Suitable for warehouses, factories, offices etc. Chains and ribbons can be attached to the sturdy 900 mm posts. Packs of 4 posts with circular fillable base, or post with triangular cement base.



Model	Colour	Length	Width	Article Number
		cm	mm	
Fillable base	Yellow-black	90	40	W15D-60065
Concrete base	Yellow-black	90	40	W15D-60348



### Warning chain PE

Made of durable polyethylene, Bradylink Warning Chains are a decorative alternative to metal chains (note: chains are not intended to support heavy objects). Chains are colour coded to match our Bradylink Warning Posts. Supplied in 25m packs.



Colour	Length	Width	Article Number
	cm	mm	
Yellow-black	2500	28	W15D-60321
Yellow	2500	28	W15D-60322



### Lockout station for 36 locks

36-lock board. A successful lockout program begins with the right devices stored in the right places and our lockout station boards are the perfect solution to get you started. Tags, padlocks and hasps are not included.



Colour	Height	Width	Article Number
	mm	mm	
Yellow	546	597	W15D-52760



### Lockout Belt Pouch

Lockout belt bag. Put all lockout materials in the bag, having them close at hand for immediate use. 120x190x50mm.



Colour	Article Number
Red	W15D-52764



### Group lock box for wall mounting

Metal group lockout box for wall mounting. Small: 178.00x203.00x57.15mm for 7 padlocks. Large: 178.00x406.00x57.15mm for 12 padlocks.



Model	Colour	Article Number
Lock box for 7 padlocks	Red	W15D-54165
Lock box for 12 padlocks	Red	W15D-54166



### Group lock box with handle

For group lockout situations involving a large number of workers and equipment, lock boxes can offer a number of advantages over hasps. 13 lock holes on lid and can also be used as a lock storage box holding up to 40 padlocks. Slot in front allows keys to be inserted when box is locked. Ensure that no employee has access to the box unless all employees have personally removed their lock or tag. Size: 152.00x227.00x88.90mm.



Colour	Article Number
Blue	W15D-52690
Yellow	W15D-53302
Red	W15D-53312



### Lockout padlock nylon/alum

Nylon body/aluminium shackle. Compact Safety Padlocks are a lightweight range of padlocks suitable for energy isolation programs. Unique cylinder is insulated to protect workers from shocks when key is inserted and is 5-pin precision-machined for more unique key cuts and better tamper resistance. Reserved, paracentric keyway provides optimal security and the special design prohibits the key from being released until the padlock shackle is closed. Locks are compact and lightweight and resist impact, temperature, chemicals and corrosion. Their non-conductive, non-sparking body features a ribbed design for easier gripping and handling. 1 key supplied with each lock. Key retaining (Key won't release until the padlock shackle is securely closed). Custom keying and charting is available. 6pcs per box, keyed to differ.



Colour	Lock width	Shackle diameter	Shackle width	Article Number
	mm	mm	mm	
Blue	32	4.7	26	W15D-63555
Black	32	4.7	26	W15D-63556
Red	32	4.7	26	W15D-63557
Yellow	32	4.7	26	W15D-63558
Green	32	4.7	26	W15D-63559
Orange	32	4.7	26	W15D-63560
Brown	32	4.7	26	W15D-63561
Purple	32	4.7	26	W15D-63562
White	32	4.7	26	W15D-63563
Grey	32	4.7	26	W15D-63564





### Lockout padlock nylon/nylon

Nylon body/nylon shackle - the ultimate locks for all of your safety and security needs! Unique cylinder is insulated to protect workers from shocks when key is inserted and is 6-pin precision-machined for more unique key cuts and better tamper resistance. Reserved, paracentric keyway provides optimal security and the special design prohibits the key from being released until the padlock shackle is closed. Locks are compact and lightweight and resist impact, temperature, chemicals and corrosion. Their non-conductive, non-sparking body features a ribbed design for easier gripping and handling. 1 key supplied with each shackle. Key retaining (Key won't release until the padlock shackle is securely closed). Custom keying and charting is available. These padlocks have the added advantage of being fully electrical resistant. The plastic shackle cuts off the electrical current from the shackle to the key. 6pcs/box, keyed to differ.



Colour	Lock width	Shackle diameter	Shackle width	Article Number
	mm	mm	mm	
Blue	38.5	6.5	33	W15D-63431
Red	38.5	6.5	33	W15D-63432
Black	38.5	6.5	33	W15D-63433
Yellow	38.5	6.5	33	W15D-63434
Green	38.5	6.5	33	W15D-63435
Orange	38.5	6.5	33	W15D-63436
Brown	38.5	6.5	33	W15D-63448
Purple	38.5	6.5	33	W15D-63449
White	38.5	6.5	33	W15D-63450
Grey	38.5	6.5	33	W15D-63585



### Lockout padlock nylon/steel

Nylon/steel safety padlocks are the ultimate locks for all of your safety and security needs! Unique cylinder is insulated to protect workers from shocks when key is inserted and is 6-pin precision-machined for more unique key cuts and better tamper resistance. Reserved, paracentric keyway provides optimal security and the special design prohibits the key from being released until the padlock shackle is closed. Locks are compact and lightweight and resist impact, temperature, chemicals and corrosion. Their non-conductive, non-sparking body features a ribbed design for easier gripping and handling. 1 key supplied with each lock. Key retaining (Key won't release until the padlock shackle is securely closed). Custom keying and charting is available. 6pcs/box, keyed alike.



