

Personal Protective Equipment
“for a safer world”

PPE
Global



PPE
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Personal Protective Equipment “for a safer world”

PPE Global is at the forefront in delivering a comprehensive range of Personal Protection Equipment to clients around the world. Our range of PPE has built up a reputation for high quality, designed to meet the challenge of the global workplace.

Safety is our one and only priority and to achieve this we have created and developed a set of PPE solutions that complement each other and integrate within the workplace, ensuring optimum performance is always achieved. All of our products are fully certified by recognised testing houses in accordance with current CE regulations to give you and your workforce total peace of mind.

Our aim is to deliver first class quality products direct to you wherever you are in the world. Our team has been serving clients in many countries for over 20 years and has vast experience in the export of PPE. With our own in house freight forwarding division we pride ourselves in delivering our first class products direct to your door at a competitive price.

From head to toe **PPE Global** can offer the right PPE product for the job, our range increases every year as our reputation grows to meet and exceed our customer's expectations, if you can't see what you are looking for in this catalogue then please ask we can probably help. Our footwear range in particular updates and changes to meet current fashion trends and regulations – a wall chart showcasing our latest footwear range is available separately, please contact us for details.



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New Products	The latest additions to our range	P 1-2
INFORMATION	Introduction to Gloves and CE Regulations	P 3-5
	HAND PROTECTION - Cut Resistant	P 6 - 22
	HAND PROTECTION - General Handling	P 23 - 48
	HAND PROTECTION - Chemical and Janitorial	P 49 - 54
	HAND PROTECTION - Disposable	P 55 - 56
	HAND PROTECTION - Cold Protection	P 57 - 64
	HAND PROTECTION - Heat Protection	P 65 - 70
	HAND PROTECTION - ATG Specialist	P 71
	SLEEVES & APRONS	P 72 - 73
	EYE PROTECTION	P 74 - 93
	HEARING PROTECTION	P 94 - 102
	RESPIRATORY	P 103 - 111
	HEAD PROTECTION	P 112 - 118
	FOOTWEAR	P 119 - 126
	WORKWEAR	P 127 - 135
	WORK AT HEIGHT	P 136 - 141

A detailed index is provided at the back of this catalogue together with explanations on the various icons and symbols used.

Product Information and Conditions of Sale.

We have made every effort to ensure that details and information given in this literature are accurate at the time of publication, full technical specifications are not included and furthermore, the Company's policy is one of continuous improvement and the right is reserved to alter details and information as the need arises. Accordingly, the customer should check any details and information they wish to rely on with the Company at the time of purchase. The Company cannot accept liability in respect of any errors or omissions contained in its literature or for any loss or damage, malfunction or consequential loss arising from reliance upon its literature. All products are sold subject to our Standard Terms & Conditions, copies of which are available on request.

New Products

This issue contains more new products developed in response to customer requests and changing markets. We continuously strive to find the best solutions at the most competitive prices to help our customers compete in this difficult evolving marketplace.



KUTLASS NF500-GREEN

Cut Level 5 glove with a tough foam nitrile coating.



Page 8



KUTLASS PU500-GREEN

Cut Level 5 glove with durable PU coating.



Page 8



KUTLASS PU300-12-ORANGE

PU coated HPPE glove, part fingered.



Page 16



KUTLASS PU300-ORANGE

PU coated HPPE glove.



Page 16



NCN-RED

New addition to our top selling NCN range.



Page 24



ACEGRIP-RED

Excellent general purpose glove particularly suited for use in construction.



Page 34



PCN-RED-12

Exposed thumb and first 2 fingers for very delicate operations.

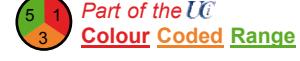


Page 31



PCN-RED

Designed for greater dexterity and flexibility.



Page 31



ARDANT 3 & 5

Introducing our new foam technology in **Cut Level 3 and 5 Versions.**



Page 6, 18



KUTLASS BLADE

Lightweight glove/liner offering economic Cut Level 5 protection.

Page 12



ADEPT

Nylon and Lycra blend liner with **NFT** nitrile foam technology

Page 29



NITRILON-925

Versatile cost effective protection with foam nitrile coating for enhanced grip.

Page 30

New Products

With more new innovative products under development for 2013/14 please check our web site for the latest additions. If your company needs a specialist product not shown in this catalogue please call as we are continuously extending our range of PPE and may still be able to help.



STP13

Lightweight 15 gauge close fitting polyester glove with excellent dexterity.

Page 47



WGR-16

Our premium red welding gauntlet now with an extended leather cuff.

Page 69



X5-SUMO-FC

We have now introduced a fully coated version of this best selling Cut Level 5 glove.

Page 11



TERRY SLEEVES

New styles added to this popular choice for economic heat and cut protection.

Page 73



SOLOMON

Fully adjustable modern glasses supplied complete with free neck cord.

Page 78



FORESTRY

Economic protection for agricultural and forestry workers

Page 115



WGB-DP

A reinforced **double palm** version of our blue leather welding gauntlet.

Page 69



VIBRATION-VBX

Tough foam latex coated glove for reducing low frequency vibrations.

Page 23



CUT RESISTANT SLEEVES

Further additions to our range of Cut Level 5 sleeves.

Page 14



JAVA SPORT

Stylish, modern enhanced version of the popular Java safety glasses.

Page 77



SAFETY HARNESS

We now stock a range of safety harnesses and accessories for a wide variety of applications.

Page xx



BR2/S3 RIGGER

Premium rigger safety boot with SRC anti-slip sole.

Page 121

Glove Selection - Basic Guide

The PPE Directive 89/686/EEC covers the selection of gloves and basically specifies two levels of risk, "minimal" and "mortal" (or "irreversible") risks. A further "intermediate" category covers gloves which fall between these two levels. When selecting gloves for a particular application you must establish the level of risk involved and select gloves from the appropriate class (see below). The various standards listed on the following pages should help with selection but it must be understood that these tests were carried out under laboratory conditions and may not truly reflect the actual conditions of use in practice. **It is therefore the responsibility of the user and NOT the manufacturer to ensure the glove is suitable for the proposed application.**

CE Simple Design - for minimal risk ONLY

Typical Markings



Minimal Risks

Gloves in this category are for "**minimal risk**" where the risk of any injury if not wearing a glove is small and it's effects would be easily reversible. Typical applications would include packing or inspection where there is no risk to the wearer. In simple terms if the wearer would not come to any harm if he were not wearing gloves this category is suitable. Manufacturers are permitted to test and certify these gloves themselves.

CE Intermediate Design - for intermediate risk

Typical Markings



Gloves in this category are for "**intermediate risk**" where there is a specific risk which may result in injury. Typical applications would include mechanical protection where there is a risk of cuts or puncture to the skin. Gloves in this category must be tested by an independent body which must be an approved "Notified Body" which has its own identification number. The name of the "Notified Body" and their address must be shown on the accompanying user instructions.

CE Complex Design - for irreversible or mortal risk

Typical Markings



Gloves in this category are for the highest level of risk where serious harm or irreversible side effects could occur. Typical applications would include chemical protection for more aggressive chemicals. Gloves in this category must be tested by an independent body and the manufacturer must have an approved quality system which must be checked and approved by a "Notified Body" annually. The name of the "Notified Body" and their address must be shown on the accompanying user instructions and the identification number for the "Notified Body" must be shown on the glove.



Further information on all our products is available on request

Glove Selection - EN Standards

Harmonised European Standards for Personal Protective Equipment (PPE) have been developed as the preferred means of demonstrating equipment conformity with the basic health and safety requirements (BHSRs) of the EC Personal Protective Equipment Directive (89/686/EEC). Only equipment which meets these BHSRs is entitled to carry the CE mark and to be sold for use in the EC. The applicable standards for hand and arm protection are outlined in more detail below

EN 420 - General requirements for protective gloves

This standard defines the general requirements for protective gloves in terms of construction, fitness of purpose, safety, etc. The standard includes amongst others the following

- The gloves themselves should not impose a risk or cause injury.
- The pH of the gloves should be as close as possible to neutral.
- Leather gloves should have a pH value between 3.5 – 9.5.
- The highest permitted value for chromium is 3 mg/kg (chrome VI).
- Specific details of any substance used in the glove which is known to cause allergies
- Sized by reference to an agreed common European hand size, for example minimum length
- Dexterity performance in range 1 (lowest) to 5 (highest), if required.



This symbol indicates that the user must consult the instructions for use.

EN 388 - Protection against mechanical risks

This standard defines the protection levels against mechanical hazards usually associated with handling of rough or sharp objects which could cut, abrade or puncture the skin. These tests are **NOT** applicable to moving machinery or serrated blades. It can be dangerous to wear gloves near to moving machinery or serrated blades and saws as the glove may catch and cause the wearers hand to be dragged into the machinery.



	Performance Level	1	2	3	4	5
a	Abrasion Cycles	100	500	2000	8000	
b	Cut Index	1.2	2.5	5	10	20
c	Tear Force (N)	10	25	50	75	
d	Puncture Force (N)	20	60	100	150	
Gloves should not be used near moving machinery or serrated blades						

EN 407 - Protection against heat

This standard defines the protection levels against heat hazards usually associated with handling of hot items or welding. The contact heat indicates how long a typical user could remain in contact with an item at a particular temperature without feeling pain. However this may be influenced by both how hard the item is gripped and also the item shape.



	Performance Levels		1	2	3	4
a	Burning behaviour	After flare time	<= 20 s	<= 10 s	<= 3 s	<= 1 s
		After glow time	Not reqd.	<= 120 s	<= 25 s	<= 5 s
b	Contact heat	Contact temperature	100 C	250 C	350 C	500 C
		Threshold time	>= 15 s	>= 15 s	>= 15 s	>= 15 s
c	Convective heat	Heat transfer delay	>= 4 s	>= 7 s	>= 10 s	>= 18 s
d	Radiant heat	Heat transfer delay	>= 7 s	>= 20 s	>= 50 s	>= 95 s
e	Small drops molten metal	Number of drops	>= 10	>= 15	>= 25	>= 35
f	Large quantity molten metal	Mass in grams	30 g	60 g	120 g	200 g
X in this test denotes NOT TESTED						

BS EN 12477: 2001+ Amendment No. 1: 2005

This standard is specifically intended for gloves designed to be used during welding operations and allied processes. This standard defines the minimum protection levels against both heat and mechanical hazards for **Type A** (Lower Dexterity, Higher Protection) and **Type B** (Higher Dexterity, Lower Protection) gloves.

The **minimum** requirements for **Type A** are



Dexterity Level 1

The **minimum** requirements for **Type B** are



Dexterity Level 4

Glove Selection - EN Standards

EN 511 - Protection against cold

This standard defines the protection levels against cold hazards but is different from the tests for heat as it references levels of resistance and insulation rather than particular temperatures.

	Performance Level	0	1	2	3	4
a	Convective cold. Thermal insulation ITR in $m^2 \cdot ^\circ C/W$	$I < 0.10$	$0.10 \leq I \leq 0.15$	$0.15 \leq I \leq 0.22$	$0.22 \leq I \leq 0.30$	$0.30 \leq I$
b	Contact cold. Thermal resistance R in $m^2 \cdot ^\circ C/W$	$R < 0.025$	$0.025 \leq R \leq 0.050$	$0.050 \leq R \leq 0.100$	$0.100 \leq R \leq 0.150$	$0.150 \leq R$
c	Water penetration	FAIL	PASS	-	-	-



EN 374 - Protection against chemicals and/or micro-organisms

This standard defines the protection levels against chemicals and/or micro-organisms. The newer EN 374:2003 uses a revised pictogram which included 3 letters below the pictogram to indicate a breakthrough time of more than 30 minutes for 3 chemicals from a common list of 12. There is no requirement for a manufacturer to re submit gloves for testing that have been approved under the older EN374:1994 in which case the pictogram is shown without the 3 letters underneath.

	Chemical	Chemical
a	Methanol	g Diethylamine
b	Acetone	h Tetrahydrofurane
c	Acetonitrile	i Ethyl Acetate
d	Dichloromethane	j N-Heptane
e	Carbon Disulphide	k Sodium Hydroxide (40%)
f	Toluene	l Sulphuric Acid (96%)
In order to display the pictogram shown the glove must resist breakthrough by 3 of the chemicals shown above for a minimum of 30 minutes.		



If the glove fails to achieve the 30 minute breakthrough time it may be classified as offering protection against "Low Chemical Hazards". In this case the pictogram shown opposite will be used.



Gloves which have been approved to EN374:2003 will also carry the pictogram opposite to indicate that information is available for the glove in relation to its use and limitations.



Gloves which have achieved Level 2 or better in the penetration test may be marked with this pictogram.

EC Food Directive

The parent directive EC/1935/2004 fixes general regulations for all materials intended to come into contact with foodstuffs. It stipulates that under normal conditions of use any materials used in the gloves should not deposit any products on the food being processed, in a quantity likely to present a danger to human health. The materials used in the glove must also not cause an unacceptable modification of the composition of the food products and there should be no deterioration of their organoleptic character, that is changes to food's taste, smell or appearance.



To simplify testing foodstuffs are divided into four classes: aqueous food, acidic food, alcohols and fatty food. The food gloves can be tested for **all four of the food classes or for an individual food class**, according to their final use.



ARDANT 5 & ARDANT 3

Introducing  Patented Technology applied to innovative cut resistant yarns

 Foam Nitrile Coating gives superb grip in dry, wet and oily conditions.

Additional Nitrile coating between the thumb and forefinger increases protection, resistance to abrasion and optimises the protection and durability of the glove.

Enhanced comfort with ventilated liner and  Actifresh™ treated to promote freshness during extended periods of wear.

Extremely soft and comfortable glove with outstanding dexterity.

Ardant 5 - for Cut Level 5 Protection.

Ardant 3 - for Cut Level 3 Protection

Typical Applications



ARDANT 5 

4543

ARDANT 3 

4343

CODE	Style	EN388	Sizes	Pack	Case
ARDANT-5	Palm Coated, CUT LEVEL 5	4543	7 - 10	10	120
ARDANT-3	Palm Coated, CUT LEVEL 3	4343	7 - 10	10	120



KUTLASS NFX-50Y

High visibility, high cut protection.

High tech blend of HPPE and other synthetic yarns offering maximum cut resistance.

High visibility yarn for added protection in high risk situations.

Roughened soft sand finish nitrile foam coating provides excellent grip performance in all applications.

Extremely comfortable to wear with outstanding dexterity.

Knuckle coated version available for when extra protection is needed.



Typical Applications



4543

Code	Style	EN388	Sizes	Pack	Case
KUTLASS NFX-50Y	Palm Coated	4543	7 - 10	10	120
KUTLASS NFX-50YK	Knuckle Coated	4543	7 - 10	10	120



KUTLASS NF-800

High Cut protection.

Carefully formulated combination of Kevlar®, steel and synthetic yarns for optimum cut protection and comfort.

Foam nitrile coating enhances grip when handling oily or wet items.

Well suited to applications requiring high levels of dexterity with cut protection.

Heavyweight seamless construction for added comfort during extended periods of wear.



4532

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
KUTLASS NF800	Palm Coated	4532	7 - 10	5	50

CUT RESISTANT - Colour Coded Range

CUT RESISTANT

KUTLASS NF500-GREEN

Distinctive green shell to indicate **CUT Level 5** in our Colour Coded Range

Specialised, advanced blend of yarns giving maximum cut protection incorporated into a lightweight, comfortable liner.

Nitrile foam coating allows moisture and oil to be conducted away from the surface to improve grip and handling.

High performance glove for safe handling in a variety of higher risk applications.

 Part of the **UC**
Colour Coded Range

Typical Applications



Code	Style	EN388	Sizes	Pack	Case	
KUTLASS NF-500G	Palm Coated GREEN colour coded	5 1 3	4542	7 - 10	5	50



4542

KUTLASS PU500-GREEN

Distinctive green shell to indicate **CUT Level 5** in our Colour Coded Range

Specialised, advanced blend of yarns giving maximum cut protection incorporated into a lightweight, comfortable liner.

Flexible PU coating gives superb dexterity for precise handling or assembly work.

Seamless liner and breathable coating allow for extended wear whilst maintaining comfort.

High performance glove for safe handling in a variety of higher risk applications.

 Part of the **UC**
Colour Coded Range

Typical Applications



Code	Style	EN388	Sizes	Pack	Case	
KUTLASS PU-500G	Palm Coated GREEN colour coded	5 1 3	4543	7 - 10	5	50



4543

CUT RESISTANT - Nitrile Coated



KUTLASS NFX-500

Seamless, high cut resistant liner constructed from a fusion of HPPE and other innovative yarns.

Nitrile foam coating allows moisture and oil to be conducted away from the surface to improve grip and handling.

High performance glove for safe handling in a variety of higher risk applications.

Available in three different versions for optimum performance and protection.

Typical Applications



4542

Code	Style	EN388	Sizes	Pack	Case
KUTLASS NFX-500	Palm Coated	4542	7 - 11	10	120
KUTLASS NFX-500K	Knuckle Coated	4542	7 - 10	10	120
KUTLASS NFX-500FC	Fully Coated	4542	7 - 11	10	120

KUTLASS PU500

Specialised, advanced blend of yarns giving maximum cut protection incorporated into a lightweight, comfortable liner.

Flexible PU coating gives superb dexterity for precise handling or assembly work.

Seamless liner and breathable coating allow for extended wear whilst maintaining comfort.

Also available with **open thumb and first two fingers** for applications requiring maximum dexterity.



Selected styles also available in the **UC**
Colour Coded Range (see page xx)



Typical Applications



Code	Style	EN388	Sizes	Pack	Case
KUTLASS PU-500	Palm Coated	4542	7 - 10	10	120

KUTLASS PUX-500Y

Hi-Vis liner to give increased visibility in high risk situations.

Specialised, advanced blend of yarns giving maximum cut protection incorporated into a lightweight, comfortable liner.

Flexible PU coating gives superb dexterity for precise handling or assembly work.

Seamless liner and breathable coating allow for extended wear whilst maintaining comfort.



Typical Applications



Code	Style	EN388	Sizes	Pack	Case
KUTLASS PUX-500Y	Palm Coated	4543	7 - 10	10	120

CUT RESISTANT - Latex Coated

**X5-SUMO**

A premium product offering maximum protection in all EN 388 categories .

A blend of steel, Kevlar® and high performance yarns produce high cut resistance.

Textured latex palm coating offers increased protection against abrasion and puncture while enhancing grip and durability.