Colour	Lock width	Shackle diameter	Shackle width	Article Number
	mm	mm	mm	
Red	38.5	6.5	33	W15D-52767
Blue	38.5	6.5	33	W15D-52768
Green	38.5	6.5	33	W15D-52769
Yellow	38.5	6.5	33	W15D-52770
Orange	38.5	6.5	33	W15D-52771
Black	38.5	6.5	33	W15D-52772
Brown	38.5	6.5	33	W15D-63445
Purple	38.5	6.5	33	W15D-63446
White	38.5	6.5	33	W15D-63447
Grey	38.5	6.5	33	W15D-63544



### Lockout hasp steel

Make sure all machinery stays locked until every individual working on the repairs or inspection is finished. Each person puts a lock on the hasp, but the hasp cannot be removed until all lockouts have been removed, thus preventing accidents. Steel hasp with vinyl coating, suitable for 6 pad locks. Supplied in packs of 12



Model	Colour	Height	Width	Article Number
		mm	mm	
Hasp 25mm	Red	129	58	W15D-50007
Hasp 38mm	Red	129	58	W15D-50008
Hasp 25mm	Yellow	129	58	W15D-63057
Hasp 38mm	Yellow	129	58	W15D-50010



### Lockout hasp nylon

Orange non-conductive nylon hasp can accommodate up to 6 locks, withstands up to 450 kg, yet only weighs only 30 g.



Model	Colour	Height mm	Width mm	Article Number
Hasp 6 lock	Orange	178	40	W15D-59814



### Lockout for miniature circuit-breakers

A safe and effective method for locking out European Circuit Breakers. Unique! - requires no tools to install. The lockout easily installs with the aid of a push button. The tie-bar style lockout has a thumb wheel for quick application.



Model	Colour	Article Number
Lock-out pin-out std - 1pk	Red/Black	W15D-53685
Lock-out pin-out std - 6pk	Red/Black	W15D-53686
Lock-out pin-in std - 1pk	Red/Black	W15D-53687
Lock-out pin-in std - 6pk	Red/Black	W15D-53688
Lock-out pin-out wide - 1pk	Red/Black	W15D-53689
Lock-out pin-out wide - 6pk	Red/Black	W15D-53690
Lock-out tie-bar - 1pk	Red/Black	W15D-53691
Lock-out tie-bar - 6pk	Red/Black	W15D-53692

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### Lockout for locking switches

Lockout voltage interruption system 400-600V. Perfect for interlocking extra large and irregularly shaped switches. The self-adhesive active conductors are permanently glued to the panel, no need for drilling. Red blocking bar: circuit breaker 'off', green blocking bar: circuit breaker 'on'. The kit contains 2 conductors, 1 red and 1 green bar and 3 alcohol wipes.



Model	Colour	Article Number
Blocking kit		W15D-53693
Blocking bar holder	Yellow	W15D-52766
Mounting rail	Yellow	W15D-52765
Blocking bar - locked off	Red	W15D-53694
Blocking bar - locked on	Green	W15D-53695



### Lockout universal tap/valve system

Base unit only (cable and blocking arm sold separately). Versatile, rugged, easy to use and lightweight, our universal valve lockouts are effective for all types of standard valves. Can also be used to lock out large levers, T-handles and hard-to-secure mechanical devices. Open-ended clamp fits over closed rings and wide handles. Made of industrial-grade steel and nylon for extra impact and chemical resistance. Large



Model	Colour	Height mm	Width mm	Article Number
Small for 19 to 25mm handles	Red	142.2	22.9	W15D-52746
Large for 31.75 to 41mm handles	Red	162	39.4	W15D-52744
Blocking arm small	Red			W15D-53274
Blocking arm large	Red			W15D-53275
Cable 2.44m	Red			W15D-52784



### Lockout system for ball valves

Ball valve lockout. Small system interlocks pipes between 12.5 and 31mm in open and locked state, large system 50 to 200mm in locked state. The two halves of the device encompass the ball valve lever to secure it from inadvertent activation of the valve.



Model	Colour	Article Number
Ball valve lock-out small	Red	W15D-62773
Ball valve lock-out large	Red	W15D-62774



### Lockout standard gate valve

For blocking hand wheels with 25 to 330mm diameters. Our gate valve lockouts have an unique knockout centre accommodates OS & Y or "rising stem" valves. Lockouts accept locks with shackles up to 9.53mm diameter.