NEW - Now also available in a FULLY COATED version for added protection in wet situations.

Optimum performance for heavy handling applications where the risk of cut or puncture is high.

Typical Applications



4544

Code	Style	EN388	Sizes	Pack	Case
X5-SUMO	Palm Coated	4544	7 - 10	5	50
X5-SUMO-FC	Fully Coated	4544	8 - 10	5	50

CUT RESISTANT - Plain Knits

KUTLASS BLADE

Lightweight glove/liner offering economic **Cut Level 5** protection.

Innovative Hi-Tech blend of HDPE and other synthetic fibres give high cut protection and increased dexterity.

Can be used on its own or as a protective liner under other gloves or gauntlet styles.

Tested for food use*

*full details on request



Typical Applications



X5-GLOVE

Based on our best selling X5 Kevlar®/steel yarn this glove gives maximum **Cut Level 5** protection.

Reinforced crotch and thumb for additional protection in hard wearing areas.

Soft and flexible with seamless construction for comfort.

Can be used on its own or as a protective liner under other gloves or gauntlet styles.

Typical Applications



PROKUT STEEL 10

Hi-Tech aramid and steel fibre gives outstanding cut protection.

Soft and comfortable to wear due to seamless construction and soft finish yarn.

Can be used on its own or as a protective liner under other gloves and gauntlet styles.

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
ProKut Steel 10	Plain knit liner, medium 10 gauge knitted	1541	7 - 10	10	50



CUT RESISTANT - Leather



X5-K9

Based on our best selling X5 Kevlar®/steel yarn this glove gives **maximum cut level 5** protection.

Traditional feel of a leather glove.

High quality split leather palm offers excellent grip in oily applications.

Soft and comfortable to wear.



Typical Applications



3543

Code	Style	EN388	Sizes	Pack	Case
X5-K9	Leather palm	3543	L, XL	10	50



PRESSKING

Seamless cut resistant liner constructed from Kevlar®, steel and polyester to offer maximum cut protection.

Superior chrome leather glove, fully sewn with Kevlar® thread for greater strength.

Vein patch for added protection.

Designed specifically for the toughest applications.

Available in knit wrist or gauntlet versions.

Typical Applications



3542

Code	Style	EN388	Sizes	Pack	Case
PRESSKING PK55	Knitted wrist with vein patch	3542	11	5	50
PRESSKING PK55-G4	Gauntlet version with 4 Inch extended leather cuff	3542	11	5	50

X5 SLEEVES

Constructed from our best selling X5 yarn to provide optimum cut protection at **Level 5** to the wrist and arms.

Designed to be worn in conjunction with our cut level 5 glove range for added protection.

Soft and comfortable to wear for extended periods.

Available in 14 inch length with a thumb slot for a secure fit.



Also available in 20 inch length, loose fit style with knit wrist.

**Typical Applications**

Code	Style	EN388	Sizes	Pack	Case
X5-KSL-14	Thumb slot palm. Sold singly.	1541	14 ins	10	100
X5-KSL-20	Knit wrist. Sold singly.	1541	20 ins	10	100

KUTLASS 5 SLEEVES

Machine knitted from a carefully designed mix of HPPE, Lycra™ and other high tech fibres.

Provides outstanding protection from cuts at **Cut Level 5**.

Designed to be worn in conjunction with our cut level 5 glove range for added protection.

Soft and comfortable to wear for extended periods.

Available in 18 inch thumb slot version with more styles available shortly.

Sold singly.



Thumb slot style

**Typical Applications**

Code	Style	EN388	Sizes	Pack	Case
KUTLASS 5 SLEEVE-18	Thumb slot style, 18 inches long. Sold singly.	4540	18ins	10	100

CUT RESISTANT - Food Use



KUTLASS

Knitted from Spectra® and DSM HPPE 13 gauge lightweight yarn for excellent cut resistance from such a lightweight glove.

Lightweight and dextrous, an ideal style for high risk applications in manufacturing and food industries.

Can also be used as a cut resistant liner for added versatility.

Sold singly with separate cotton liner for increased wearer comfort and durability.

Typical Applications



1542

Code	Style	EN388	Sizes	Pack	Case
KUTLASS	13 Gauge knitted glove with liner. SOLD SINGLY	1542	7 - 10	12	72



KUTLASS PLUS

A heavyweight 7 gauge version of the Kutlass glove above offering outstanding cut resistance.

Designed for the most demanding high cut risk environments.

Good dexterity and excellent resistance to abrasion.

Sold singly with separate cotton liner for increased wearer comfort and durability.

Typical Applications



4544

Code	Style	EN388	Sizes	Pack	Case
KUTLASS PLUS	7 Gauge knitted glove with liner. SOLD SINGLY	4544	7 - 10	12	72



KUTLASS BLUE

10 gauge Spectra® and DSM HPPE yarn for superior cut resistance.

Comfortable, close fitting glove for use in high risk applications where sharp knives are in use.

Extended cuff offers additional protection to the wrist area.

Sold singly and washable for economy.

Typical Applications



1541

Code	Style	EN388	Sizes	Pack	Case
KUTLASS BLUE	Extended wrist glove. SOLD SINGLY	1541	M, L, XL	12	72

CUT RESISTANT - Colour Coded Range

KUTLASS PU300-ORANGE

Orange shell denotes CUT LEVEL 3 to conform with our colour coded range.

High performance HPPE yarn gives good cut protection in this close fitting glove.

Lightweight and seamless construction combine to ensure excellent dexterity and maximum wearer comfort.

PU coating improves grip for delicate handling of sharp objects.

PU coating also improves abrasion resistance and aids performance in oily situations.



Part of the **UC**
Colour Coded Range

Typical Applications



4343

Code	Style	EN388	Sizes	Pack	Case
KUTLASS PU300-ORANGE	ORANGE, Palm Coated	4343	7 - 10	5	50

KUTLASS PU300-12-ORANGE

Orange shell denotes CUT LEVEL 3 to conform with our colour coded range.

Open thumb and first 2 fingers for special applications requiring maximum dexterity.

High performance HPPE yarn gives good cut protection in this close fitting glove.

Lightweight and seamless construction combine to ensure excellent dexterity and maximum wearer comfort.

PU coating improves grip for delicate handling of sharp objects.

PU coating also improves abrasion resistance and aids performance in oily situations.



Part of the **UC**
Colour Coded Range

Typical Applications



4343

Code	Style	EN388	Sizes	Pack	Case
KUTLASS PU300-12-ORANGE	ORANGE, Palm Coated, with open thumb and first 2 fingers	4343	7 - 10	5	50

CUT RESISTANT



KUTLASS PU300

High performance HPPE yarn gives good cut protection in this close fitting glove.

Lightweight and seamless construction combine to ensure excellent dexterity and maximum wearer comfort.

PU coating improves grip for delicate handling of sharp objects.

PU coating also improves abrasion resistance and aids performance in oily situations.

Palm coated version is available in white, grey or orange and **Extended wrist** version to provide additional protection to the wearers wrist area

Typical Applications



4343

Code	Style	EN388	Sizes	Pack	Case
KUTLASS PU310	White, Palm Coated	4343	7 - 10	10	120
KUTLASS-PU300	Grey Palm Coated	4343	6 - 10	10	120
KUTLASS PU330	Grey, Palm Coated, extended cuff	4343	7 - 10	10	120



KUTLASS TRIGRIP

Economic Level 3 cut protection.

Hi-tech HPPE yarns giving good cut protection in a lightweight glove.

PU coating increases dexterity and grip for handling of sharp objects.

The PU coating also improves abrasion resistance and aids performance in oily situations.

Seamless construction optimises user comfort.

4343

Code	Style	EN388	Sizes	Pack	Case
KUTLASS TRIGRIP	Blue, Palm Coated	4343	7 - 10	12	120

Typical Applications



CUT RESISTANT - Nitrile Coated

ARDANT 3

Introducing **NFT™** Foam Nitrile Coating for superb grip in dry, wet and oily conditions.

Additional Nitrile coating between the thumb and forefinger increases protection, resistance to abrasion and optimises the protection and durability of the glove.

Increased comfort with ventilated liner and **Actifresh™** treated to promote freshness during extended periods of wear.

Extremely soft and comfortable glove with outstanding dexterity.

Also available in a **Cut Level 5** version. (please see page 6)



CODE	Style	EN388	Sizes	Pack	Case
ARDANT-3	Palm Coated, CUT LEVEL 3	4343	7 - 10	10	120



KUTLASS NF-3

High performance HPPE yarn giving good cut protection in a lightweight glove.

Foam nitrile coating improves the durability of the glove and aids performance in oily situations.

Extremely dextrous and snug fitting, the NF3 is comfortable to wear for extended periods.

Available in palm or knuckle coated versions for added protection.



Code	Style	EN388	Sizes	Pack	Case
KUTLASS-NF3	Palm Coated	4343	7 - 10	10	120
KUTLASS-NF3K	Knuckle coated	4343	7 - 10	10	120



Typical Applications



CUT RESISTANT - Special Applications



ARMASAFE A827K

Excellent cut protection due to the integral Kevlar® liner.

Full nitrile coating provides good resistance to oils and grease.

Excellent resistance to abrasion, tears and punctures in this hard wearing glove.

Soft nitrile coated cuff gives added protection against oils and other liquids.

Ideal for heavy handling applications.

Typical Applications



4432 X1XXXX

Code	Style	EN388	EN407	Sizes	Pack	Case
A827K	Kevlar® lined nitrile gauntlet	4432	X1XXXX	9, 10	12	48



KK-SUMO

Medium weight Kevlar® shell protects against cuts.

Textured, flexible latex coating improves abrasion resistance and enhances grip.

Excellent resistance to puncture risk with good EN 388 score.

Versatile dexterous glove suitable for a range of wet or dry handling applications.

Typical Applications



3443

Code	Style	EN388	Sizes	Pack	Case
KK-SUMO	Palm Coated	3443	7 - 10	10	120



KEVLAR® DOTTED

DuPont Kevlar® combines high strength and cut resistance into a soft, flexible yarn.

Extremely comfortable glove with good dexterity for the wearer.

Available in **medium** or **heavyweight** to suit different applications.

PVC dotting to both sides makes this style ambidextrous, extremely durable and enhances grip performance.

Kevlar® provides heat protection at EN 407 making it ideal for handling warm items in assembly or extrusion lines.

A **fingerless** version is also available for precise applications where maximum dexterity is required.



Typical Applications



Please see table below



Code	Style	EN388	EN407	Sizes	Pack	Case
KKM10DD	Medium weight dotted Kevlar® gloves (inset picture)	2343	X1XXXX	7 - 10	12	144
KKH7DD	Heavy weight dotted Kevlar® gloves (main picture)	2441	X1XXXX	7 - 11	12	144
KKH7DDFL	Heavy weight dotted Kevlar® gloves, fingerless	1340	X1XXXX	8 - 11	12	144

CUT RESISTANT

CUT RESISTANT - Kevlar®



KEVLAR® STANDARD

DuPont Kevlar® combines high strength and cut resistance into a soft, flexible yarn.

Available in **light, medium or heavyweight** plain knit versions to provide the exact level of cut protection required.

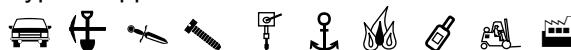
Snug fit and seamless construction make these gloves ideal for extended periods of wear.

Kevlar® provides heat protection at EN 407 making it ideal for handling warm items in assembly or extrusion lines.

A heavyweight **fingerless** version is also available for precise applications where maximum dexterity is required.

Please see table below

Typical Applications



Code	Style	EN388	EN407	Sizes	Pack	Case
KKL13	Light weight plain Kevlar® gloves (inset picture)	1242	31XXXX	7 - 11	12	240
KKM10	Medium weight plain Kevlar® gloves (main picture)	1341	X1XXXX	7 - 10	12	240
KKH7	Heavy weight plain Kevlar® gloves	144X	-	7 - 11	12	240
KKH7FL	Heavy weight plain Kevlar® gloves , fingerless	1340	X1XXXX	10	12	144

CUT RESISTANT - Kevlar® Sleeves

KEVLAR® SLEEVES (STANDARD)

Double knitted construction using DuPont Kevlar® yarn for high strength and cut resistance.

Kevlar® provides heat protection to EN 407 so is ideal for protection against warm objects.

Soft and comfortable to wear.

Thumb slot cut out helps to locate the sleeve securely and also increases protection to the palm area.

Sleeves are available in a range of lengths to more precisely match safety requirements.

Sleeves are sold **singly** for maximum economy.



Typical Applications



1343



X1XXXX

Code	Style	EN388	EN407	Sizes	Pack	Case
KKSL10	Double knit sleeve, thumb slot, 10 inch, SOLD SINGLY	1343	X1XXXX	10 ins	10	100
KKSL14	Double knit sleeve, thumb slot, 14 inch, SOLD SINGLY	1343	X1XXXX	14 ins	10	100
KKSL18	Double knit sleeve, thumb slot, 18 inch, SOLD SINGLY	1343	X1XXXX	18 ins	10	100
KKSL22	Double knit sleeve, thumb slot, 22 inch, SOLD SINGLY	1343	X1XXXX	22 ins	10	100

KEVLAR® SLEEVES (LOOSE FIT)

Loose fitting sleeve knitted using DuPont Kevlar® yarn for high strength and cut resistance.

Kevlar® provides heat protection to EN 407 so is ideal for protection against warm objects.

Soft and comfortable to wear.

Elasticated knitted wrist and sleeve top help locate the sleeve in place.

May be worn over other workwear such as overalls.



Typical Applications



1341



41XXXX

Code	Style	EN388	EN407	Sizes	Pack	Case
KKSL20	Loose fitting sleeve, knitted wrist, SOLD SINGLY	1341	41XXXX	20 ins	10	100

SPECIALISED HANDLING - Reduced Vibration



VIBRATION VBX

Foam latex coated glove designed to reduce the effects of high frequency vibrations.

Soft padded face for improved grip.

Close fitting knitted construction for good breathability.

Knitted wrist helps locate the glove snugly on the hand.

**Tested in the UK to
EN10819:1996**

TR_M = 0.91 (<1.0 required)

TR_H = 0.59 (<0.6 required)

(Standard Passed)



Typical Applications



Code	Style	EN388	Sizes	Pack	Case
4242	VIBRATION VBX	Knitted glove with foam latex coating to reduce vibration	4242	9,10	5



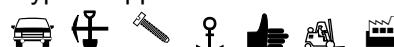
AV-FGG FINGERLESS PADDED PALM

Black fingerless grain leather glove with absorbent fabric back.

Foam pad in the palm area helps to cushion impact and reduce vibration.

Adjustable Velcro® wrist closure for a secure and comfortable fit.

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
AV-FGG	Fingerless grain leather with padded palm gloves	NO	8, 10	1	60

PRECISE HANDLING - Nitrile Coated

NITRILON NCN

Lightweight, low linting glove providing excellent dexterity.
Supple nitrile coating gives good resistance to oils, fats and grease.
Tough, hardwearing glove with good resistance to abrasion.
Available in 4 different colour combinations to suit different applications or to separate production or assembly areas.
Grey and white version is suitable for food use (see product data sheet for food categories covered).
Close fitting and seamless construction ensures wearer comfort.



Typical Applications



Code	Style	EN388	Sizes	Pack	Case
NCN	Grey palm coated gloves, white shell	4121	6 - 10	10	120
NCN-GG	Grey palm coated gloves, grey shell	4121	7 - 10	10	120
NCN-BB	Black palm coated gloves, black shell	4121	7 - 10	10	120
NCN-RED	Red palm coated gloves, black shell	4121	7 - 10	10	120



4121



NCN only

NITRILON NCN-FC

All the advantages of our NCN gloves but with a **full nitrile coating** for added protection and grip in wet or oily situations.

Snug fitting design for improved dexterity.



Typical Applications



Code	Style	EN388	Sizes	Pack	Case
NCN-FC	Blue fully coated gloves, white shell	4121	7 - 11	10	120



4121

PRECISE HANDLING - Nitrile Coated



NITRILON NCN-FC77K

Fully coated lightweight glove designed for wet or oily situations.

Additional **second foam nitrile coating** to the palm and extending over the knuckle area enhances the grip for safe, secure handling.

Seamless construction of the nylon liner ensures wearer comfort whilst maintaining dexterity.

Ideal for precise handling applications.

Hard wearing glove with good resistance to abrasion.

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
NCN-FC77K	Dual coated nitrile gloves	4121	7 - 11	10	120



NITRILON MAX (SERIES)

Nylon and Lycra blend liner providing one of the most comfortable and supportive gloves on the market.

Foam nitrile coating specially developed for outstanding grip when precision handling is required.

Good abrasion resistance with maximum dexterity.

Seamless construction and breathable coating ensures outstanding wearer comfort during extended wear.

Available in palm, knuckle or fully coated versions to suit all applications.

Typical Applications



4132

Code	Style	EN388	Sizes	Pack	Case
NITRILON MAX-1	FOAM nitrile palm coated gloves, grey shell	4132	7 - 10	10	120
NITRILON MAX-K	FOAM nitrile knuckle coated gloves, grey shell	4132	7 - 10	10	120
NITRILON MAX-FC	FOAM nitrile fully coated gloves, grey shell	4132	7 - 10	10	120

PRECISE HANDLING - Nitrile Coated



NITRILON MAX-1D

Nylon and Lycra blend liner providing one of the most comfortable and supportive gloves on the market.

Foam nitrile coating specially developed for outstanding grip when precision handling is required.

Additional **nitrile dotting** to palm increases grip performance and durability.

Good abrasion resistance with maximum dexterity.

Seamless construction and breathable coating ensures outstanding wearer comfort during extended wear.

Typical Applications



4121

Code	Style	EN388	Sizes	Pack	Case
NITRILON MAX-1D	FOAM nitrile palm coated and dotted nylon and lycra glove	4121	7 - 10	10	120



NITRILON MAX-80

Nylon and Lycra blend liner providing one of the most comfortable and supportive gloves on the market.

Foam nitrile coating specially developed for outstanding grip when precision handling is required.

Additional **nitrile raised lattice** pattern to the palm.

Seamless construction and breathable coating ensures outstanding wearer comfort during extended wear.

The patterned palm helps disperse liquids more easily and so improves performance in wet or oily applications.