Model	Colour	Article Number
Gate valve lock-out 1-2.5mm	Red	W15D-53279
Gate valve lock-out 2.5-5mm	Red	W15D-53280
Gate valve lock-out 5-6.5mm	Red	W15D-53281
Gate valve lock-out 6.5-10mm	Red	W15D-53282
Gate valve lock-out 10-13mm	Red	W15D-53283

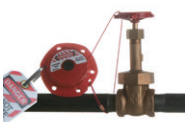


### Gate valve lock-out adjustable 25-165 mm

Valve lockout casing for hand wheels. Adaptable to most hand wheel locks diameters between 25 and 165mm.



Colour	Article Number
Red	W15D-53228



### Lockout Mini-cable

Mini cable lockout is perfect for use on disconnect switches, small gate valves, etc. Push-button self-winding mechanism automatically clinches cable tight. Comes with 2.4m sheathed steel or nylon for tight fit on valves and levers. 6 lock holes accommodate most padlock shackles and hasps.



Model	Colour	Article Number
With steel cable	Red	W15D-52749
With nylon cable	Red	W15D-52785



### Lockout universal cable system

Lock out multiple control points with a single device. Perfect for your unusual energy isolating devices that are difficult to lock out. Easy to use - simply hold device in one hand and clinch tight with the other! Supplied with nylon or vinyl coated metal cable. Can be used for interlocking hand wheel cranes, switches, circuit breakers etc. - Space for 4 padlocks.



Model	Colour	Article Number
System with 2.44m nylon cable	Red	W15D-52750
System with 2.44m metal cable	Red	W15D-52751
Nylon cable 2.44m	Red	W15D-52752
Metal cable 2.44m	Red	W15D-52753
Nylon cable 3.65m	Red	W15D-52754
Metal cable 3.65m	Red	W15D-52755
Metal cable 3.00m	Red	W15D-63451



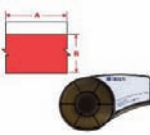
**Portable label printer model BMP21 Plus**

This user-friendly label printer is especially designed for use in the electronics, the tele/datacom and the general industry. This thermal transfer printer creates easily legible 203 dpi labels with an industrial adhesive, which can resist the roughest of environments. They do not detach, spread or fade. Large LCD screen (3 lines text, 1 line symbols), choose from six languages (English, Spanish, German, French, Portuguese, Dutch). Left or right hand operation of the cutting mechanism. Barcodes (39 and 128). 80 different symbols available: 48 general identification symbols, 19 electrical symbols and 13 datacom symbols. Internal memory for storing, retrieving and deleting label files.

**Print resolution** 203 dpi  
**Print process** Thermo transfer



Model	Article Number
BMP21-PLUS	W15D-54376



**Ink ribbon cartridge for BMP21**

White polyester print ribbon for Brady BMP21 portable printer. 6.4m long.



Tape colour	Length belt/tape/tie	Band width	Article Number
Black and white	6.4	9.53	W15D-54414
Black and white	6.4	12.7	W15D-54415
Black and white	6.4	19.05	W15D-54416



**Portable label printer model BMP71**

The portable BMP71 label printer can print on more than 30 different types of materials. Whether you need a vinyl label for indoor or outdoor use, shrink sleeves or die-cut labels, you can be sure that you will find the right label type for your application with this BMP71 printer. The BMP71 is equipped with a full keyboard, available in 4 versions: QWERTY, AZERTY, QWERTZ and CYRILLIC.

**Print resolution** 300 dpi  
**Print process** Thermo transfer  
**Input method** USB



Model	Article Number
QWERTY UK	W15D-62486
QWERTY EU	W15D-62485
AZERTY EU	W15D-62487
QWERTZ EU	W15D-62488
CYRILLIC EU	W15D-62489



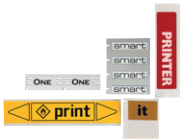
**Thermal Transfer Printer Ribbon for BMP71 Printer**

Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.



Tape colour	Length belt/tape/tie		Band width	Article Number
	m	mm		
White	46	50.8	W15D-54683	
Red	46	50.8	W15D-54684	
Green	56	50.8	W15D-54686	
Magenta	46	50.8	W15D-54687	
Yellow	46	50.8	W15D-54688	
Black	46	50.8	W15D-54680	
Black	46	50.8	W15D-54681	

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### Adhesive tape for BMP71

High performance industrial vinyl, resistant against fats, oils and chemicals. Band length 15.4m.



Tape colour	Length belt/tape/tie		Band width	Article Number
	m	mm		
Black	15.24	25.4	25.4	W15D-57509
Blue	15.24	25.4	25.4	W15D-57510
Transparent	15.24	25.4	25.4	W15D-57512
Gold	15.24	25.4	25.4	W15D-57513
Green	15.24	25.4	25.4	W15D-57514
Grey	15.24	25.4	25.4	W15D-57515
Orange	15.24	25.4	25.4	W15D-57516
Purple	15.24	25.4	25.4	W15D-57517
Red	15.24	25.4	25.4	W15D-57518
White	15.24	25.4	25.4	W15D-57519
Yellow	15.24	25.4	25.4	W15D-57520
Light blue	15.24	25.4	25.4	W15D-57546
Pink	15.24	25.4	50.8	W15D-57548
Pink	15.24	25.4	25.4	W15D-57549
Ochre	15.24	25.4	50.8	W15D-57551
Ochre	15.24	25.4	25.4	W15D-57552
Sky blue	15.24	25.4	50.8	W15D-57554
Sky blue	15.24	25.4	25.4	W15D-57555
Beige	15.24	25.4	50.8	W15D-57557
Beige	15.24	25.4	25.4	W15D-57558
Black	15.24	25.4	50.8	W15D-57521
Blue	15.24	25.4	50.8	W15D-57522
Brown	15.24	25.4	50.8	W15D-57523
Transparent	15.24	25.4	50.8	W15D-57524
Gold	15.24	25.4	50.8	W15D-57525
Green	15.24	25.4	50.8	W15D-57526
Grey	15.24	25.4	50.8	W15D-57527
Orange	15.24	25.4	50.8	W15D-57528
Red	15.24	25.4	50.8	W15D-57530
White	15.24	25.4	50.8	W15D-57531
Yellow	15.24	25.4	50.8	W15D-57532
Light blue	15.24	25.4	50.8	W15D-57545

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### Labels data plate for BMP71

Thermal transfer printable raised panel labels. Designed to make legend plate creation quick, less expensive, and hassle free! Use for electrical components, electrical cabinets, push buttons, patch panels, and any other applications you can imagine. This material can also be used for rating and serial plates using alphanumerics that require name plate quality.



Tape colour	Band width		Article Number
	mm	mm	
Yellow	45	27	W15D-61180
Silver	27	35	W15D-61187
Silver	35	35	W15D-61189
Yellow	35	35	W15D-61191



**Heat-shrink tube white for BMP71**

White shrink sleeves on rolls, self-extinguishing polyolefin with shrink ratio 3:1. PermaSleeve markers provide a wire marking solution that combines speed, ease of use, and permanence to create long-lasting, high quality identification. These Sleeves are self-extinguishing and meet the requirements of SAE AMS-DTL-23053/5 Class 1, SAE-AS-8153, MIL-STD-202 method 215K and is UL224 recognised.



Tape colour	Band width	Article Number
	mm	
White	25.78	W15D-54934
White	25.78	W15D-54940
White	25.78	W15D-54970



**Labels self-laminating for BMP71 printer**

Self laminating labels of Brady BMP71 printer. White vinyl labels with a transparent laminating layer for marking wires and cables.



Tape colour	Band width	Article Number
	mm	
White	50.8	W15D-54953
White	25.4	W15D-54982



**Stand alone label printer model BBP31**

The BBP™31 pictogram and label printer is all that a printer should be. It's user-friendly and filled with functionality. This printer can also print on various materials making it suitable for all label requirements in your company. The functions you will probably use most are ready for use immediately. Thanks to the touchscreen and "Drag & Drop" function, you can move objects and text, until the label looks exactly as you want it to. Supply voltage 240V. Install the material and printing ribbon and the printer will do the rest. The Smart Cell technology in these materials tells the printer exactly how the label should be made, depending on the material that was inserted. Print labels from 12.7mm up to 101mm in width, maximum length for continuous labels is 3m. More than 220 built-in images. Templates for frequently used labels and a comprehensive library containing more than 250 ready-to-use pictograms and labels. Built-in barcode types.



- Print resolution** 300 dpi
- Print process** Thermo transfer
- Input method** USB, Ethernet. Optional      WiFi, Bluetooth

Model	Article Number
QWERTY UK	W15D-62522
QWERTZ EU	W15D-62529
AZERTY EU	W15D-62530
CYRILLIC EU	W15D-62531



**Controlled label printer model BBP33**

The BBP™33 label printer is a user-friendly, pc driver label printer. The Smart Cell technology in the label cartridge ensures that the correct label format is automatically set in the Brady software, avoiding calibration and unnecessary label waste. Depending on your specific applications, you can use the printer together with more than 600 labels in 40 different sizes. Thermic transfer printer, printing resolution 300 dpi. Print punched (die-cut) labels from 6.35mm up to 101 mm wide, print continuous labels from 12.5mm up to 3m long. Built-in barcodes. Compatible with LabelMark™, CodeSoft™ and MarkWare™ labelling software or Windows based software.