Typical Applications



4122

Code	Style	EN388	Sizes	Pack	Case
NITRILON MAX-80	FOAM nitrile lattice palm coated, nylon textured glove	4122	7 - 10	10	120

PRECISE HANDLING - Nitrile Coated

NITRILON-FLEX

Seamless, 15 gauge lightweight Nylon and Lycra liner ensures a snug, comfortable fit.

Innovative **foam PVC** coating is extremely flexible and easy to wear.

The improved grip from the **foam PVC** reduces hand fatigue and provides safe, secure handling in a wide variety of applications.

Excellent dexterity, performance and wearer comfort.



Typical Applications



2131

Code	Style	EN388	Sizes	Pack	Case
NITRILON FLEX	FOAM PVC palm coated nylon gloves	2131	7 - 10	10	120

NITRILON NCN-F

Premium quality **foam nitrile** coated glove.

Specially formulated coating allows moisture and oil to be conducted away from the surface for much improved grip.

Lightweight, seamless nylon liner with breathable coating is ideal for extended wear.

Comfortable and extremely flexible, this glove gives excellent dexterity for precise handling.



Typical Applications



3131

Code	Style	EN388	Sizes	Pack	Case
NCN-F	FOAM Nitrile palm coated nylon gloves	3131	7 - 10	10	120

PRECISE HANDLING - Nitrile Coated



Compliant with the latest Oeko-Tex® standards for environmentally friendly textiles.



Patented NFT™ foam nitrile coating specially developed for outstanding grip



Actifresh® treated to prevent bacterial growth and improve hygiene.

ADEPT

Nylon and Lycra blend liner providing one of the most comfortable and supportive gloves on the market.

Patented **NFT™** foam nitrile coating specially developed for outstanding grip when precision handling is required.

Superior grip on wet and oily items as well as in dry conditions.

Actifresh® treated to prevent bacterial growth and improve hygiene.

Compliant with the latest Oeko-Tex® standards for environmentally friendly textiles.

Good abrasion resistance with maximum dexterity.

Seamless construction and breathable coating ensures outstanding wearer comfort during extended wear.

Available in palm, knuckle or fully coated versions to suit all applications.

Typical Applications



4141

Code	Style	EN388	Sizes	Pack	Case
ADEPT-PC	NFT® FOAM nitrile palm coated gloves, grey shell	4141	7 - 10	10	120
ADEPT-KC	NFT® FOAM nitrile knuckle coated gloves, grey shell	4141	7 - 10	10	120
ADEPT-FC	NFT® FOAM nitrile fully coated gloves, grey shell	4141	7 - 10	10	120



NITRILON 925

Lightweight, versatile and economical style glove.

Nitrile **foam** coating improves grip performance in wet or oily situations and increases durability.

Available in **palm, knuckle and fully coated** versions for precise protection.

Seamless Nylon liner is soft and flexible for extended wear.

Available in white, grey or black versions to suit different applications or to separate production areas.



4121

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
NITRILON 925	Nylon glove with FOAM nitrile palm coated (specify colour)	4121	7 - 10	10	120
NITRILON 925K	Nylon glove with FOAM nitrile knuckle coated (specify colour)	4121	7 - 10	10	120
NITRILON 925FC	Nylon glove with FOAM nitrile fully coated (specify colour)	4121	7 - 10	10	120

PRECISE HANDLING - PU Coated



 **Part of the UC
Colour Coded Range**



PCN

Superb dexterity for delicate handling due to the thin, flexible PU coating.

Lightweight Nylon liner is snug fitting and comfortable to wear.

Good resistance to a range of common fuels and solvents.

FOUR different colour versions available.

The **NEW** red version is ideally suited for use in the construction industry and is part of our colour coded range. This **RED** version is also available with **exposed thumb and first 2 fingers** for very delicate handling.

Black and grey versions are ideal for dirtier environments with a white version for use where product protection from contamination is a priority.

Fingertip only coated version available to increase versatility and dexterity.



Typical Applications



 Please see table

Code	Style	EN388	Sizes	Pack	Case
PCN-RED	Red nylon glove with black PU coated palm	4121	7 - 11	10	240
PCN-12-RED	Red nylon glove with black PU coated palm, part fingered.	4131	7 - 10	10	120
PCN-BLACK	Black nylon glove with black PU coated palm	4121	6 - 11	10	240
PCN-GREY	Grey nylon glove with grey PU coated palm	4121	6 - 11	10	240
PCN-WHITE	White nylon glove with white PU coated palm	4121	6 - 11	10	240
PCN-FT	White nylon glove with white PU coated finger tips	0131	7 - 10	10	240

PCN-LITE

Extra fine 18 gauge lightweight Nylon liner is soft and easy to wear for extended periods.

Superb dexterity for delicate handling due to the thin, flexible PU coating.

Ultimate lightweight glove for high end precision work in wet or dry situations.



Typical Applications



3121

Code	Style	EN388	Sizes	Pack	Case
PCN-LITE	Blue nylon black ultra-thin PU palm coated gloves	3121	7 - 10	10	120

PCN-ANTISTATIC

Nylon / carbon liner is designed to dissipate static charge to meet the requirements of EN 1149-1.

Lightweight, close fitting and comfortable to wear.

Excellent dexterity for precise handling due to the thin flexible PU coating.



Typical Applications



4131

Code	Style	EN388	Sizes	Pack	Case
PCN-ANTISTATIC	Anti-static PU palm coated gloves	4131	7 - 10	12	144

GENERAL HANDLING - Latex Coated



ACEGRIP-LITE

Fine Nylon liner gives a closer fit than traditional liners.

Crinkle latex coating provides excellent grip for a wide range of applications.

Tough and durable glove with good resistance to abrasion.

Soft and comfortable to wear.



Typical Applications



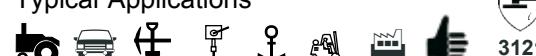
EKOGRIP

Economical glove for a wide range of applications.

Mixed fibre shell is soft and comfortable to wear with excellent breathability.

Thin "splash" latex coating to the palm improves grip and increases durability.

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
EKOGRIP	Mixed fibre palm coated latex glove	3121	8 - 10	10	120



LGB

Premium quality fully coated latex glove.

High quality jersey liner for wearer comfort, especially in outdoor occupations.

Tough crinkle latex improves grip and durability.

Fully coated for additional protection to the back of the hand.

Excellent for wet situations where safe, secure handling is required.

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
LGB	Premium FULLY COATED latex glove	2131	8 - 10	12	72

GENERAL HANDLING - Latex Coated

ACEGRIP

Tough, general purpose glove suitable for a wide variety of applications.

Seamless polycotton liner is soft and comfortable for the wearer.

Crinkle finish latex coating gives excellent grip.

Good durability and resistance to abrasion.

Available in a range of colours including RED.

Fully coated version available soon.

Part of the UC
Colour Coded Range



Please see table

Typical Applications



Code	Style	EN388	Sizes	Pack	Case
ACEGRIP-RED	RED Polycotton crinkle latex palm coated gloves	3142	7 - 10	10	120
ACEGRIP-ORANGE	ORANGE Polycotton crinkle latex palm coated gloves	3142	7 - 10	10	120
ACEGRIP-BLUE	BLUE Polycotton crinkle latex palm coated gloves	3142	8- 10	10	120
ACEGRIP-GREEN	GREEN Polycotton crinkle latex palm coated gloves	3142	7 - 10	10	120
ACEGRIP-FC	GREY Polycotton crinkle latex FULLY coated gloves	2142	7 - 10	10	120

GENERAL HANDLING - Nitrile Coated



ARMALITE

Nitrile coating gives good resistance to oils, fats and grease.

Excellent resistance to abrasion and more durable than PVC.

Lightweight coating remains flexible and allows good dexterity.

Soft interlock liner for wearer comfort in extended periods of use.

Available with palm coating or in a fully coated version where extra protection is required against wet conditions.

Typical Applications



2111

Code	Style	EN388	Sizes	Pack	Case
AV727P	Blue medium weight nitrile palm coated gloves	2111	7 - 10	12	144
AV725P	Yellow medium weight nitrile palm coated gloves	2111	7 - 10	12	144
AV728	Blue medium weight nitrile fully coated gloves	2111	7 - 10	12	144



ARMANITE

This nitrile glove is designed for more demanding applications.

Heavyweight nitrile coating gives excellent protection against cuts and abrasion.

Excellent resistance to a range of dilute chemicals, oil and grease.

Soft high quality jersey liner for wearer comfort.

Actifresh™ treated to promote freshness.

Available in palm or fully coated versions with knit wrist or safety cuff.

Typical Applications



4221

Code	Style	EN388	Sizes	Pack	Case
A827	Blue heavy weight nitrile, fully coated, safety cuff gloves	4221	9 - 10	12	144
A827P	Blue heavy weight nitrile, palm coated, safety cuff gloves	4221	9 - 10	12	144
A825	Blue heavy weight nitrile, fully coated, knit wrist gloves	4221	8 - 10	12	144
A825P	Blue heavy weight nitrile, palm coated, knit wrist gloves	4221	8 - 10	12	144

MIXED FIBRE

Economical mixed fibre glove suitable for low risk applications.

Seamless ambidextrous construction ensures wearer comfort and durability.

Available in different colours to suit particular tasks.

Typical Applications



CE Minimal Risks

Code	Description	Sizes	Pack	Case
MF-natural	Mixed fibre off white gloves	S,M,L	12	240
MFB-blue	Mixed fibre blue gloves	S,M,L	12	240

**MIXED FIBRE DOTTED**

Seamless, heavier weight mixed fibre gloves suitable for a variety of applications.

PVC dotting to the palm area improves performance and durability.

Available in different colours to suit various working and handling situations.

Tough, hardwearing and economical style.

Certified to EN 388.

Typical Applications



1131

Code	Style	EN388	Sizes	Pack	Case
PD7W	Off white gloves with red PVC dotting	1131	S-XL	12	240
PD7G	Grey gloves with red PVC dotting	1131	S-XL	12	240
MFBD	Blue gloves with red PVC dotting	1131	S,M,L	12	240



Colours may vary

CROSS GRIP

Seamless, heavier weight mixed fibre gloves suitable for a variety of applications.

Soft PVC web pattern enhances grip and improves comfort.

Snug knit wrist and ambidextrous design.

Tough, hardwearing and economical style.

Typical Applications



1131

Code	Style	EN388	Sizes	Pack	Case
CGM	Cross grip gloves	1131	L	12	144



GENERAL HANDLING - Low Lint

This style is also available in
BLUE and in a white
non-dotted version



NLN LOW LINT

Low linting Nylon shell to minimise contamination of products.

Soft, seamless construction for wearer comfort in a range of sizes to ensure a secure, snug fit. PVC dotting to palm and PVC fingertips to improve grip and durability (plain non-dotted version also available).

Good dexterity across a wide range of applications.

Part and fully fingerless versions available where delicate and precise handling is required.

Typical Applications



2141

Code	Style	EN388	Sizes	Pack	Case
NLNW	White, NON-DOTTED, full fingered gloves (not shown)	2141	7 - 10	10	240
NLNW-D	White, single side dotted, FULL FINGERED gloves	2141	7 - 10	10	240
NLNW-D3F	White, single side dotted, exposed index finger and thumb tip gloves	2141	7 - 10	10	240
NLNW-DF	White, single side dotted, fingerless gloves	2141	7 - 10	10	240
NLNB-D	Blue, single side dotted, FULL FINGERED gloves (not shown)	2141	7 - 10	10	240

STP13

Lightweight 15 gauge close fitting polyester glove with good dexterity.

Excellent for precise general handling and inspection

Comfortable to wear for low risk applications.



Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
STP13	15 gauge polyester gloves	8, 10, 11	12	240

MICRO-DOT

Lightweight close fitting knitted glove with good dexterity.

Cotton and Lycra construction helps ensure breathability and elasticity.

PVC "micro-dots" provide additional grip especially on small items.

Soft, seamless glove for exceptional comfort.



Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
STMD	Cotton & Lycra PVC micro dotted gloves	7 - 10	12	300

GENERAL HANDLING - Premium Dotted



NC10D (D)

Soft polyamide yarn plaited with cotton produces a highly comfortable, soft, seamless liner for extended wear.

Close fitting style for dexterity in a variety of applications.

PVC dotted palm and PVC coated fingertips improve grip performance.

Also available in ambidextrous double dotted style for economy and durability.

Typical Applications



2142

Code	Style	EN388	Sizes	Pack	Case
NC10D	Single side PVC dotted gloves	2142	S - XL	10	120
NC10DD	Both sides PVC dotted gloves	2142	S - XL	12	240



NAC7

Strong seamless 7 gauge Nylon glove with integral cotton liner.

Hardwearing with economical **Cut Level 2** protection.

Integrated cotton liner improves wearer comfort.

PVC dotting to palm, PVC coated fingertips and thumb crotch improve performance and durability.

Suitable for a wide range of applications.

Typical Applications



2241

Code	Style	EN388	Sizes	Pack	Case
NAC7	Nylon and cotton, PVC dotted gloves	2241	8 - 10	12	144

GENERAL HANDLING- Medium/Heavy Duty

GENERAL HANDLING

NLF13 LOW LINT

Low linting construction to minimise transfer of glove fibres to products or production processes.

Soft, seamless white Nylon 13 gauge shell for superb comfort.

Snug fitting to aid dexterity.

Extended cuff version available for forearm protection.

Dotted versions also available (please see page 37).



Typical Applications



1142

Code	Style	EN388	Sizes	Pack	Case
NLF-13 WHITE	Nylon low lint, white gloves	1142	7 - 10	12	240
NLF13-35	Nylon low lint, extended cuff, white gloves	1142	8 - 10	12	240

NG6 NYLON/COTTON

Tough, seamless 7 gauge Nylon glove for hardworking applications.

Integral cotton liner increases wearer comfort.

Hardwearing with economical **Cut Level 2** protection.

Available in a range of sizes to ensure a snug fit and maximum dexterity.

Tested for **Contact Heat Protection, Level 1**.



Typical Applications



2241 X1XXXX

Code	Style	EN388	EN407	Sizes	Pack	Case
NG6	Nylon and cotton, heavy duty gloves	2241	X1XXXX	M, L, XL	12	144

GENERAL HANDLING-Mechanics Style

**MECHANICS GLOVES**

Versatile range of mechanic's style gloves in 3 different styles to suit different applications.

Snug fitting with adjustable wrist closure for improved fit and comfort.

Reinforced wear areas for increased durability and strength.

Additional knuckle protection.

Typical Applications



2120

Code	Style	EN388	Sizes	Pack	Case
KM12	Mechanics glove, 2 fingers enclosed	2120	7 - 11	5	50
KM13	Mechanics glove, 3 fingers enclosed (main picture)	2120	7 - 11	5	50
KM15	Mechanics glove, all fingers enclosed	2120	7 - 11	5	50

GENERAL HANDLING - Drivers Style

LINED DRIVERS

High quality cow grain leather drivers style glove with open cuff.

Warm felt lining and elasticated back for snug comfortable fit.

Traditional, tough, hardwearing glove with good abrasion, cut and puncture resistance.

Ideal for outdoor use.

Available in premium or economic standard versions.

Typical Applications



2123



Code	Style	EN388	Sizes	Pack	Case
GLUD	Premium felt lined leather gloves	2123	L, XL	10	120
GLUD-V	Standard lined leather gloves (Minimal risks)	NO	L	10	120

KNIT WRIST DRIVERS

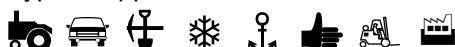
High quality cow grain leather drivers style glove with knit wrist.

Felt lining for warmth and comfort.

Traditional, tough, hardwearing glove which is ideal for both indoor and outdoor use.



Typical Applications



Code	Style	Sizes	Pack	Case
GLUD-KW	Premium felt lined leather knit wrist gloves	M, L	10	120

UNLINED DRIVERS

Unlined, high quality cow grain leather drivers style glove with open cuff.

Elasticated back for snug comfortable fit.

Traditional, tough, hardwearing glove with good abrasion, cut and puncture resistance.

Ideal for indoor or outdoor use.

Available in premium or economic standard versions.



Typical Applications



2123

Code	Style	EN388	Sizes	Pack	Case
UDGP	Premium un-lined leather gloves	2123	L	10	120
UDGP-V	Standard un-lined leather gloves (Minimal risks)	NO	L	10	120

GENERAL HANDLING - Leather Specialist



COW HIDE RIGGER

High quality cow grain leather rigger glove.
8 oz cotton drill backing and rubberised cuff for added wrist protection.
Fleecy palm lining for snug comfortable fit.
Traditional, tough, hardwearing glove with good abrasion, cut and puncture resistance.



Typical Applications



THERMAL RIGGER

Soft, high quality split leather rigger glove which is hardwearing and comfortable.
Thermal fleecy lining for warmth makes this glove ideal for outdoor applications and low temperature environments.
Stiff rubberised cuff and 8 oz heavy drill backing for strength and durability.
Good resistance to abrasion.



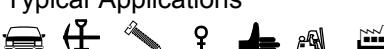
Typical Applications



AV-FGG FINGERLESS PADDED PALM

Black fingerless grain leather glove with absorbent fabric back.
Foam pad in the palm area helps to cushion impact and reduce vibration.
Adjustable Velcro® wrist closure for a secure and comfortable fit.

Typical Applications



CE Minimal Risks

Code	Style	EN388	Sizes	Pack	Case
AV-FGG	Fingerless grain leather with padded palm gloves	NO	8, 10	1	60

GENERAL HANDLING - Leather Heavy Duty

PREMIUM RIGGER

Traditional high quality split leather rigger glove.
Red or blue 8 oz cotton drill backing and rubberised cuff for strength and durability.
Knuckle strap and vein patch for increased protection.
Fleece palm lining for added comfort.
Tough hardwearing glove for many different applications, especially suited to oily operations.



Part of the **UC**
Colour Coded Range



Typical Applications



Code	Style	EN388	Sizes	Pack	Case
USUR-R	Premium leather rigger gloves, red backing	3142	L	10	100
USUR-PB	Premium leather rigger gloves, blue backing	3142	L	10	100

PREMIUM KNIT WRIST RIGGER

Knit wrist rigger style glove in high quality split leather.
Full leather index, fingertips and wing thumb for durability.
Soft fleece lining to palm for increased wearer comfort.
8 oz heavy drill backing for strength.
Good resistance to abrasion.
Tough hardwearing glove for many different applications, especially suited to oily operations.



Typical Applications



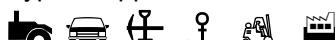
Code	Style	EN388	Sizes	Pack	Case
USCCFKL	Premium rigger style gloves with knit wrist	3142	L	10	120

PREMIUM DOUBLE PALM RIGGER

Strong, high quality leather rigger with double thickness leather on the main wear areas.
Soft fleece palm lining for increased wearer comfort.
Knuckle strap and vein patch for increased protection.
8 oz cotton drill backing and rubberised cuff for increased strength and protection.
Tough hardwearing glove for many different applications.



Typical Applications



Code	Style	EN388	Sizes	Pack	Case
UDPR	Premium double palm rigger gloves	3121	L	10	100

GENERAL HANDLING - Leather



STANDARD COTTON & CHROME

Economical split leather glove with cotton backing and knitted cuff.

Ideal for low risk applications.

Typical Applications



Sizes	Pack	Case
Mens	10	300



PREMIUM COTTON & CHROME

Superior cotton and chrome glove.

Full leather index, fingertips and wing thumb for durability.

Quality leather construction.

Heavyweight cotton drill backing.

Hardwearing glove with good resistance to abrasion.

Typical Applications



3142

Code	Style	EN388	Sizes	Pack	Case
USCCR	Premium cotton & chrome gloves	3142	8, 10	10	150



STANDARD RIGGER

Standard split leather rigger with striped cotton back.

Pasted cuff and leather knuckle strap.

Economical style for a variety of low risk applications.

Typical Applications



Code	Style	Sizes	Pack	Case
USTR / USTRL	Standard split leather rigger gloves	Mens, Ladies	10	120



STANDARD FURNITURE HIDE RIGGER

Standard furniture hide leather rigger with striped cotton back, pasted cuff and leather knuckle strap.

Economical style for a variety of low risk applications.

Available in either rainbow or block colours.

Typical Applications



Code	Style	Sizes	Pack	Case
UFHR	Standard rainbow furniture hide rigger gloves	10	10	120
UFHB	Standard block furniture hide rigger gloves	10	10	120

GENERAL HANDLING - Stockinette

GENERAL HANDLING

STANDARD STOCKINETTE

Economical stockinette glove with knit wrist.
Ideal for product protection or light handling applications.
Can also be used as a liner under other glove or gauntlet styles.

Typical Applications

CE Minimal Risks



HIGH QUALITY STOCKINETTE

High quality stockinette.
Knit wrist for secure fit.
Ideal for product protection or light handling applications.

Typical Applications

CE Minimal Risks



HIGH QUALITY EXTRA LONG STOCKINETTE

High quality stockinette glove with extended cuff.
Ideal for product protection or light handling applications.
Useful protection to the wrist or for use as a liner in gauntlet styles.
Overall length approximately 30 cm.

Typical Applications

CE Minimal Risks



HIGH QUALITY BLEACHED STOCKINETTE

High quality bleached stockinette.
Fourchette, open cuff styling for wearer comfort and easy donning.
Ideal for product protection or light handling applications.

Typical Applications

CE Minimal Risks



Code	Style	Sizes	Pack	Case
STOCBL	Premium bleached stockinette open cuff gloves	Mens, Ladies	12	600

GENERAL HANDLING - Lightweight



NYLON PROFILE

Lightweight close fitting nylon glove with good dexterity.

Low linting so ideal for delicate handling or product protection where lint transfer must be kept as low as possible.

Comfortable to wear for low risk applications.

Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
NP	Nylon profile gloves (limited stocks)	Mens, Ladies	10	600



STP13

Lightweight 15 gauge close fitting polyester glove with good dexterity.

Excellent for precise general handling and inspection

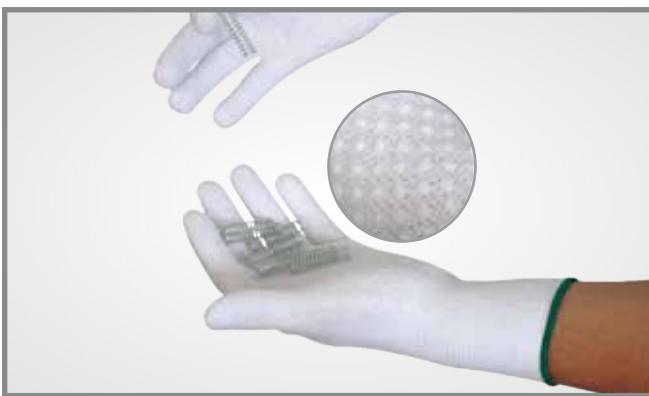
Comfortable to wear for low risk applications.

Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
STP13	15 gauge polyester gloves	8, 10, 11	12	240



MICRO-DOT

Lightweight close fitting SEAMLESS knitted glove with good dexterity.

Cotton and Lycra construction ensures breathability and elasticity.

PVC "micro-dots" provide exceptional grip especially on small items

Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
STMD	Cotton & Lycra with PVC micro dotted gloves	7 - 10	12	300



COTTON DRILL

Cotton drill glove with knit wrist and clute cut back for wearer comfort.

Ideal for light handling and low risk applications.

Available with PVC dotting to the palm for enhanced grip and durability.

Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
CD8M	Cotton drill gloves	Mens	12	300
CDPDM	Cotton drill PVC dotted gloves	Mens	10	300

STANDARD RED PVC

Red PVC gloves for a wide range of applications.
 Interlock liner and knit wrist for secure and comfortable fit.
 Tough hardwearing glove in both wet and dry situations.
 Open back version available for breathability.
 Gauntlet styles also available in 27cm or 35cm lengths to suit specific requirements.

Please note Size 9 1/2 is equivalent to Euro Size 10

**Typical Applications**

4111

Code	Style	EN388	Sizes	Pack	Case
R125	Standard PVC, knit wrist gloves	4111	6 1/2 - 9 1/2	12	120
R127	Standard PVC, 11 inch gauntlet	4111	8 1/2 - 10 1/2	12	120
R135	Standard PVC, 14 inch gauntlet	4111	9 1/2	12	120

HEAVY DUTY GREEN PVC

Tough double dipped Green PVC glove with good dexterity.
 Sand finish for improved grip in all conditions, especially oily or wet applications.
 Good resistance to abrasion makes this style extremely hardwearing and durable.
 Fleece cotton jersey lining for comfort and warmth.
 Actifresh® treated to promote freshness in extended wear.

Please note Size 9 1/2 is equivalent to Euro Size 10

**Typical Applications**

4121

Code	Style	EN388	Sizes	Pack	Case
V325	Heavy duty PVC, knit wrist gloves	4121	9 1/2	12	72

CHEMICAL HANDLING - PVC



STANDARD CHEMICAL PVC

Red PVC Gauntlets suitable for use with a range of chemicals and solvents.

Tough hardwearing glove ideal for use in both dry and wet situations.

Cotton interlock liner for comfort in extended wear. Treated with Actifresh® to kill bacteria and promote freshness.

Available in different lengths to meet specific requirements and protection.

Please note Size 9 ½ is equivalent to Euro Size 10

Typical Applications



4121 A K L

Code	Style	EN388	EN374	Sizes	Pack	Case
R227	Chemical resistant 11 inch gauntlet	4121	A K L	9 ½	12	120
R235G	Chemical resistant 14 inch gauntlet	4121	A K L	9 ½	12	120
R240G	Chemical resistant 16 inch gauntlet	4121	A K L	9 ½	12	72
R245G	Chemical resistant 18 inch gauntlet	4121	A K L	9 ½	12	72



PREMIUM CHEMICAL PVC

Heavyweight, heavy duty gauntlets for more demanding applications.

Superior protection against a range of chemicals.

Cotton interlock liner for comfort in extended wear.

Treated with Actifresh to kill bacteria and promote freshness.

Available in different lengths to meet specific requirements and protection.

Please note Size 9 ½ is equivalent to Euro Size 10

Typical Applications



3121 J K L

Code	Style	EN388	EN374	Sizes	Pack	Case
RH2245	Heavyweight chemical resistant 18 inch gauntlet	3121	J K L	9 ½	12	72
RH2258	Heavyweight chemical resistant 22 inch gauntlet	3121	J K L	9 ½	6	36

CHEMICAL HANDLING - PVC

GREEN DOUBLE DIP CHEMICAL PVC

Tough double dipped Green PVC Gauntlets available in 3 different lengths.

Excellent protection against a range of chemicals and solvents.

Sand finish for improved grip in all conditions, especially oily or wet applications.

Good resistance to abrasion makes this style extremely hardwearing and durable.

Fleece cotton jersey lining for comfort and warmth, or with an interlock liner for low linting applications.

Actifresh treated to promote freshness in extended wear.

Typical Applications



Code	Style	EN388	EN374	Sizes	Pack	Case
V327	Heavyweight green chemical resistant 11 inch gauntlet	4121	J K L	9½, 10½	12	72
V335	Heavyweight green chemical resistant 14 inch gauntlet (Jersey lining)	4121	J K L	9½, 10½	12	72
V335T	Heavyweight green chemical resistant 14 inch gauntlet (Interlock lining)	4121	J K L	9½	12	72
V340	Heavyweight green chemical resistant 16 inch gauntlet (Jersey lining)	4121	J K L	9½	12	72
V340T	Heavyweight green chemical resistant 16 inch gauntlet (Interlock lining)	4121	J K L	9½	12	72

*Please note Size 9 ½ is equivalent to Euro Size 10
Size 10 ½ is equivalent to Euro Size 11*



R530 PVC

Extra soft triple dipped PVC which remains flexible at low temperatures.

Triple dip finish is highly resistant to a range of chemicals and is especially suitable for use with oils, fats and grease.

Sand finish improves grip performance for both wet and dry applications.

Soft cotton interlock liner and Actifresh treated to promote freshness and kill bacteria.

Typical Applications



Code	Style	EN388	EN374	Sizes	Pack	Case
R530	Soft PVC 12 inch gauntlet	4121	J K L	L - XXL	12	120



SLEEVED CHEMICAL PVC

Hardwearing sleeved PVC Gauntlets with overall length of 65 cm.

Protection against a wide range of chemicals, oils and solvents.

Ideal for use in wet or dirty applications.

Interlock liner for comfort and warmth.

Treated with Actifresh® to kill bacteria and promote freshness.

Typical Applications



Code	Style	EN388	EN374	Sizes	Pack	Case
R265E	Heavyweight sleeved chemical resistant 26 inch gauntlet	4121	A K L	9 ½	6	36

CHEMICAL HANDLING - Rubber



LHD27 RUBBER

Medium Duty Natural Rubber Gauntlets.

Chemically toughened for good resistance to dilute acids and alkalis.

Slip resistant pattern on palm and fingertips to improve grip.

Soft cotton flock lining absorbs moisture.

Typical Applications



3121

Code	Style	EN388	EN374	Sizes	Pack	Case
LHD27	Medium duty chemical resistant 13 inch gauntlet, black	3121	YES	7 - 11	10	100



ULBK36 RUBBER

Heavy Duty Natural Rubber Gauntlet designed for more demanding applications where both chemical and mechanical protection is required.

Chemically toughened to improve protection against many acids, alkalis, detergents and ketones.

Slip resistant pattern on palm and fingertips to improve grip.

Unlined and sanitized to inhibit bacterial growth.

Suitable for Food Use.

Typical Applications



4131

Code	Style	EN388	EN374	Sizes	Pack	Case
ULBK36	Heavy duty chemical resistant 18 inch gauntlet, black	4131	YES	9 - 10	6	36



NEO-400 NEOPRENE

Heavy duty neoprene Rubber Gauntlets.

Good resistance to most solvents, mild acids, oils and fat.

'Lozenge' pattern on palm and fingertips improve grip performance.

Hardwearing and versatile for many different applications.

Soft and flexible with good dexterity.

Flock lined for wearer comfort.

Sanitized to inhibit bacterial growth.

Typical Applications



3111

Code	Style	EN388	EN374	Sizes	Pack	Case
NEO-400	Heavy duty chemical resistant 13 inch gauntlet, black	3111	YES	7 - 11	10	100

NRNF-15 NITRILE

Premium Lightweight Nitrile Gauntlet designed for applications where chemical and mechanical protection is required.

Excellent resistance against oils, fats, bleaching agents and solvents.

'Lozenge' pattern on palm and fingertips improves grip and performance.

Hardwearing glove with superior abrasion resistance.

Specially formulated for improved dexterity and minimal finger fatigue.

Flock lined for moisture absorption.

Suitable for Food Use.



Typical Applications



Code	Style	EN388	EN374	Sizes	Pack	Case
NRNF-15 GREEN	Premium green chemical resistant 13 inch nitrile gauntlet	4002	AJK	7 - 12	10	100
NRNF-15 BLUE	Premium blue chemical resistant 13 inch nitrile gauntlet	4002	AJK	7 - 11	10	100

NITRA-NL15 NITRILE

Standard Lightweight Nitrile Gauntlet.

Good protection against a wide range of solvents and chemicals.

Sandy, roughened finish to palm and fingertips to improve grip in both wet and dry applications.

Hard wearing and versatile for many different applications.

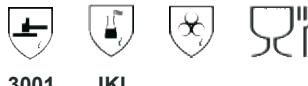
Soft and flexible with good dexterity.

Flock lined for wearer comfort.

Suitable for Food Use.



Typical Applications



Code	Style	EN388	EN374	Sizes	Pack	Case
NL-15 GREEN	Standard green chemical resistant 13 inch nitrile gauntlet	3001	JKL	7 - 11	10	100

CHEMICAL HANDLING - General



RNF-20 NITRILE

Strong durable Nitrile Gauntlet for more demanding applications with excellent resistance to a wide range of solvents and chemicals.

Thicker and longer than standard versions for increased protection against solvents, oils and fats.

Specially formulated for dexterity and minimal finger fatigue.

'Lozenge' pattern on palm and fingertips to improve grip performance.

Flock lined for comfort and suitable for food use.

Typical Applications



4002

AKL

Code	Style	EN388	EN374	Sizes	Pack	Case
RNF-20 GREEN	Premium green chemical resistant 16 inch nitrile gauntlet	4002	AKL	8 - 11	6	36



A930 HEAVY GRIP NITRILE

Premium Heavy Duty Nitrile Gauntlet on a soft cotton interlock liner.

Designed for applications where chemical and mechanical protection is required.

Good protection against a range of chemicals and solvents.

Rough, textured finish enhances grip in all applications.

Hardwearing glove with superior abrasion resistance for more demanding tasks.

Typical Applications



3121

Code	Style	EN388	EN374	Sizes	Pack	Case
A930	Premium heavy duty, 12 inch lined nitrile gauntlet	3121	YES	8 - 11	10	120

CHEMICAL HANDLING - Janitorial

LG-30 MASTER GRIP

Latex Gauntlet offering protection against a range of chemicals.

Excellent abrasion resistance due to the extra thick latex coating on palm area.

Crinkle finish improves grip performance for wet and slippery items.

Cotton Interlock lining for wearer comfort.

Soft and flexible gauntlet with good dexterity.

Typical Applications



4141 AKL

X1XXXX



Code	Style	EN388	EN374	EN407	Sizes	Pack	Case
LG-30	Heavy duty 12 inch latex gauntlet	4141	AKL	X1XXXX	8.5-9, 9.5-10	12	48

LHP 300 HEVEAPRENE

Heveaprene Latex glove with a neoprene reinforced hand area.

Triple dipped for more demanding applications.

Good protection against fats and oils.

Slip resistant pattern improves grip.

Excellent abrasion resistance.

Cotton flock lined to absorb moisture.

Typical Applications



4121



Code	Style	EN388	EN374	Sizes	Pack	Case
LHP-300	Heavy duty 12 inch neoprene reinforced latex gauntlet	4121	YES	7 - 11	10	100

VLX HOUSEHOLD

Household Rubber Gauntlets for a variety of applications.

Flock lined for wearer comfort.

Embossed pattern on palm to improve grip.

Suitable for Food Use.

Typical Applications



Code	Style	Sizes	Pack	Case
VLX/YE	Standard yellow household style 11½ inch gauntlet	7 - 10	10	100
VLX/BL	Standard blue household style 11½ inch gauntlet	7 - 10	10	100

CE Minimal Risks

GENERAL HANDLING - Disposables



LATEX DISPOSABLES

Latex disposable glove offering excellent dexterity for precise applications or product protection.
Textured palm for improved grip.
Rolled cuff for added strength.
Available in lightly powdered or powder free versions.

Typical Applications



***Please note this item is sold in case quantities ONLY**

Code	Style	Sizes	Pack	Case
DGL	Disposable latex, powdered gloves (Box of 100 hands)	S -XL	1*	10
DGLF	Disposable latex, powder free gloves (Box of 100 hands)	S -XL	1*	10



VINYL DISPOSABLES

Vinyl disposable gloves suitable for a range of applications.
Contains no latex.
Rolled cuff for added strength.
Available in blue or clear, powdered and powderfree versions.

Typical Applications



Not suitable for "fatty" foods.

***Please note this item is sold in case quantities ONLY**

Code	Style	Sizes	Pack	Case
DG2VC	Disposable vinyl, clear powdered gloves (Box of 100 hands)	S -XL	1*	10
DG2VCF	Disposable vinyl, clear powder free gloves (Box of 100 hands)	S -XL	1*	10
DG2VB	Disposable vinyl, blue powdered gloves (Box of 100 hands)	S -XL	1*	10
DG2VBF	Disposable vinyl, blue powder free gloves (Box of 100 hands)	S -XL	1*	10



STRETCH VINYL DISPOSABLES

Stretch vinyl disposable gloves offering excellent dexterity for precise applications or product protection.
Economical alternative to natural latex.
Contains No latex.
Soft and comfortable to wear.
Powder free.

Typical Applications



***Please note this item is sold in case quantities ONLY**

Code	Style	Sizes	Pack	Case
DGSVF	Disposable STRETCH vinyl, clear powder free gloves (Box of 100 hands)	S -XL	1*	10

GENERAL HANDLING - Disposables

STANDARD NITRILE DISPOSABLES

Blue Nitrile disposable gloves for more demanding applications.

Good resistance to a range of dilute chemicals and oils.

Tougher than vinyl or latex disposables for increased durability.

Textured finish to enhance grip and maintain excellent dexterity.

Complex design.

Ambidextrous.

Suitable for Food Use.

Available in powdered or powder free versions.



Typical Applications



Code	Style	Sizes	Pack	Case
DGVN	Standard disposable nitrile, powdered gloves (Box of 100 hands)	S -XL	1*	10
DGVNF	Standard disposable nitrile, powder free gloves (Box of 100 hands)	S -XL	1*	10

***Please note this item is sold in case quantities ONLY**

PREMIUM NITRILE DISPOSABLES

Premium heavier weight Nitrile Disposable gloves for increased durability and hardwearing applications.