- Print resolution** 300 dpi
- Print process** Thermo transfer
- Input method** USB, Ethernet. Optional      WiFi, Bluetooth

Model	Article Number
BBP33 EU	W15D-62675
BBP33 UK	W15D-62679



### Adhesive tape for BBP31 & BBP33

High performance industrial vinyl with extra strong adhesive and limited shrinkage. Very suitable for rough, bent and irregular surfaces. Adheres to surfaces with low surface energy, such as ABS, PVC and other synthetics. Band length 30.4m



Tape colour	Length belt/tape/tie		Band width	Article Number
	m	mm		
Brown	30.4	101	W15D-57265	
Black	30.4	57	W15D-57258	
Blue	30.4	57	W15D-57262	
Brown	30.4	57	W15D-57266	
Transparent	30.4	57	W15D-57270	
Gold	30.4	57	W15D-57274	
Green	30.4	57	W15D-57278	
Grey	30.4	57	W15D-57282	
Orange	30.4	57	W15D-57286	
Purple	30.4	57	W15D-57290	
Red	30.4	57	W15D-57294	
White	30.4	57	W15D-57299	
Yellow	30.4	57	W15D-57304	
Transparent	30.4	101	W15D-57269	
Black	30.4	101	W15D-57257	
Blue	30.4	101	W15D-57261	
Gold	30.4	101	W15D-57273	
Green	30.4	101	W15D-57277	
Grey	30.4	101	W15D-57281	
Orange	30.4	101	W15D-57285	
Purple/violet	30.4	101	W15D-57289	
Red	30.4	101	W15D-57293	
White	30.4	101	W15D-57297	
Yellow	30.4	101	W15D-57302	

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### Label type CLP for BBP31 & BBP33

Pre-printed GHS/CLP Chemical Labels for BBP3x Printers. Used for identification of hazardous substances. Thanks to the white label with up to 4 pre-printed 'diamonds', a GHS/CLP label can be made in one print run.



Tape colour	Band width	Article Number
	mm	
White with pre-printed red diamonds	55	W15D-56349
White with pre-printed red diamonds	55	W15D-56350
White with pre-printed red diamonds	75	W15D-56355
White with pre-printed red diamonds	75	W15D-56356
White with pre-printed red diamonds	105	W15D-56361
White with pre-printed red diamonds	105	W15D-56362
White	38.1	W15D-60845





### Ink ribbon for BBP31 & BBP33

Brady "Drop & Click" print ribbons for quick and easy supply changes. Ribbons are tough, smear-proof that produce long-lasting printed text. Print can withstand years in industrial areas and outdoor conditions. No calibrating, no threading, no waste, no hassle.



Tape colour	Length belt/tape/tie	Band width	Article Number
	m	mm	
Black	60.9	110	W15D-56165
Blue	60.9	110	W15D-56166
Green	60.9	110	W15D-56167
Magenta	60.9	110	W15D-56168
Orange	60.9	110	W15D-56169
Orange	60.9	110	W15D-56170
White	60.9	110	W15D-56171
Yellow	60.9	110	W15D-56172
White	60.9	110	W15D-56176
Black	60.9	110	W15D-56174
Black	60.9	110	W15D-56173



### Label self-laminating for BBP33 printer

Self-laminating labels for brady BBP33 printer. White vinyl labels with a transparent laminate layer on a roll for marking wires and cables.



Tape colour	Band width	Article Number
	mm	
White	25.4	W15D-60843
Silver	38.1	W15D-62558
Silver	50.8	W15D-62559



### Heat-shrink tube white for BBP33

White heat-shrink sleeves from self-extinguishing polyolefin with shrinking ratio 3:1



Tape colour	Band width	Article Number
	mm	
White	50.8	W15D-57803
White	50.8	W15D-57805

11



# Ergonomic Flooring

The use of Personal Protection Equipment (PPE) at work is essential. The working environment and conditions determine the most appropriate protection in order to guarantee the safety of employees. The safety and welfare of workers is paramount, and the provision and correct use of the most appropriate PPE can substantially increase efficiency and productivity.

### Improve Safety Through A Work-Life Balance

Anyone who stands all day at work knows how tiring it can be. Standing causes muscles to constrict, which leads to reduced blood flow. This makes muscles and joints hurt, and it causes blood to stagnate, which can cause varicose veins. In addition, long-term standing causes pronation, or extensive flattening of the foot. While this can be simply tiring and a bit painful, it can also lead to plantar fasciitis and other serious conditions.

Plantar fasciitis or heel spur syndrome is the heel bone’s reaction to repeated stress or weight bearing. Constant stress and pressure cause the ligament on the bottom of the foot, known as the plantar fascia, to become inflamed. The plantar fascia forms the foot’s arch by working like a rubber band between the heel and ball of the foot. Plantar fasciitis happens more often in older people because their plantar fascia have become more like ropes than rubber bands, and the shock-absorbing pads of fat in the heels have worn down over time. People who are overweight are also at higher risk because their body weight puts additional stress on their feet.

Often, because of tension in the ligament, a bony spur will develop in the heel of the foot. The spur, however, is not the source of pain. The inflammation of the ligament causes the searing pain along the bottom of the foot, which some have compared with being pierced by a pin or knife. The pain is often most noticeable first thing in the morning, and its sharpness usually becomes a dull ache after standing or walking for a while.

Besides the obvious loss of work with the more serious conditions, there is a domino effect that goes unnoticed, way before a serious condition. As a worker stands on a hard surface over a period of time the reduced blood flow and initial pains set in, there is a loss of productivity and focus caused by fatigue, which can lead to reduced production, mistakes, and lowering morale, which eventually leads to a lack of concern for quality, and as a result increase in production costs, which are outside of any medical cost or lost days.