Good resistance to a range of dilute chemicals, oils and solvents.

Soft and comfortable to wear with excellent dexterity.

Textured finish for enhanced grip in precise applications.

Ambidextrous.

Complex design.

Available in powdered or powder free versions.



Typical Applications



Code	Style	Sizes	Pack	Case
DGN	Premium disposable nitrile, powdered gloves (Box of 100 hands)	S -XL	1*	10
DGNF	Premium disposable nitrile, powder free gloves (Box of 100 hands)	S -XL	1*	10

***Please note this item is sold in case quantities ONLY**

COLD CONDITIONS

THERMAL - Cold, Cut Resistant



ICETHERM XTREME

High resistant yarns with innovative technology giving maximum protection at **EN 388**
Cut Level 5.

Warm brushed acrylic liner provides good thermal protection.

Excellent for use in low temperatures where good cut protection is necessary.

Textured latex coating remains flexible at lower temperatures and enhances grip for wet, slippery items.

Extremely comfortable and dexterous to wear for extended periods in outdoor or winter conditions.

Typical Applications



4543 020

Code	Style	EN388	EN511	Sizes	Pack	Case
ICETHERM XTREME	Palm coated gloves	4 5 4 3	0 2 0	8 - 11	5	50



ACETHERM MAX-5

Intrinsic blend of HPPE & other cut resistant yarns to produce excellent cut resistance.

Integral brushed acrylic inner for added comfort and insulation to EN 511.

Tough nitrile coating for durability and suitable for oily and wet situations.

Ideal for use in outdoor or winter conditions as the nitrile coating maintains flexibility and dexterity in low temperatures.

Seamless integrated soft inner surface increases comfort in applications where high protection is required.

Typical Applications



4544 010

Code	Style	EN388	EN511	Sizes	Pack	Case
ACETHERM MAX-5	Palm coated gloves	4 5 4 4	0 1 0	9, 10	5	50

THERMAL - Cold, General Handling

COLD CONDITIONS

ACETHERM-F

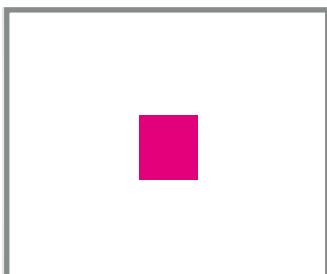
Extremely soft comfortable glove to wear in cold conditions.

Bright orange acrylic liner is brushed on the inside for added insulation and comfort.

Soft foam latex coating to palm enhances grip for both wet and dry handling.

Excellent dexterity as coating remains flexible in low temperatures.

Ideal glove for low light environments and outdoor wear.



Typical Applications



1221 010

Code	Style	EN388	EN511	Sizes	Pack	Case
ACETHERM-F	Palm coated gloves	1221	010	8 - 11	10	100

ACETHERM

Premium quality latex coated glove for use in cold conditions and low temperatures.

Brushed terry liner ensures excellent insulation, warmth and comfort.

Ideal for outdoor use with tough durable coating.

Superior Crinkle latex finish improves grip.

Soft and comfortable to wear for extended periods.



Typical Applications



2241 010

Code	Style	EN388	EN511	Sizes	Pack	Case
ACETHERM	Palm coated gloves	2241	010	7 - 10	10	100



Typical Applications



ACETHERM-HV

Premium quality latex coated glove for use in cold conditions and low temperatures.

Hi Vis Liner for added visibility in low light conditions.

Brushed Terry liner ensures excellent insulation, warmth and comfort.

Ideal for outdoor use with tough durable coating.

Superior Crinkle latex finish improves grip.

Soft and comfortable to wear for extended periods.



2241 020

Code	Style	EN388	EN511	Sizes	Pack	Case
ACETHERM-HV	Hi-Vis, latex palm coated gloves	2241	020	8 - 10	10	100



EKOTHERM

Warm comfortable glove ideal for working in low temperatures and outdoors.

Crinkle latex finish improves durability and grip performance.

Brushed acrylic liner ensures excellent insulation and comfort.

An economical thermal glove tested to EN 511 and EN 388.



Typical Applications



1142 010

Code	Style	EN388	EN511	Sizes	Pack	Case
EKOTHERM	Palm coated gloves	1142	010	7 - 10	10	120

THERMAL - Cold, General Handling

COLD CONDITIONS

ICETHERM BK

A premium glove designed to perform in extremely cold conditions.

Tough, tear resistant nylon outer is supplemented by an additional terry loop liner for outstanding insulation.

The foam PVC coating remains flexible at low temperatures and gives exceptional performance.

Soft and comfortable to wear with superb dexterity.

Knuckle coating provides additional protection to the back of the hand.



Typical Applications



3221 120

Code	Style	EN388	EN511	Sizes	Pack	Case
ICETHERM-BK	Knuckle coated gloves	3221	120	8 - 10	5	50

ICETHERM

A premium glove designed to perform in extremely cold conditions.

Tough, tear resistant nylon outer is supplemented by an additional terry loop liner for outstanding insulation.

The flexible polymer coating remains flexible at low temperatures and gives exceptional performance.

Soft and comfortable to wear with superb dexterity.

Knuckle coating provides additional protection to the back of the hand.



Typical Applications



See data sheet for food use categories

Code	Style	EN388	EN511	Sizes	Pack	Case
ICETHERM	Knuckle coated gloves	4222	X2X	M/L, L/XL, XL/XXL	10	50

THERMAL - Cold, General Handling



TS1 THERMAL

Lightweight glove constructed from 'Thermolite' yarn to provide superior thermal insulation in low temperatures.

Soft yarn and seamless construction make these gloves comfortable to wear for extended periods.

Tested for both mechanical and thermal protection.

Can be used on its own or as a thermal liner under other styles of gloves and gauntlets.

Ambidextrous for economy.

Also available in a dotted version with PVC dotting to the face for enhanced grip and durability.

Typical Applications



Please see table below



Code	Style	EN388	EN511	EN 407	Sizes	Pack	Case
TS1	Thin knitted thermal gloves	2121	010	X1XXXX	L	12	240
TS1D	Thin knitted thermal gloves with PVC dotting to face			Minimal Risks	L	12	240



PB7D THERMAL

A warm acrylic glove providing excellent thermal insulation against the cold.

Seamless and fast drying for comfort during extended periods of wear.

Extended close fitting wrist.

PVC dots to face enhance grip in a variety of applications.

Typical Applications



1141

Code	Style	EN388	Sizes	Pack	Case
PB7D	Knitted acrylic gloves with PVC dotting to face	1141	8, 9	12	240

THERMAL - Cold, General Handling

PB7FL THERMAL

Soft acrylic fingerless glove combining warmth with extra dexterity.

Seamless construction for comfort.

Ideal glove for low temperatures or outdoor work where maximum dexterity is required.



Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
PB7FL	Knitted fingerless blue acrylic gloves	single	12	240
PBK7FL	Knitted fingerless black acrylic gloves	single	12	240

ACRYLIC THERMAL

Economical thermal gloves knitted from a mixture of Acrylic and Spandex yarn.

Soft and comfortable to wear, this glove stretches to fit the individual wearer.

Standard BA13 may be used as a thermal liner inside other glove styles.

The slightly heavier BA10D has PVC dotting to the face for improved grip.



Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
BA13	Knitted black acrylic gloves	single	12	240
BA10D	Knitted black acrylic gloves with PVC dotting to face	single	12	240

THERMAL - Cold, General Handling



FREEZER GLOVES

High quality cow grain leather freezer glove designed for working in cold stores or extreme cold.

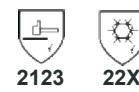
Fully lined with 3M Thinsulate® insulation for outstanding protection from cold.

Soft, grain leather helps to repel moisture and remains soft at low temperatures.

Extended knit wrist helps to seal in warmth and provide further protection.

Vein patch helps to protect the vulnerable wrist area.

Typical Applications



Code	Style	EN388	EN511	Sizes	Pack	Case
FG1	All grain leather gloves	2123	22X	L	2	50



THERMAL PVC

Bright orange insulated glove designed to remain flexible at low temperatures.

Durable, hardwearing glove for tough handling of wet or oily items in cold conditions.

Foam padding provides excellent insulation and the extended wrist seals in warmth.

Good resistance to a range of dilute chemicals, oils and greases.

Gauntlet version also available for added protection to the forearm.

Typical Applications



3121 111



4121 111 J K L

Code	Style	EN388	EN511	EN374	Sizes	Pack	Case
ALASKA-KW	Orange PVC gloves with knit wrist	3121	111	-	9 1/2	6	36
ALASKA-GT	Orange PVC gauntlet	4121	111	J K L	9 1/2	6	36

R530 PVC

Extra soft triple dipped PVC which remains flexible at low temperatures.

Triple dip finish is highly resistant to a range of chemicals and is especially suitable for use with oils, fats and grease.

Sand finish improves grip performance for both wet and dry applications.

Soft cotton interlock liner for comfort.

Good resistance to abrasion.

Actifresh treated to promote freshness and kill bacteria.



Typical Applications



4121 J K L

Code	Style	EN388	EN374	Sizes	Pack	Case
R530	Soft PVC 12 inch gauntlet	4121	J K L	L - XXL	12	120

R430 BOAFLEX

Hardwearing, double dipped PVC gauntlet designed for use in low temperatures.

Warm, acrylic and wool lining provides excellent thermal insulation and comfort.

Sandy finish provides excellent grip for wet items.

Good resistance to a range of chemicals and oils.

Actifresh treated to promote freshness.



Typical Applications



4121 121 A J L

Code	Style	EN388	EN511	EN374	Sizes	Pack	Case
R430	Boa lined PVC gauntlet	4121	121	A J L	M - XL	12	72

THERMAL - Hot, Cut Resistant



KK400 HEAT RESISTANT KEVLAR®

A heavyweight Kevlar® Gauntlet providing outstanding heat and cut protection.

Tested to EN 407 this gauntlet can withstand temperatures of up to **350 °C**.

Thick cotton liner provides extra insulation and ensures wearer comfort.

Cut level 5 protection.

Knitted, seamless construction gives excellent dexterity.

Extended cuff provides extra protection to the vulnerable wrist area.

Also available in longer length 16" Gauntlet for even greater protection to the forearm.

Typical Applications



2541 43432X

Code	Style	EN388	EN407	Sizes	Pack	Case
KK400	Heavy duty heat resistant Kevlar® 14 inch gauntlet	2541	43432X	11	1	50
KK400-16	Heavy duty heat resistant Kevlar® 16 inch gauntlet	2541	43432X	11	1	50

TCS48 HEAT RESISTANT

Designed for more demanding applications this heavy weight Terrycloth range provides excellent heat protection.

Double thickness Terry provides excellent insulation.

Seamless construction makes this glove comfortable and easy to wear for extended periods.

Available in either short elasticated wrist or flared gauntlet versions for specific applications.



Typical Applications



Code	Style	EN388	EN511	EN407	Sizes	Pack	Case
TCS48 GLOVE	48 oz seamless terry glove	1232	X10	02XXXX	L	6	72
TCS48 GAUNTLET	48 oz seamless terry gauntlet	1232	X10	02XXXX	L	6	72

TCM1 HEAT RESISTANT

Thermal Mitten designed to withstand temperatures of up to **350 °C** for short periods.

Double thickness cotton terrycloth to the hand area provides excellent insulation.

Extended cuff provides further protection to the wrist and forearm.

Ambidextrous design.



Typical Applications



Code	Style	EN388	EN407	Sizes	Pack	Case
TCM1	Double thickness terry mitten	2342	X34XXX	11/XL	6	36

THERMAL - Hot, General Handling



TCG HEAT RESISTANT

A traditional style Terrycloth range offering excellent heat protection up to 250 °C.

Heavyweight Cotton Terrycloth is soft and comfortable for the wearer.

Available in a range of styles to meet specific requirements.

Knit Wrist for a secure fit.

Canvas or all terry cuff where additional protection is required for the wrist and forearm.

Typical Applications



2232 X2XXXX

Code	Style	EN388	EN407	Sizes	Pack	Case
TCG32K	32 oz terry glove with knit wrist	2232	X2XXXX	L/XL	6	60
TCG32D6	32 oz terry gauntlet with extended canvas cuff	2232	X2XXXX	L/XL	6	60
TCG32T6	32 oz terry gauntlet with extended terry cuff	2232	X2XXXX	L/XL	6	60



HOTGRIP HEAT RESISTANT

Double thickness terrycloth glove providing heat protection up to 250 °C.

Nitrile Grip pattern to both sides improves grip performance for safe, secure handling.

Good resistance to cuts.

Soft and comfortable to wear.

Extended Cuff offers further protection to the wrist area.

Typical Applications



1232 02XXXX

Code	Style	EN388	EN407	Sizes	Pack	Case
HOTGRIP	Double thickness terry glove with nitrile grip on both sides	1232	02XXXX	11/XL	10	120

SEAMLESS TERRY GLOVE

Seamless, knitted high quality terrycloth for greater durability.
 Heat Protection up to 100 °C.
 Good resistance to abrasion and cuts.
 Extremely soft and flexible with excellent dexterity.

A range of compatible sleeves designed to compliment our glove range are available on Page 73



Typical Applications



2241 X14XXX

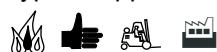
Code	Style	EN388	EN407	Sizes	Pack	Case
TCC24S	24 oz seamless terry gloves with knit wrist	2241	X14XXX	8, 10	12	144

STANDARD TERRY GLOVE

Traditional style, cut and sewn glove made from 32oz Terrycloth.
 Economical protection for minimal risk applications.
 Soft and comfortable to wear.



Typical Applications



CE Minimal Risks

Code	Style	Sizes	Pack	Case
TC32	32 oz traditional terry gloves with knit wrist	10	12	120

THERMAL - Hot Handling & Welding



*Double palm version
also available*

PREMIUM BLUE WELDER

Superior quality Welding Gauntlet made from high quality split leather.

Now available in standard or double palm versions

Reinforced thumb crotch for extra durability.

Fully lined for added heat insulation and comfort.

Good resistance to abrasion.

Tested to EN 388 and EN407 for mechanical and heat protection.



Typical Applications



EN12477/A1 Type A

See Table 413X4X

Code	Style	EN388	EN407	EN12477/A1	Sizes	Pack	Case
WGB	Premium blue welders gauntlet	4143	413X4X	Type A	XL	10	60
WGB/DP	Premium blue welders gauntlet with double palm	4244	413X4X	Type A	XL	10	60



STANDARD WELDER

Leather Welding Gauntlets made from good quality split leather.

Available in Green or Red and **now also available in a Red extended cuff version (16 inch)**

Fully lined for added insulation and comfort.

Good resistance to abrasion.

Tested to EN 388 and EN407 for mechanical and heat protection.



Typical Applications



*Extended (16")
version also available*



EN12477/A1 Type A

4143 413X4X

Code	Style	EN388	EN407	EN12477/A1	Sizes	Pack	Case
WGR	Red welders gauntlet	4143	413X4X	Type A	XL	10	60
WGR-16	Red welders gauntlet with extended cuff (overall length 16 inches)	4143	413X4X	Type A	XL	10	60
WGG	Green welders gauntlet	4143	413X4X	Type A	XL	10	60

TIG STYLE WELDER

Mordant Leather Welding Gauntlet.

Heavy duty split leather cuff.

Extremely soft and supple for dexterity.

Unlined.



Typical Applications



* Please Note

The exact EN specifications of these gloves may vary slightly

Code	Style	EN388	EN407	Sizes	Pack	Case
WGTIG	Tig style welder	2122*	412X4X*	XL	10	120

HEAT RESISTANT LEATHER

Specially treated leather resists stiffening when heated.

CW 226 lining to reduce heat transfer to the wearer.

Available with 4 or 8 inch cuff, or with aluminised back with wrist strap.

Extremely tough heat resistant glove for extreme applications.



Typical Applications



Please see table below



* Please Note

The exact EN specifications of these gloves may vary slightly

Code	Style	EN388	EN407	Sizes	Pack	Case
XHRG4	Heat resistant leather gauntlet with 4 inch cuff	4143*	X13144*	XL	1	N/A
XHRG8	Heat resistant leather gauntlet with 8 inch cuff	4143*	X13144*	XL	1	N/A
XHRG-AL	Heat resistant leather gauntlet with aluminised backing	4143*	X13144*	XL	1	N/A

ATG® - Specialised Handling



Typical Applications

4131



Code	Style	EN388	Sizes	Pack	Case
34-874	MaxiFlex® Ultimate, palm coated	4131	5 - 11	12	144
34-875	MaxiFlex® Ultimate, ¾ (knuckle) coated	4131	5 - 11	12	144
34-847	MaxiFlex® Endurance, dotted, fully coated	4131	5 - 11	12	144

MaxiFlex®

Designed and developed as a breathable glove, MaxiFlex® has become the benchmark for precision handling in dry environments.



Patented micro-foam nitrile coating offers 360° breathability.



Optimized grip delivered through our micro-cup finish, allows for a controlled grip.



Mimics the "hand at rest", reducing hand fatigue and increasing comfort.

MaxiFlex® Endurance incorporates raised micro dots to increase durability and offer more cushioning in highly repetitive applications requiring precision handling.



MaxiTherm®

Tough and flexible coating of natural latex on a seamless liner.

Brushed liner is soft and comfortable and keeps warm in cold conditions.

Non Slip Grip improves grip performance in wet applications.

Anatomically designed hand shape helps to reduce hand fatigue.

Flat dipping technology improves breathability and reduces perspiration.



Typical Applications

Code	Style	EN388	EN511	EN407	Sizes	Pack	Case
30-201	MaxiTherm®, palm coated	1241	X1X	X2XXXX	6 - 10	12	72



MaxiCut® Dry

Designed and developed as a breathable cut resistant glove, MaxiCut® Dry combines cut protection with comfort, flexibility and dexterity for dry environments.

Available in 2 cut levels, 3 or 5.

Reinforcement between the thumb and forefinger improves cut resistance and extends the glove life in an inherently weak area.

Typical Applications



Please see table below



Code	Style	EN388	Sizes	Pack	Case
34-450	MaxiCut Dry®, palm coated, Cut Level 3	4331	6 - 11	12	72
34-470	MaxiCut Dry®, palm coated, Cut Level 5	4543	6 - 10	12	72



KEVLAR® CUT RESISTANT SLEEVES

Double knitted construction using Kevlar® yarn for high strength and cut resistance.

Kevlar® provides heat protection to EN 407 so is ideal for protection against warm objects.

Soft and comfortable to wear.

Thumb slot cut out helps to locate the sleeve securely and also increases protection to the palm area.

Sleeves are available in a range of lengths to more precisely match safety requirements.

Sleeves are sold **singly** for maximum economy.



Please see table below



Code	Description	Length	EN 388	EN 407	Pack	Case
KKSL-10	KEVLAR® double knitted sleeve SINGLE	10 ins	1343	X1XXXX	10	100
KKSL-14	KEVLAR® double knitted sleeve SINGLE	14 ins	1343	X1XXXX	10	100
KKSL-18	KEVLAR® double knitted sleeve SINGLE	18 ins	1343	X1XXXX	10	100
KKSL-22	KEVLAR® double knitted sleeve SINGLE	22 ins	1343	X1XXXX	10	100
KKSL-20	KEVLAR® <u>Loose fitting</u> knitted sleeve SINGLE	20 ins	1341	41XXXX	10	100

X5 SLEEVES

Constructed from our best selling X5 yarns to provide optimum cut protection at **Level 5** to the wrist and arms.

Designed to be worn in conjunction with our cut level 5 glove range for added protection.

Soft and comfortable to wear for extended periods.

Available in 14 inch length with a thumb slot for a secure fit.

Available in 20 inch length with a loose fit style and knit wrist.

Typical Applications



1541



KUTLASS 5 SLEEVES

Machine knitted from a carefully designed mix of HPPE, Lycra™ and other high tech fibres.

Provides outstanding protection from cuts at **Cut Level 5**.

Designed to be worn in conjunction with our cut level 5 glove range for added protection.

Soft and comfortable to wear for extended periods.

Available in 18 inch thumb slot version with more styles available shortly.

Sold singly.



Typical Applications



4540



Code	Style	EN388	Sizes	Pack	Case
KUTLASS 5 SLEEVE-18	Thumb slot style, 18 inches long. Sold singly.	4540	18 ins	10	100

SLEEVES & APRONS



TERRYCLOTH SLEEVES

Terry cloth sleeve for heat and mechanical protection.

Available in three different styles for greater flexibility.

TCSL18 (seamless) and TCGSL18 cut and sewn offer heat protection up to 250 °C.

The shorter TCSL350 (14 inches long) offers protection up to 100 °C.

Cut Level 2 protection is offered by all styles.

Soft and comfortable to wear with knit wrist to ensure a secure fit.

Typical Applications



Please see red

Code	Style	EN388	EN407	Sizes	Pack	Case
TCSL18	Seamless terry sleeve (16 inches long)	2242	X24XXX	16 ins	6	72
TCGSL18	Heavyweight cut & sewn terry sleeve (16 inches long)	2242	X2XXXX	16 ins	6	72
TCSL350	Cut & sewn terry sleeve (14 inches long)	1241	X1XXXX	14 ins	6	72



MINIMAL RISK SLEEVES

A wide selection of sleeves are available for **minimal risk** applications in addition to our premium range.

Materials offered include cotton, PVC, leather and polythene.

The most popular styles are detailed in the table below but other styles are available to order.



Code	Style	Sizes	Pack	Case
SL-ALLCHROME	All chrome heavy duty leather sleeve, elasticated	15 ins	10	200
SL-COTTON-EL	Lightweight elasticated cotton sleeve	13 ins	12	120
SL-PVC	Lightweight elasticated PVC sleeve	18 ins	12	144
SL-50N	Polyamide sleeve with Velcro arm closure	20 ins	10	100
	<i>Other styles available on request</i>			



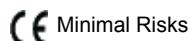
APRONS

Designed for **minimal risk** applications we can supply aprons for most applications.

Materials offered include cotton, canvas, PVC, leather, rubber, and polythene.

A wide range of sizes are available either ex-stock or to order.

The most popular styles are detailed in the table below but other styles are available to order.



Code	Style	Sizes	Pack	Case
AP/LE/(36X24)	Heavy duty all chrome leather apron (standard)	36 x 24 ins	10	50
AP/LE/BS(36X24)	Heavy duty all chrome leather apron (with buckle & strap)	36 x 24 ins	1	50
AP/COT/(38x35)	Light duty white cotton apron c/w ties	38 x 35 ins	10	100
	<i>Other styles available on request</i>			

EYEWEAR SELECTION - Basic Guide

Before purchasing protective eyewear it is important to clearly identify the relevant hazards which cannot be removed by other means (eg fitting guards or screens). Most eyewear commonly used falls into a single category covered by EN166. The other common standards cover areas such as infra-red protection, ultraviolet, sun glare etc and there are several other standards which cover more specialised applications such as welding. A full list of the standards you are most likely to encounter are listed below. The most common standards which are explained in more detail below are shown in **heavy print**.

Eyewear - common applicable standards

EN 166 Basic Standard "Specifications"

EN 167 "Optical test methods"

EN 168 "Test methods other than optical"

EN 169 "Welding filters"

EN 170 "Ultraviolet filters "

EN 171 "Infrared filters"

EN 172 "Solar protection filters for industrial use"

EN 175 "Welding work equipment"

EN 207 "Glasses for laser protection"

EN 208 "Glasses for laser adjustment"

EN 379 "Specification concerning welding filters"

Eyewear - EN 166 explained.

This standard covers all the basic requirements for safety eyewear and will be marked on the lens and frame accordingly. If the lens and frame have different markings for the same test it is the lowest result that should be used for determining it's suitability for the application.

Property	Details	Frame Marked	Lens Marked	What it means in practice
Optical	Class 1	-	1	Suitable for continuous use (all Uci eyewear is Class 1)
	Class 2	-	2	Suitable for intermittent use
	Class 3	-	3	Suitable for occasional use, but must NOT be worn continuously.
In practice only Class 1 optical glasses should be used. Class 2 & 3 are not usually seen in the UK				

Property	Details	Frame Marked	Lens Marked	What it means in practice
Mechanical	Increased Robustness	-	S	Will resist a 22 mm, 43 g ball travelling at 12 m/s / falling 1.3m. Rarely used on our products.
	Low Energy Impact	F	F	Will resist a 6 mm, 0.86 g ball travelling at 45 m/s. This is usually the maximum for safety glasses having side arms.
	Medium Energy Impact	B	B	Will resist a 6 mm, 0.86 g ball travelling at 120 m/s. This is usually the maximum for safety goggles.
	High Energy Impact	A	A	Will resist a 6 mm, 0.86 g ball travelling at 190 m/s. This is usually the maximum for safety visors (polycarbonate).
	Extreme Temperature	T	T	This letter after the impact letter allows use with extreme temperature particles (-5 to +55 °C). Only used on a very limited range of products.
In simple terms glasses are usually rated at F, goggles at B and visors at A				

Property	Details	Frame Marked	Lens Marked	What it means in practice
Area of Use	Liquids	3	-	Offers protection against liquid splashes or droplets
	Large Dust Particles	4	-	Offers protection against large dust particles bigger than 5 microns
	Gases and Fine Dust	5	-	Offers protection against gases and small dust particles less than 5 microns
	Electric Arc	-	8	Offers protection against short circuit electric arc, face shields only.
	Molten Metal	9	9	Offers protection against molten metals and hot solids
In simple terms direct vent goggles are not tested to any of the above. Indirect vent goggles are usually marked with 3 and/or 4. Gas tight goggles are usually marked with a 5.				

Property	Details	Frame Marked	Lens Marked	What it means in practice
Optional Test	Misting / Fogging	-	N	Resist misting and fogging
	Mechanical Damage	-	K	Resist surface damage by fine particles, that is anti-scratch.
Many glasses may be anti-fog or anti-scratch but not carry the above markings as this is an optional test.				

In certain cases basic mechanical protection needs to be augmented with filtering of some type. A brief explanation of this and examples of actual lens and frame markings are given on the next page.

Further information on all our products is available on request

EYEWEAR SELECTION - Basic Guide

It is sometimes necessary to provide filtering eyewear for certain applications to provide additional protection for the user. Typical requirements would be protection against sun glare, infra-red or ultraviolet. A brief summary of the more common standards is outlined below

Eyewear - EN 169 Welding Filters

Property	Details	Frame Marked	Lens Marked	What it means in practice
Welding	Shade of Lens	-	1.2 - 16	Higher is darker, will be the first number on the lens before the makers logo
A typical marking would be 1.2 on its own without the code number and hyphen used for none welding filters.				

Eyewear - EN 170 Ultraviolet filters.

Property	Details	Frame Marked	Lens Marked	What it means in practice
Ultraviolet	Filter without good colour recognition	-	2-	A further marking follows the 2- to indicate a shade value between 1.2 & 5
	Filter with good colour recognition	-	3-	A further marking follows the 3- to indicate a shade value between 1.2 & 5
A typical marking would be 2-1.2 or 3-2.4 which indicates shades of 1.2 and 2.4 without and with good colour recognition				

Eyewear - EN 171 Infrared filters.

Property	Details	Frame Marked	Lens Marked	What it means in practice
Infrared	Filter	-	4-	A further marking follows the 4- to indicate a shade value between 1.2 & 10
A typical marking would be 4-6 which indicates an infrared filter with a shade value of 6				

Eyewear - EN 172 Sunglare filters.

Property	Details	Frame Marked	Lens Marked	What it means in practice
Sunglare	Filter without infrared protection	-	5-	A further marking follows the 5- to indicate a shade value between 1.1 & 4.1
	Filter with infrared protection		6-	A further marking follows the 6- to indicate a shade value between 1.1 & 4.1
A typical marking would be 6-4.1 which indicates a sunglare filter with a shade value of 4.1 with infrared protection.				

Eyewear - Frame and lens markings

The markings on the lens and frame are arranged in a specific order to avoid confusion. The standard layout for these markings is shown below for both the lens and frame with an example of a typical set of markings.

Lens Markings

Scale Number (filters only)	Makers Mark	Optical Class	Mechanical Strength	Fields of Use	Scratch Resistant	Fog Resistant	Radiant Heat
5-1.1	UCi	1	B	3	K	N	T

Frame Markings

Makers Mark	Standard	Fields of Use	Mechanical Strength
UCi	EN 166	5	B



If the frame and lens markings are different for a particular standard then the lowest of the two values should be used. Further information is included with each product and on request.

ARAFURA

Modern wraparound design and styling.

Length adjustable side arms for a precise fit.

Extra soft nose bridge.

Hard coated lenses.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
ARAFURA clear	Safety glasses with clear lens (I-704)	NO	1 F	NO	NO	12	300
ARAFURA smoke	Safety glasses with smoke lens (I-704)	NO	1 F	NO	5-3.1	12	300

BANDA

Modern wraparound design and styling.

Extra soft comfortable nose bridge.

Hard coated lenses.

Length adjustable side arms.

Clear, yellow and smoke lenses have **anti-fog** coating.

Now available with **4 lens options**.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
BANDA clear	Safety glasses with clear lens (I-920)	YES	1 F	2-1.2	NO	12	300
BANDA yellow	Safety glasses with yellow lens (I-920)	YES	1 F	2-1.2	NO	12	300
BANDA smoke	Safety glasses with smoke lens (I-920)	YES	1 F	NO	5-2.5	12	300
BANDA grey Mirror	Safety glasses with grey mirror lens (I-920)	NO	1 F	NO	NO	12	300

BEAUFORT

Traditional robust styling with integral side shields.

Hard coated lenses.

Length adjustable side arms to ensure a precise fit.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
BEAUFORT clear	Safety glasses with clear lens (IJ-0204)	NO	1 F	NO	NO	12	300

EYEWEAR - Safety Glasses



JAVA

Modern wraparound design and styling.
Hard coated lenses.
Available with 3 lens options.
Economical stylish protection.

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
JAVA clear	Safety glasses with clear lens (I-907)	NO	1 F	NO	NO	12	300
JAVA yellow	Safety glasses with yellow lens (I-907)	NO	1 F	2-1.2	NO	12	300
JAVA smoke	Safety glasses with smoke lens (I-907)	NO	1 F	NO	5-2.5	12	300

JAVA SPORT

Enhanced version of the best selling JAVA safety glasses with soft grip rubber sidearms and **anti-fog** coating.
Hard coated lenses.
Available with 2 lens options.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
JAVA SPORT clear	Safety glasses with clear lens (I-907-1)	YES	1 FT	2C-1.2	NO	12	300
JAVA SPORT smoke	Safety glasses with smoke lens (I-907-1)	YES	1 FT	NO	5-3.1	12	300

KORO

Rubber tipped adjustable side arms for a precise fit.
Extra soft (adjustable) rubber nose bridge.
Rubber arm tips for improved grip and comfort.
Hard coated **anti-fog** lenses.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
KORO clear	Safety glasses with clear lens (I-857)	YES	1 F	NO	NO	12	300
KORO smoke	Safety glasses with smoke lens (I-857)	YES	1 F	NO	5-3.1	12	300

MOLUCCA

Retro tortoise shell frame.
Flexible rubber tipped side arms with "spring" action.
Hard coated **anti-fog** lenses as standard.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
MOLUCCA clear	Safety glasses with clear lens (I-807)	YES	1 F	2-1.2	NO	12	300
MOLUCCA smoke	Safety glasses with smoke lens (I-807)	YES	1 F	NO	5-2.5	12	300

SOLOMON

One piece wraparound lens.
Sidearms adjust for **length** and **angle**.
Supplied with **free neck cord**.
Hard coated lenses.
Anti-fog coating.
Available with 3 lens options.
Economical stylish protection.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SOLOMON clear	Safety glasses with clear lens (I-707)	YES	1 F	NO	NO	12	300
SOLOMON yellow	Safety glasses with yellow lens (I-707)	YES	1 F	2C-1.2	NO	12	300
SOLOMON smoke	Safety glasses with smoke lens (I-707)	YES	1 F	NO	5-3.1	12	300

SULU

Stylish lightweight design.
Angle adjustable side arms ensure a comfortable fit.
Hard coated lenses.
Anti-fog coating.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SULU clear A/F	Safety glasses with clear A/F lens (I-922)	YES	1 F	NO	NO	12	300

EYEWEAR - Safety Glasses



TASMAN

Attractive styling with integrated side shields.

Fully adjustable, rubber tipped side arms ensure a comfortable fit.

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
TASMAN clear	Safety glasses with clear lens (I-604)	NO	1 F	NO	NO	12	300



TIMOR

Stylish wraparound lens.

Length adjustable side arms with rubber tips.

Hard coated lenses as standard

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
TIMOR clear	Safety glasses with clear lens (I-601)	NO	1 F	NO	NO	12	300
TIMOR smoke	Safety glasses with smoke lens (I-601)	NO	1 F	NO	5-2.5	12	300



VISITOR

Economic low cost protection.

Fits over most prescription glasses.

Ideal for visitors or occasional use.

Lightweight and durable.

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
VISITOR	Safety glasses with clear lens (IJ-405)	NO	1 F	NO	NO	12	300

SG231 GOGGLE

Economic low cost direct vent goggle.

Lightweight and extremely durable.

Wide adjustable strap.

Individually packed.

Medium impact.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SG231	Direct vent safety goggles with clear lens	NO	1 B	NO	NO	20	200

SG204 GOGGLE

Economic low cost indirect vent goggle.

Lightweight and extremely durable.

Good protection against liquid splash.

Wide adjustable strap.

Individually packed.

Medium impact.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SG204	Indirect vent safety goggles with clear lens	NO	1 B 3 4	NO	NO	20	200

WG235 GOGGLES

Deluxe indirect vent goggles suitable for gas welding.

Wide, soft PVC face seal for comfort.

Flip front with shade 5 lens lifts up to uncover separate clear lens behind.

Wide adjustable strap.

Individually packed.



Ref	Description	Antifog	EN 166	EN 169	EN 175	Pack	Case
WG235	Safety goggles with clear / green lens	NO	1 F	NO	YES	12	120

EYEWEAR - Goggles

SG271 DELUXE GOGGLE

High quality **indirect vent** goggle.
 Anti-scratch coating for durability.
 Wide, adjustable elasticated strap.
 Soft and comfortable face seal.
 Protection against liquid splashes.
 Lightweight and durable.
 Wraparound lens gives wide angle of vision.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SG271	Indirect vent safety goggles with clear lens	NO	1 B 3	NO	NO	12	120

SG10 PREMIUM GOGGLE

Premium indirect vent goggle.
 Anti-scratch and **anti-fog** coating.
 Wide, adjustable elasticated, pivot mounted strap.
 Extremely soft face seal.
 Lightweight and durable.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SG10	Indirect vent safety goggles with clear A/F lens	YES	1 B 3 N	NO	NO	10	120

AXIS

The Axis eye shield is a development from the Bollé world-renowned sports range. With its athletic styling, wraparound protection and integrated side shields it provides the wearer with the ultimate in safety. Fitted with a panoramic optical class 1 polycarbonate lens, with a choice of lens coatings, the Axis also has unique soft adjustable nose pads and pivoting temples, which are co-injected for improved fit and comfort. Available in clear, smoke or Contrast lens.



AXPSF



AXPSI



AXCONT

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
AXPSI	AXIS, clear lens	YES	1 F	2-1.2	NO	10	300
AXPSF	AXIS, smoke lens, Solar Protection	YES	1 F	NO	5-2.5	10	300
AXCONT	AXIS, contrast* lens, Solar Protection	NO	1 F	NO	5-1.4/1.1	10	300



BANCI



BANPSF



BANESP



BANPSJ



BANWPCC5

BANDIDO

Ultra lightweight, sports style wraparound safety spectacles that provides the wearer with comfort and a panoramic field of view at a very competitive price. Market leading, optical class 1 anti scratch/anti fog polycarbonate lens with integrated side shields as standard. Available in clear, ESP, comfort yellow, smoke and gas welding lenses.