### A Proven Cost Reduction

Many studies have been done to find a sustainable solution. Anti-fatigue mats are an integral part of many ergonomic and safety programs. Standing workers love them, but production managers need to be able to justify the financial investment. Although perception studies have proven workers feel much better when they use anti-fatigue mats, one company wanted to go a step further and prove that anti-fatigue matting actually increases worker productivity — resulting in real savings for the company. The following study examines the bottom-line impact of using anti-fatigue matting and essentially proves a positive return on investment (ROI).

#### The company did a 12-month ergonomics study. It was designed to answer several questions:

- Does standing on the job contribute to fatigue?
- Does the use of anti-fatigue matting lessen standing workers’ fatigue?
- Can using anti-fatigue matting be linked to increased worker productivity?
- Can anti-fatigue matting generate cost savings?

The company used in the study was a manufacturer of commercial ovens. It was one of the largest and “best” employer in terms of wages and benefits for the standing worker, but they had a high injury rate and a high rate of absenteeism — as high as 10% on Mondays.

More of the company statistics	
Number of Employees	175 in Manufacturing/Assembly
Number of Shifts	2
Location Population	Less than 5,000
Average Employee Tenure	4 years
Average Employee Age	41
Mean Employee Age	35

#### Before the installation of anti-fatigue matting, a questionnaire was given to workers to assess:

- Their current work surface (e.g., concrete)
- The overall level of fatigue before and after their shift
- The fatigue and discomfort level of their legs and feet before and after their shift

Once the matting was installed, the workers then completed that same questionnaire on a monthly basis for 12 months. The workers’ perceptions were very clear: The participants felt considerably less fatigued before and after work when using anti-fatigue mats. In addition, the at-risk areas of their bodies, such as legs, feet, and lower back, were much more comfortable when anti-fatigue mats were used.

Installation facts	Before mats	After mats	Improvement with mats
Injury Rate	>3 per month	<1 per month	70%
Absenteeism	5.2% (up to 10% on Mondays)	4%	23%

The installation of anti-fatigue mats resulted in an estimated 2.2% increase in productivity due to lower absenteeism and injury rates.

11



### Mat Diamond Plate spongecoat

One of the most popular anti-fatigue mats on the market today, this is the original Diamond-Plate mat. The Nitricell sponge base is a nitrile rubber composite that offers unparalleled comfort. Heavy-duty PVC Diamond-Plate surface is abrasion and chemical resistant. Ideal for use in dry environments. Diamond-Plate will withstand the abuse of multiple shifts and heavy traffic. 14 mm overall thickness.

**Material** PVC/Nitricell



Colour	Length	Width	Plate thickness	Article Number
	cm	cm	mm	
Black	91	61	14.29	W78H-50032
Black/Yellow	91	61	14.29	W78H-50048
Black	2286	61	14.29	W78H-50034
Black/Yellow	2286	61	14.29	W78H-50050
Black	152	91	14.29	W78H-50033
Black/Yellow	152	91	14.29	W78H-50049



### Mat welding Weldsafe

WeldSafe has a specially formulated SBR rubber surface that repels sparks and hot metal shards. This surface material has a melt point of over 260 Celsius. The Nitrile enhanced Nitricell sponge base absorbs repeated compression and bounces back to its original form better than any PVC sponge alternative.

**Material** Rubber/Nitricell



Colour	Length	Width	Plate thickness	Article Number
	cm	cm	mm	
Black	91	61	14.29	W78H-50078
Black	152	91	14.29	W78H-50079
Black	2286	91	14.29	W78H-50081

11



### Mat anti-fatigue ESD

Protect sensitive equipment from damage or eliminate static annoyance, Nitricell sponge base delivers 2X the resilience and 3X the life of typical sponges. Lay-flat design and up to 20% more standing area than look-alikes. Grounding snap is attached to the corner of each mat (NOTE: Mat must be grounded with a ground cord; workers must wear Heel Grander or shoes with conductive soles).

**Material** PVC/Nitricell



Colour	Length	Width	Plate thickness	Article Number
	cm	cm	mm	
Black	61	91	14.29	W78H-50296
Black	61	152	14.29	W78H-50187
Black	91	2286	14.29	W78H-50188



### Tile anti-fatigue Ergodeck Comfort

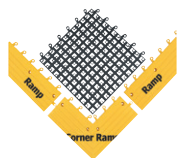
ErgoDeck Comfort provides “rubber-like” resilience underfoot with its spring-back design...engineered to cushion the impact of long-term standing. Open is especially suitable for areas where liquids come into play and must be drained off quickly. Solid is especially suited to work areas that remain relatively dry, or have slight overspray. Raised surface design delivers substantial traction.