Ref	Description	Antifog	EN 166	EN 169	EN 170	EN 172	Pack	Case
BANCI	BANDIDO, clear lens WITH FREE SPORTS CORD	YES	1 F	NO	3-1.2	NO	10	240
BANPSF	BANDIDO, smoke lens WITH FREE SPORTS CORD	YES	1 F	NO	NO	5-2.5	10	240
BANPSJ	BANDIDO, yellow lens WITH FREE SPORTS CORD	YES	1 F	NO	NO	5-1.4	10	240
BANESP	BANDIDO, ESP lens WITH FREESPORTS CORD	NO	1 F	NO	NO	5-1.4	10	240
BANWPCC5	BANDIDO, Shade 5 lens	NO	1 F	5	NO	NO	10	240

EYEWEAR - Safety Glasses bollé



COBRA

The ultra-purpose all rounder with a panoramic visual field! Enveloping and without any visual interference the Cobra offers 180° panoramic visual field with perfect optical quality. The ability to interchange the temples with an adjustable strap and foam option makes the Cobra an ultra versatile model. Protects against **extreme temperature** impacts.



bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
COBFSPSI	COBRA, clear lens with strap and foam , FREE POUCH	YES	1 B T	2C-1.2	NO	10	240
COBPSI	COBRA, clear lens,glasses style FREE CORD	YES	1 F T	2C-1.2	NO	10	200
COBHDPI	COBRA, clear HD COATED lens,glasses style FREE POUCH	YES	1 F T	2C-1.2	NO	10	200



bollé
SAFETY

CONTOUR

The Contour weighs in at an incredibly lightweight 21g, making it one of the lightest safety eye shields ever made, which is due to Bollé's use of advanced material technology combined with their design and manufacturing expertise. The polycarbonate lens design ensures an exceptional field of view of over 180° combined with high performance anti scratch and anti fog coatings as standard. Available in clear, ESP, polarised and smoke lenses and supplied with micro-fibre pouch.

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
CONTPSI	CONTOUR, clear lens, with FREE pouch	YES	1 F T	2C-1.2	NO	10	240
CONTPSF	CONTOUR, smoke lens, with FREE pouch	YES	1 F T	NO	5-2.5	10	240
CONTESP	CONTOUR, ESP Solar Protection with FREE pouch	NO	1 F T	NO	5-1.4	10	240
CONTPOL	CONTOUR, POLARISED Solar Protection with FREE pouch	NO	1 F T	NO	5-2.5	10	240

CONTOUR METAL

Based on the market leading Contour the metal version has been designed along the same sleek lines but with the added benefit of spring joints and an integral brow bar. The polycarbonate lens design ensures an exceptional field of view of over 180°. combined with high performance anti scratch and anti fog coatings as standard.



CONTMPSF



CONTMPSI

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SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
CONTMPSI	CONTOUR METAL, clear lens, with FREE pouch	YES	1 FT	2C-1.2	NO	10	240
CONTMPSF	CONTOUR METAL, smoke lens, with FREE pouch	YES	1 FT	NO	5-3.1	10	240
CONTMESP	CONTOUR METAL, ESP Solar Protection with FREE pouch	NO	1 FT	NO	5-1.4	10	240

GALAXY

Providing the wearer with protection and light the Galaxy safety spectacle is a close fitting safety spectacle with "Tip Grip" temples, integrated brow bar and non slip bridge but with the added advantage of super bright integrated LED lights. The LED lights are perfectly positioned and can easily and quickly be turned on and off as required. The LED's run on replaceable batteries.

The Galaxy is supplied with a micro fibre lens cloth.



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Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
GALAPSI	GALAXY, clear lens, with LED Lights	YES	1 FT	2C-1.2	NO	10	45
GALABAT	Pack of 6 replacement batteries	-	-	-	-	1	N/A

GROOVE

The unique black velvet finish and retro design make the Groove the coolest new product on the market. Lightweight (25g) nylon frame, sports temples, non slip bridge and wraparound aviator design provides an excellent level of comfort, fit and protection to all wearers.



GROPSI



GROPSF



GROPSJ



GROFLASH



bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
GROPSI	GROOVE, clear lens, with FREE pouch	YES	1 FT	NO	NO	10	300
GROPSF	GROOVE, smoke lens, with FREE pouch	YES	1 FT	NO	5-3.1	10	300
GROPSJ	GROOVE, yellow lens with FREE pouch	YES	1 FT	2C-1.2	NO	10	300
GROFLASH	GROOVE, Blue FLASH lens with FREE pouch	NO	1 FT	NO	5-3.1	10	300

EYEWEAR - Safety Glasses bolle

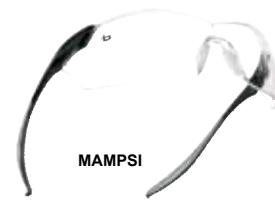


bolle
SAFETY



MAMBA

Based on the market leading Viper eyeshield, the Mamba pushes the design boundaries even further. Lightweight (25g) with co-injected sports temples, non slip bridge and integrated side shields make the Mamba the perfect eyeshield for all applications.



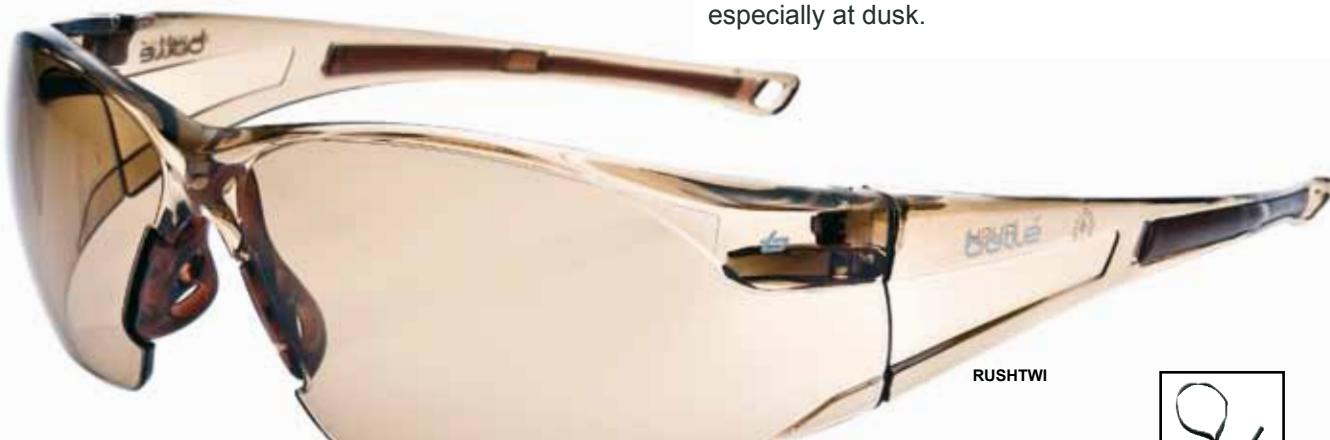
Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
MAMPSI	MAMBA, clear lens, with FREE cord	YES	1 FT	2C-1.2	NO	10	300
MAMPSF	MAMBA, smoke lens, with FREE cord	YES	1 FT	NO	5-3.1	10	300
MAMPSJ	MAMBA, yellow lens with FREE cord	YES	1 FT	2C-1.2	NO	10	300

RUSH



Available exclusively with **TWILIGHT** technology, the all round vision, lightweight RUSH offers perfect optical quality, maximum comfort and a modern design.

TWILIGHT offers the advantages of **ESP** with a **double anti-fog coating** (on both sides of the lens) to prevent fogging in the most challenging conditions. Designed for use in low light conditions it improves contrast and is perfect for outdoor use especially at dusk.



bolle
SAFETY



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
RUSHPSI	RUSH, clear lens with FREE cord	YES	1 FT	2C-1.2	NO	10	240
RUSHPSF	RUSH, smoke lens with FREE cord	YES	1FT	NO	5-3.1	10	240
RUSHDPI	RUSH, HD extra clarity lens, with FREE cord	YES	1 FT	2C-1.2	NO	10	240
RUSHTWI	RUSH, TWILIGHT lens with FREE cord	YES	1 FT	NO	5-2	10	240

SILIUM

The pure curves of the metal frame offers a design that is sleek and attractive while providing the wearer with optimal protection and panoramic vision. The Silium also has integrated side shields, flexible temples, soft adjustable nose pads and Bollé's "Tip Grip" system for improved fit. Available with a clear or smoke lens.



SILPSF

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SILPSI	SILIUM, clear lens	YES	1 F	2-1.2	NO	10	240
SILPSF	SILIUM, smoke lens	YES	1 F	NO	5-2.5	10	240

SLAM

Modern styling and easy fitting ultra developing design. Comfort fit temples and panoramic field of view. Supplied with adjustable cord for additional security and in a range of lens types.

NEW HI-VIS VERSION with reflective temples improve wearer visibility in the dark



SLAPSI

Hi-Vis temples



SLAHHVI

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SLAPSI	SLAM, clear lens, with FREE cord	YES	1 FT	2C-1.2	NO	10	200
SLAPSJ	SLAM, yellow lens, with FREE cord	YES	1 FT	2C-1.2	NO	10	200
SLAPSF	SLAM, smoke lens, with FREE cord	YES	1 FT	NO	5-3.1	10	200
SLAESP	SLAM, ESP lens, with FREE cord	NO	1 FT	NO	5-1.4	10	200
SLAHHVI	SLAM, clear lens, HI-VIS with FREE cord	YES	1 FT	2C-1.2	NO	10	200

SOLIS II

Ultra wraparound style with integrated side shields. Non slip TIPGRIP temples and nose bridge. Supplied with free microfibre pouch.



SOLIPOL



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SOLIPOL	SOLIS, polarised lens, with FREE pouch	NO	1 F	NO	5-3.1	10	300
SOLIFLASH	SOLIS, flash lens, with FREE pouch	NO	1 F	NO	5-3.1	10	300
SOLIPSF	SOLIS, smoke lens, with FREE pouch	YES	1 F	NO	5-3.1	10	300

EYEWEAR - Safety Glasses bolle

SPIDER

Modern innovative design with non-slip nose bridge and TIPGRIP temples. Supplied with free microfibre pouch.

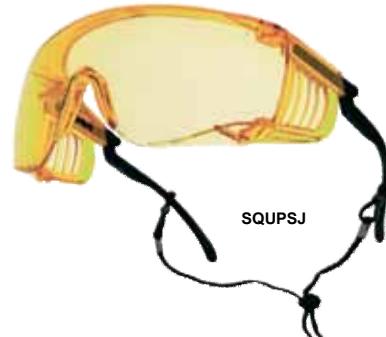


bolle
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SPIPSI	SPIDER, clear lens, with FREE pouch	YES	1 FT	2C-1.2	NO	10	300
SPIESP	SPIDER, ESP lens, with FREE pouch	NO	1 FT	NO	5-1.4	10	300
SPIFLASH	SPIDER, flash lens, with FREE pouch	NO	1 FT	NO	5-3.1	10	300

SQUALE

Lightweight glasses designed to fit over most prescription glasses. Available in clear, yellow and shade 5 versions. All styles are supplied with a free adjustable cord.



bolle
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 169	Pack	Case
SQUPSI	SQUALE, clear lens	YES	1 FT	2C-1.2	NO	10	180
SQUPSJ	SQUALE, yellow lens	YES	1 FT	2C-1.2	NO	10	180
SQUWPCC5	SQUALE, shade 5 lens	NO	1 S	NO	5	10	180

TRACKER

A concept that offers the comfort of a safety spectacle with the fit and seal of a goggle. The Tracker has an interchangeable foam seal which gives added brow and cheek protection plus the adaptability of a fully adjustable strap that can also be removed. Combined with straight sports temple and optical class 1 anti scratch and anti fog polycarbonate wraparound base & lenses that offers a fantastic field of view and side ventilation, the Tracker provides excellent all round protection. Available with clear, yellow, smoke and welding lenses and supplied with a micro fibre pouch.



bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 169	EN 170	EN172	Pack	Case
TRACPSI	TRACKER II, clear lens	YES	1 B K T	NO	2C-1.2	NO	10	240
TRACWPCC(2)(3)(5)	TRACKER II, shade 1.7, 3 or 5 lens (please specify)	NO	1 B K T	YES	NO	NO	10	240
TRACPSJ	TRACKER II, yellow lens	YES	1 B K T	NO	NO	5-1.4	10	240
TRACPSF	TRACKER II, smoke lens	YES	1 B K T	NO	NO	5-2.5	10	240

UNIVERSAL

The wraparound UNIVERSAL model adapts to all face shapes thanks to the **FLEX** bridge and pivoting temples.

The revolutionary **FLEX** technology provides unique flexibility. Light, soft and fully pliable, the fully adjustable **FLEX** bridge perfectly fits all faces thanks to its **shape-memory** material.



bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN172	Pack	Case
UNIPSI	UNIVERSAL, clear lens	YES	1 F T	2C-1.2	NO	10	300
UNIPSF	UNIVERSAL, smoke lens	YES	1 F T	NO	5-3.1	10	300

EYEWEAR - Safety Goggles bolle



bolle
SAFETY

VIPCI



VIPPSJ

VIPER

Ultra modern, ultra lightweight, sports style wraparound safety spectacles providing ultra close fitting protection with panoramic vision. Fitted with an optical class 1 polycarbonate lens, with a choice of lens coatings, the Viper also has adjustable side arms and integral side shields. Available in clear, smoke, or "comfort" yellow, light enhancing lens and supplied with a sports neck cord.



VIPCF



VIPPSSI

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
VIPCI	VIPER, clear lens	NO	1 F	3-1.2	NO	10	300
VIPPSSI	VIPER, clear ANTIFOG lens	YES	1 FT	2C-1.2	NO	10	300
VIPPSJ	VIPER, yellow lens	YES	1 F	2-1.2	NO	10	300
VIPCF	VIPER, smoke lens	NO	1 F	NO	5-3.1	10	300

VOODOO

The perfect combination of design and protection. Ultra Wrap and sporty, VOODOO perfectly combines comfort, protection & design.

POLARIZED version offers unbeatable comfort by filtering glare and reflections.

Available in smoke, brown and polarised brown!



VODBPSB



VODNPSF



VODB POL



bolle
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
VODB POL	VOODOO, POLARISED lens	YES	1 FT	NO	5-3.1	10	240
VODBPSB	VOODOO, brown lens	YES	1 FT	NO	5-3.1	10	240
VODNPSF	VOODOO, smoke lens	YES	1 F	NO	5-3.1	10	240

PILOT

Ultra-flexible TPV housing and wide fully adjustable neoprene strap guarantees the wearer optimum levels of fit and comfort. The "toric" optical class 1 polycarbonate anti scratch and anti fog lens provides an excellent field of view and the lens can be easily and quickly changed. Can be worn over prescription spectacles.



bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
PILOPSI	PILOT, clear lens, INDIRECT vent goggle	YES	1 B 3 9 T	NO	NO	5	65
FAPILOPSI	PILOT, spare lens (PC)	YES	1 B 9 T	NO	NO	5	90

X90

Small, ultra compact goggle with all enveloping flexible PVC frame and panoramic optical class 1 polycarbonate anti scratch and anti fog lens. Wide strap and indirect side ventilation enhances the comfort and fit of the goggle. The perfect solution for small faces.



bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
X90PSI	X90, clear lens, INDIRECT vent goggle	YES	1 B T	NO	NO	10	240

ATOM

A compact lightweight goggle which can be used with the optional visor attachment for additional protection to the lower face. Optimal fit and comfort with an adjustable ball pivoting strap and TPR (thermo-pastic rubber) frame. Can be used with a respiratory mask if required and fits over most prescription glasses. Available in ventilated or sealed versions.



Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
ATOAPSI	ATOM, ventilated, clear lens	YES	1 B 3 T	2C-1.2	NO	5	65
ATOEPSI	ATOM, sealed, clear lens	YES	1 B 3 4 5	2C-1.2	NO	5	65
ATOV	ATOM, visor attachment	NO	B 3 T	NO	NO	5	60

EYEWEAR - Safety Goggles & Visors bollé



BLAST

With its ground breaking, aggressive design, the Blast goggle from Bollé Safety offers the wearer the ultimate in fit, comfort, protection, vision and style. The unique shape of the goggle ensures a perfect fit with all respirators. It has also been designed to fit over prescription spectacles and fitted with a wide adjustable headband. An additional "visor" attachment can be attached to offer similar protection to a visor with the added advantage of better protection for the eyes.



bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
BLAPSI	BLAST, clear lens, INDIRECT vent goggle	YES	1 B 3 9 T	2-1.2	NO	5	65
BLEPSI	BLAST, clear lens, SEALED goggle	YES	1 B 3 4 5 9 T	2-1.2	NO	5	65
BLV	Lower visor attachment	N/A	B 3 T	NO	NO	5	80



BL20PI BROWGUARD WITH VISOR

BL20PI is a lightweight and economical browguard supplied **complete with visor**. Fully adjustable with spare visors available. A complete solution, ready to wear.

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SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
BL20PI	BROWGUARD, standard with visor	NO	1 B	NO	NO	1	30
BL20FAPI VISOR	VISOR, polycarbonate	NO	1 B	NO	NO	10	200



SPHERE BROWGUARD WITH VISOR

This ultra enveloping visor and browguard offers an exceptional field of vision as it wraps round the face more than standard visors. Fully adjustable for height and depth for precise fitting. May also be worn over most single use respirators and prescription glasses.

bollé
SAFETY

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
SPHERPI	BROWGUARD, standard with visor	NO	1 B 8 9 T	2C-1.2	NO	1	6
FASPERPI	VISOR, polycarbonate	NO	1 B 8 9 T	2C-1.2	NO	1	50

H85 BROWGUARD

Lightweight and economical browguard with wheel ratchet adjustment and adjustable headband for a precise secure fit. Full friction adjustable visor pivot to locate the visor position securely and an integrated sweat band. Suitable for our VCA85 polycarbonate or VM85M mesh visors which are sold separately. (see below)



Visors sold separately

H870 BROWGUARD

Premium 10cm browguard with wheel adjustment and extended brow coverage. Only suitable for our VCA85 polycarbonate or VM85M mesh visors which are sold separately.



Visors sold separately

H86 VISOR CARRIER

Designed to fit our HP helmet range but will also fit most other straight peaked helmets. Easily fitted and removed and extremely secure in use. Visor has 3 "click stop" positions and lifts clear of the face when required. Only suitable for our VCA85 polycarbonate visor which is sold separately.

Visor, helmet and earmuffs sold separately

**H867 VISOR CARRIER**

Designed to fit with our EMH5 earmuffs ONLY as used on our forestry helmets. Only suitable for our VCA85 polycarbonate or VM85M mesh visors which are sold separately. (see below)

VCA85 POLYCARBONATE VISOR

Bound 20cm polycarbonate visor for use with Uci browguards and carriers.

**VM85M VISOR**

Fine mesh steel visor predominantly used in forestry applications. Will fit all Uci browguards and carriers featured above..