**Material** PVC



Colour	Length	Width	Plate thickness	Article Number
	cm	cm	mm	
Charcoal	46	46	22	W78H-50291
Charcoal	46	46	22	W78H-50292





### Tile anti-fatigue Ergodeck Heavy

Ergodeck Heavy interlocking tiles. 457x457x22 mm with exceptional comfort in wet or dry applications with an open or closed structure. Type 560-563: heavy duty and wheel traffic. Type 564-567: 'soft' for greater workplace comfort. Divisible into pieces of 7.6 cm (3"), fits in almost every area. LockSafe Positive Interlocking System prevents separation. Easily replace single pieces or sections as needed to reduce costs. 100% silicone free PVC tiles provide maximum durability.



**Material** PVC

Colour	Length	Width	Plate thickness	Article Number
	cm	cm	mm	
Charcoal	46	46	22	W78H-50012
Black	46	46	22	W78H-50014
Black	46	46	22	W78H-50013
Black	46	46	22	W78H-50015
Black	46	46	22	W78H-50016
Black	46	46	22	W78H-50115
Black	46	46	22	W78H-50294
Black	46	46	22	W78H-50295
Charcoal	15	38	22	W78H-50018
Charcoal	23	23	22	W78H-50179
Charcoal	15	46	22	W78H-50017



### Mat anti-fatigue 24/SEVEN

Mats composed of snap-on tiles 910x910x16mm (3'x3'x5/8") and corresponding ramps 76x990mm (3"x39"). Surface:- Closed for dry zones: standard type 570, with grit type 574. Open structure for drainage and debris: standard type 572, with grit type 576. 3 different rubber compounds. GR for areas with water or dry debris. CFR for areas with mineral oil-based cutting fluids. NBR (100% nitrile) for areas with petroleum-based fluids.



**Material** Rubber

Colour	Length	Width	Plate thickness	Article Number
	cm	cm	mm	
Black	91	91	15.88	W78H-50059
Black	91	91	15.88	W78H-50065
Black	91	91	15.88	W78H-50066
Black	91	91	15.88	W78H-50183
Black	91	91	15.88	W78H-50184
Black	8	99	15.88	W78H-50064
Yellow	8	99	15.88	W78H-50062
Yellow	8	99	15.88	W78H-50068
Yellow	8	99	15.88	W78H-50061
Yellow	8	99	15.88	W78H-50067

11



# First aid

## Health & Safety (First Aid) Regulations amended October 2013 British Standard for Workplace First Aid BS8599-1

Employers are required to conduct a risk needs assessment and choose a first aid kit that meets their needs. The British Standard BS8599-1 for Workplace First Aid offers four kit sizes, and guidelines to match the kit to the risks identified in the workplace.

## Professional First Aid kit

### 1. Identify your risk needs:

**Low risk**

(e.g. shops, offices, libraries etc.)

**High risk**

(e.g. light engineering and assembly work, food processing, warehousing, extensive work with dangerous machinery or sharp instruments, construction, chemical manufacture etc.)

Adopting the British Standard Kits is now the best guarantee of remaining fully compliant with the law.

### 2. Decide on the size and quantity of kits required to meet your risk needs assessment:

■ **Small kit usage guidelines**

**Low risk** less than 25 employees

**High risk** less than 5 employees

■ **Medium kit usage guidelines**

**Low risk** 25-100 employees

**High risk** 5-25 employees

■ **Large kit usage guidelines**

**Low risk** 1 Large Kit per 100 employees

**High risk** 1 Large Kit per 25 employees



BS8599-1 Kit contents	Small	Medium	Large	Travel
Burn Relief Dressing 10cm x 10cm	1	2	2	1
Washproof Assorted Plasters	40	60	100	10
Eye Pad Dressing with Bandage, Sterile	2	3	4	1
Foil Blanket Adult Size	1	2	3	1
HSE Large Dressing 18cm x 18cm, Sterile	1	2	2	1
HSE Medium Dressing 12cm x 12cm, Sterile	4	6	8	1
Nitrile Gloves, Pair	6	9	12	1
Resuscitation Device with Valve	1	1	2	1
Finger Dressing with Adhesive Fixing 3.5cm	2	3	4	-
First Aid Guidance Leaflet	1	1	1	1
Conforming Bandage 7.5cm x 4m	1	2	2	1
Microporous Tape 2.5cm x 5m	1	1	1	1
Moist Cleansing Wipes	20	30	40	4
Safety Pins, Assorted	6	12	24	2
Single Use Triangular Bandage 90cm x 127cm	2	3	4	1
Universal Shears Small 15cm	1	1	1	1
Eye Wash 250ml Sterile	-	-	-	1

11





### Defibrillator Mediana A15 AED

The Beat CPR device provides first aiders with a clear, audible tone, helping maintain the compression rhythm at optimum efficiency. The device is pre-set at 110 beats per minute, which may be increased or reduced by the user. Display visible in all light conditions. Long-life renewable battery included.

Model	Article Number
A15 defibrilator	W23M-50042



### Defibrillator Mediana A10 AED

The Mediana A10 HeartOn AED is easy to use with or without training. The Adult or Paediatric Pads are recognised quickly by the unit once plugged in. LED indicator lights flash next to visual icons to clarify the necessary actions. This is accompanied with the corresponding voice prompts to expel any confusion and save valuable time in a Cardiac Emergency. The battery is disposable, LiMnO2 Non-rechargeable, with 2 years shelf life, and 5 years standby life.

Model	Article Number
A10 defibrilator	W23M-50043



### First Aid Kit - BS8599-1 in Integral Aura Box Green

The first new standard for Statutory First Aid Kits in the workplace since 1997, these kits reflect the changes in both workplace practice and risks, making them demonstrably more 'fit for purpose' in today's environment. For peace of mind, the provision of a kit with this updated content is now the only clear and definitive way for employers to demonstrate they are serious about meeting their legal obligations under the Health and Safety First Aid Regulations. LOW RISK 1 kit per 100 employees. HIGH RISK 1 kit per 25 employees.

Model	Length cm	Width cm	Height cm	With wall mount	Article Number
First aid kit - small	22.5	23	9.5	Yes	W23M-50021
First aid kit - medium	27	29.5	10	Yes	W23M-50022
First aid kit - large	32	35	10	Yes	W23M-50020
First aid kit refill - small				No	W23M-50023
First aid kit refill - medium				No	W23M-50024
First aid kit refill - large				No	W23M-50025



### First aid kit for vehicles

BS8599-2 vehicle first aid kit in Aura box. For cars, vans and trucks (suitable for up to 8 passengers).

Model	Length cm	Width cm	Height cm	With wall mount	Article Number
Motoring first aid kit - medium	20.5	20	6.5	Yes	W23M-50027



### First aid kit for burns areas

Burns kit containing BurnSoothe burn dressings. This kit is ideal for kitchens or other areas where burns present a hazard.

Model	Length cm	Width cm	Height cm	With wall mount	Article Number
Burn kit in bag	20	14	8	No	W23M-50031



### Bio-hazard kit

Single-use complete incident pack. Individually boxed with full requirements. Clear instructions on pack exterior. Complete protection for users.

Model	Length	Width	Height	With wall mount	Article Number
	cm	cm	cm		
Body fluid refill - 1 app				No	W23M-50040
Body fluid kit - 5 app	32	35	10	Yes	W23M-50041



### Ice pack instant relief

Easy to use, disposable ice pack for the first aid treatment of sprains and abrasions. On the spot immediate ice therapy, twist the pack and apply to bruising, sports sprains and muscle injuries.

Model	Article Number
Ice pack 100g	W23M-50026

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### Plasters fabric

Heavyweight fabric stretch plasters. Excellent strength traditional adhesive. Sterile and individually wrapped. Pk100 assorted.

Model	Article Number
Fabric assorted pack 100	W23M-50028



### Plasters washproof

Soft and flexible washproof material. Sterile, low-allergy adhesive. Allows skin to breathe. Pk100 assorted.

Model	Article Number
Washproof assorted pack 100	W23M-50029



### Plasters blue for food areas

Superb low-allergy adhesive. Sterile, wrapped and metal detectable. Exceptionally soft and flexible material. Latex free. Pk100 assorted.

Model	Article Number
Blue assorted pack 100	W23M-50030



### Cleansing wipes

Sterile and alcohol-free. Designed for all mandatory kits. Extra strong soft fabric material. Safe for all skin types.

Packaging	Application	Article Number
Box of 100	Medical wipe	W23M-50038



### Blanket foil

Disposable, ultra-insulating blanket. Heat-reflective metallic surfaces. Also protects against wind and rain. Helps treat or prevent hypothermia.

Model	Length cm	Width cm	With wall mount	Article Number
Blanket	210	130	No	W23M-50039



### Eye wash station Premier

Robust premier eye wash station with dust cover. 2 x 500ml saline solution, 5 x 20ml eye pods, 2 eye pad dressings, mirror. Wipe clean, hardwearing ABS plastic. Illuminated, printed instructions.

Height cm	Length cm	Width cm	Colour	Article Number
100	36	51	Green	W23M-50037



### Eye wash station with mirror Deluxe

Deluxe version with 2 x 500ml saline solution, 2 x 20ml eye pods, 2 eye pad dressings and mirror insert. Durable, stylish polypropylene box. Wall mountable with integrated bracket. Fast and effective treatment.

Height cm	Length cm	Width cm	Colour	Article Number
100	27	29.5	Blue	W23M-50034



### Eye wash station with mirror Standard

High visibility eye wash station. Holds two 500ml sterile saline solution bottles and 2 eye pad dressings. Provides fast and effective treatment for minor eye injuries.

Height cm	Length cm	Width cm	Colour	Article Number
50	27	37.5	Green	W23M-50036



**Eye pod station with mirror**

High visibility eye pod station with mirror. For use on minor eye irritations only. Holds eight 20ml sterile saline pods and 2 eye pad dressings.

Height	Length	Width	Colour	Article Number
cm	cm	cm		
25	24.5	33	Green	W23M-50035



**Eye wash solution**

Sodium Chloride 0.9%w/v Ph.Eur. Available in 500ml bottles and 20ml pods

Bottle volume	Article Number
ml	
500	W23M-50032
20	W23M-50033

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