Ref	Description	Antifog	EN 166	EN 170	EN 172	Pack	Case
H85A	BROWGUARD, standard without visor (yellow)	N/A	B 3	N/A	N/A	10	60
H870	BROWGUARD, premium 10cm, without visor (black)	N/A	B 3	N/A	N/A	10	40
H86	HELMET MOUNT, standard without visor	N/A	n/a	N/A	N/A	10	100
H867	EARMUFF MOUNT, standard without visor	N/A	n/a	N/A	N/A	10	100
VCA85	VISOR, 20cm polycarbonate	NO	1 B 3	NO	NO	35	140
VM85M	VISOR, 20cm steel mesh	NO	1 B 3	NO	NO	10	200

EYEWEAR - Accessories



SPECTACLE CORDS

A range of cords which will fit most styles of glasses. Available in standard or sports styles in our own brand or 3 styles from Bollé.



SPECTACLE CASES

A comprehensive range of cases from Bollé to protect glasses and goggles from dust and scratches.



Ref	Description	Pack	Case
ETUIS	CASE, clic clac for glasses	10	100
ETUIFS	POUCH, soft microfibre for glasses	10	100
ETUIB	CASE, rigid for glasses	10	100
ETUIFL	POUCH, soft microfibre for goggles	10	100



CLEANING SYSTEMS

A range of cleaning solutions and systems to keep glasses and goggles in optimum condition.



Ref	Description	Pack	Case
B400	Metal cleaning station with 500 ml antistatic lens cleaner + 400 tissues	1	1
B401	Box with 200 micro tissues for B400 and B410	1	36
B402	500 ml anti-static lens cleaner for B400 (not shown)	15	30
B410	Carton cleaning station with 400 tissues and 250 ml anti-fog and anti-static lens cleaner, alcohol and silicone free	10	20
B411	250 ml anti-fog and anti-static lens cleaner, alcohol and silicone free	25	50
B412	50 ml anti-fog and anti-static lens cleaner, alcohol and silicone free	100	200
B500	Cleaning tissues 500 wipes display	1	12

Hearing Protection - basic guide

Before purchasing hearing protection it is important to clearly identify the relevant hazards which cannot be reduced by other means (e.g. fitting silencers or screens) or eliminated at source. Most hearing protection commonly used is covered by EN 352 and the relevant sections for our products are summarised below. For industrial applications the Control of Noise at Work Regulations 2005 came into force in 2006 which basically reduced the starting point for ear protection from 85 dB to 80 dB. Workers must be assessed and provided with training when noise levels reach 80 dB (was 85 dB) and protection should be made available. Protection must be provided by the employer when sound levels reach 85 dB or above.

Perhaps the most important factor to consider is that a worker must not be exposed to levels exceeding 87 dB, taking account of any reduction in exposure provided by hearing protection.

Hearing Protection - common applicable standards

EN 352-1 For Ear Muffs
EN 352-2 For Ear Plugs
EN 352-3 For Helmet Mounted Ear Muffs
EN 352-4 For Level Dependent Ear Muffs

EN 352-5 For Active Noise Reduction Ear Muffs
EN 352-6 For Ear Muffs with Electrical Audio Inputs
EN 352-7 For Level Dependent Ear Plugs

How to Decide on Protection Levels - A simple Guide

The best way to decide on whether or not protection is needed is to arrange a specialist survey from an independent professional. If an employee needs to raise their voice to be heard a few feet away then the noise levels may be over 85 dB and immediate action should be taken. If in doubt obtain specialist advice.

Level in dB	Typical Example of Noise	Action
140	Jet Engine	
130	Riveting Hammer, Gun Shot	
120	Punch Press, Chain Saw	
110	Nail Gun, Blasting	
100	Machine Shop, Grinding	
90	HGV, Band Saw	85 dB Hearing Protection Required
80	Busy Traffic, Vacuum Cleaner	80 dB Training and Assessment
70	Car Driver	No Action Required
60	Normal Office	
50	Quiet Office, Library	
40	Low voices	
30	Whispering	



SNR is the “Simplified Noise Level Reduction” or “Single Number Rating” which is the simplest way of getting a general indication for the level of protection provided. It is generally used to compare different types of hearing protectors. In very simple terms the calculation would be

Noise Level 100 dB
Hearing Protector SNR -30 dB
Noise Reaching Ear 70 dB

The noise reaching the wearer should not exceed 87 dB and preferably lie between 70 - 80 dB. This calculation does not take into account different frequencies so may not be the most suitable measurement.

HML is “High, Medium and Low” and defines the protection at high, medium and low frequencies. The different attenuation values for each frequency range are usually shown on the packaging of the hearing protection. This can be more precise than the SNR value as an SNR of 30 dB may not be applicable across all frequencies.

dB (decibel) is used to measure the sound intensity. Because the human ear can register sounds across a huge range of intensities a linear scale is not suitable for measurement. The dB scale is therefore a log scale which in very simple terms means the sound intensity roughly **doubles for every 3 dB increase**. An increase of 20 dB would increase the sound intensity 100 times, (ie 60 dB is 100 times louder than 40 dB).

Protection should ideally limit exposure to between 70 - 80 dB at the ear and not exceed 87 dB. However it is also important not to over protect as the wearer may not be able to hear other sounds such as fire alarms or vehicles. The user may also feel isolated resulting in reluctance to wear the hearing protection when needed. It is therefore best not to implement a blanket wearing of hearing protection only specifying protection where it is actually required.

HEARING - Ear Muffs



Colour may vary



EP103 STANDARD EARMUFF

Economical protection with contoured headband and comfortable foam filled cups.

Bulk packed in individual polybags.

SNR 23.9

Ref	Description	SNR	Pack	Case
EP103	STANDARD earmuff	23.9	10	60

EM1 STANDARD EARMUFF

Economical protection with contoured headband and comfortable foam filled cups.

Retail packaging with header card and euroslot.

SNR 27

Ref	Description	SNR	Pack	Case
EM1	STANDARD earmuff	27	1	40

EP106 DELUXE EARMUFF

Extra comfortable protection with adjustable **padded** contoured headband.

Comfortable foam filled cups.

Bulk packed in individual polybags.

SNR 25.5

Ref	Description	SNR	Pack	Case
EP106	DELUXE earmuff	25.5	10	60

EM20 FOLDING EARMUFF

Excellent protection with a soft padded contoured headband.

Extra soft comfortable foam filled cups.

Innovative space saving folding design.

Retail packaging with header card and euroslot.

SNR 30

Ref	Description	SNR	Pack	Case
EM20	FOLDING earmuff	30	1	40

EP107 FOLDING EARMUFF

Excellent protection with a soft padded contoured headband.
Extra soft comfortable foam filled cups.
Innovative space saving folding design.
Bulk packed in individual polybags.



SNR 28.5

Ref	Description	SNR	Pack	Case
EP107	FOLDING earmuff	28.5	10	60

EM30 PREMIUM FOLDING EARMUFF

Premium earmuffs with outstanding SNR 33 protection.
Padded adjustable headband with extra soft foam filled cups.
Folding design for easy storage.
Retail packaging with header card and euroslot.



SNR 33

Ref	Description	SNR	Pack	Case
EM30	PREMIUM FOLDING earmuff	33	1	40

EMH5 HELMET MOUNTED EARMUFF

Designed to fit our own brand standard helmets.
Mounting allows the earmuffs to be clipped away from the ears when not in use.
Ear cups are fully adjustable to ensure a precise seal against the head.
Now available in orange as spares for the forestry helmet. (see page 115)

Please note these earmuffs do NOT fit UCI vented helmets.



Helmet sold separately

SNR 23

Ref	Description	SNR	Pack	Case
EMH5	Helmet earmuff, yellow	23	10	60
EMH5/OR	Helmet earmuff, orange	23	10	60



Helmet and visor sold separately

Helmet sold separately

ZONE HEARING RANGE

TOTAL CONFIDENCE WITHOUT COMPROMISE

Zone headband ear defenders offer the perfect balance between protection and comfort. Optimised headband clamping force and stable twin stirrup ear cup attachment ensure Zone delivers an even and comfortable cushion pressure with consistent attenuation performance throughout the products lifetime. Lightweight and easy to adjust Zone fits a wide range of head sizes and a foam pad on the underside of the headband ensures comfort regardless of the duration of use.

Zone helmet mounted ear defenders are suitable for environments that require the use of head protection in combination with hearing protection, such as, construction, forestry, oil & gas and heavy industry. Zone helmet mounted ear defenders can be simply converted into a head, face and hearing protection combination utilising the universal 30 mm attachment post fitted as standard. Standby and parked positions allow the product to 'stand off the head' ready for use or to park the ear defender out of the way on the rear of the helmet when not in use.

Zone neckband ear defenders offer the ideal solution where safety helmets do not have attachment slots or hearing protection needs to be used in conjunction with a head mounted face shield or a baseball style bump cap. Zone neckband ear defenders offer the user the option to balance the weight on the neck rather than head, which is the personal preference of some users.



ZONE 1

ZONE 1 for environments with low to medium noise levels.

SNR see table below

Ref:	Description	SNR	Pack	Case
Z1IHBE	ZONE 1, Standard Headband Version	29	1	20
Z1IHME	ZONE 1, Helmet Version	27	1	20
Z1INBE	ZONE 1, Neckband Version	28	1	20



ZONE 2

ZONE 2 for environments with medium to high noise levels.

SNR see table below

Ref:	Description	SNR	Pack	Case
Z2HBE	ZONE 2, Standard Headband Version	31	1	20
Z2HME	ZONE 2, Helmet Version	29	1	20
Z2NBE	ZONE 2, Neckband Version	31	1	20



ZONE 3

ZONE 3 for environments with extremely high noise levels.

SNR see table below

Ref:	Description	SNR	Pack	Case
Z3HBE	ZONE 3, Standard Headband Version	34	1	20
Z3HME	ZONE 3, Helmet Version	32	1	20
Z3NBE	ZONE 3, Neckband Version	33	1	20

OPTIME II

Adjustable protection for more demanding noise levels. The sealing rings contain liquid and foam for the optimum seal.

Neckband version for use with other protective equipment such as helmets.

Folding version takes little space in a toolbox or pocket. Cushion faces protected when folded.

**SNR 31**

Ref:	Description	SNR	Pack	Case
H520A	OPTIME II, Standard Headband Version	31	1	20
H520B	OPTIME II, Neckband Version	31	1	20
H520F	OPTIME II, Folding Version	31	1	10

OPTIME III

The protection is based on new technology with a double casing that minimises resonance in the holder casing. This results in maximum high-frequency muffling, while at the same time it's still easy to understand speech and signals.

Neckband version for use with other protective equipment such as helmets.

**SNR 35**

Ref:	Description	SNR	Pack	Case
H540A	OPTIME III, Standard Headband Version	35	1	20
H540B	OPTIME III, Neckband Version	35	1	20

OPTIME PUSH TO LISTEN (PTL)

Increased wearer time – more safety! When workers exposed to harmful noise need to communicate, they lift their cups and they lower their protection. The Peltor Optime Push To Listen means no more “cup lifting”.

** The Peltor Optime Push To Listen is an “Electronic-passive” muff – it has one passive side and one electronic side. Simply push the button to listen, opening up the ear defender for communication. The electronic function automatically shuts off after 30 sec and can be closed earlier if required.*

**RNR* 94-105dB**

(*RNR = Recommended Noise Rating)

Ref:	Description	SNR	Pack	Case
PTL	OPTIME, Push to Listen, Headband Version	31	1	10

NEW Simply push the button on one side to enable conversation. Resets to full protection after 30 seconds.

HEARING - Ear Plugs



SOFT PU EARPLUGS, DISPENSER BOXES

Made from soft PU foam, the plugs expand gradually and so conform to exactly the size and shape of the ear canal.

Very high **SNR 37** rating for excellent protection in very noisy environments.

Available in corded and uncorded versions.

Supplied in a convenient cardboard dispenser box of 200 pairs.

SNR 37

Ref	Description	SNR	Plugs/Pack	Packs/Case
UC-EPO3	Standard PU Ear Plugs	37	200	10
UC-EPO3C	Corded PU Ear Plugs	37	200	10



SOFT PU EARPLUGS, DISPENSER SYSTEM

Made from soft PU foam, the plugs expand gradually and so conform to exactly the size and shape of the ear canal.

Very high **SNR 37** rating for excellent protection in very noisy environments.

Supplied in a convenient ready filled dispenser with 500 pairs of earplugs.

The dispenser can be either free standing or wall mounted (fixings included) and is easily refilled from a bulk polybag of 500 pairs.

SNR 37

Ref	Description	SNR	Plugs/Pack	Packs/Case
UC-D500	Dispenser complete with 500 pairs of EP03 plugs	37	500	10
UC-EP03BLK	500 pair BULK refill for UC-500D Dispenser	37	500	10



DETECTABLE EARPLUGS, DISPENSER BOXES

Made from soft BLUE PU foam, the plugs expand gradually and so conform to exactly the size and shape of the ear canal.

Very high **SNR 37** rating for excellent protection in very noisy environments.

Metal detectable for use in food applications.

Corded version only.

Supplied in a convenient cardboard dispenser box of 200 pairs.



SNR 37

Ref	Description	SNR	Plugs/Pack	Packs/Case
UC-EPO3CD	DETECTABLE Corded PU Ear Plugs	37	200	10

HEARING - Ear Plugs

REUSABLE EARPLUGS

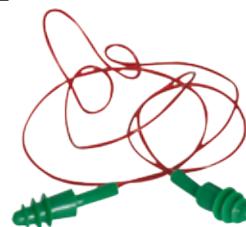
Cost effective reusable earplugs made from soft thermoplastic rubber.

Easily cleaned for re-use and individually packed for hygiene.

Suitable for less demanding applications where higher levels of protection are not necessary.

Easily fitted without having to touch the area being inserted into the ear for better hygiene.

Supplied in cardboard dispenser boxes of 200 pairs.



SNR 23

Ref	Description	SNR	Plugs/Pack	Packs/Case
UC-EPO4T	Reusable Ear Plugs, CORDED	23	200	10

DELUXE REUSABLE EARPLUGS

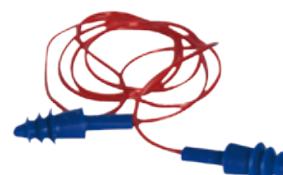
Made from long lasting soft silicon rubber.

Good protection against increased noise levels.

Easily cleaned for re use and individually packed for hygiene.

Easily inserted without the risk of ear contamination as there is no need to compress before use.

Supplied in cardboard dispenser boxes of 200 pairs.



SNR 29

Ref	Description	SNR	Plugs/Pack	Packs/Case
UC-EPO4	DELUXE Reusable Ear Plugs, CORDED	29	200	10

BANDED EARPLUGS

Convenient Banded design can be worn over the head or around the neck when worn with helmets or visors.

Spare Foam Pods available for greater economy.

Sold individually packed in convenient dispenser boxes.



SNR 20

Ref	Description	SNR	Sets/Pack	Packs/Case
UC-EP07B	Banded Ear Plugs	20	40	10
UC-EP06P	Replacement Foam Pods	n/a	10	n/a

DELUXE FOLDING EARPLUGS

Convenient folding design allows the earplugs to be stored more easily.

Higher protection levels for noisier environments.

Versatile design can be worn over the head or behind the neck.

Spare Foam Pods available for greater economy.

Sold individually packed in convenient dispenser boxes.



SNR 24

Ref	Description	SNR	Sets/Pack	Packs/Case
UC-EB01B	Deluxe FOLDING Ear Plugs	24	40	10
UC-EP09P	Replacement Foam Pods	n/a	10	n/a

HEARING - Ear Plugs 

CLASSIC

Made from soft energy absorbing foam, the special closed structure of the foam allows the plugs to expand gradually and so conform to exactly the size and shape of virtually any ear canal. Available in standard or corded versions.

SNR see table below

Ref	Description	SNR	Plugs/Pack	Packs/Case
PP-01-002	CLASSIC Pillow Pack	28	250	4
CC-01-000	CABOCORD (Classic Corded)	29	200	10
PD-01-000	ONE TOUCH DISPENSER only (no plugs)	--	1	4
PD-01-001	CLASSIC One Touch Refill	28	500	1



SNR 36

Ref	Description	SNR	Plugs/Pack	Packs/Case
ES-01-001	EARSOFT Yellow Neons	36	250	4
ES-01-011A	EARSOFT Metal Detectable Corded (Blue)	36	200	10
PD-01-000	ONE TOUCH DISPENSER only (no plugs)	--	1	4
PD-01-002	EARSOFT Yellow Neon One Touch Refill	36	500	4



SNR 32

Ref	Description	SNR	Plugs/Pack	Packs/Case
UF-01-000	ULTRAFIT Corded	32	50	4
TR-01-000	TRACERS Metal Detectable Corded	32	50	4



SNR 23

Ref	Description	SNR	Plugs/Pack	Packs/Case
EC-01-000	MODEL 200 Ear Caps	23	40	10
ES-01-300	SPARE PODS, Box of 10 pairs	n/a	10	50
ES-01-301	SPARE PODS, Pack of 50 pairs	n/a	50	10

MODEL 200 DISPENSER BOX

A semi-aural hearing protector for workers exposed to high noise levels. They are also useful as disposable protectors for visitors. Economic as spare caps are available in packs of 10 or 50 pairs.

SPARK PLUGS

Effective concept with a special contoured shape which anchors the plug in the ear canal. Now available in a **metal detectable** version (uncorded)

PURA-FIT

Improved tapered design with extended length to improve attenuation levels

CONTOURS

This **NEW** development has a long angled tip, wider seal, slim waist and extra wide end for precise comfortable protection.

MELLOWS

Designed for lower noise levels. Helps to keep the wearer in touch with their environment and helps aid communications.

SNR see table below

Ref	Description	SNR	Plugs/Pack	Packs/Case
7800	SPARK PLUG	35	200	10
7801	SPARK PLUG CORDED	35	200	10
7809	SPARK PLUG CORDED <u>DETECTABLE</u>	32	200	10
7700	PURA-FIT PLUG	36	200	10
6900	PURA-FIT PLUG CORDED	36	200	10
7400 / 7403	CONTOUR PLUG / CONTOUR SMALL	35	200	10
7600	MelLows	22	200	10


DISPENSER SYSTEM

Designed to dispense a range of Moldex plugs directly into the hand. Easily refilled, monitored and operated, this system cuts down on packaging and waste. Available in 2 different refill sizes for convenience. Refill includes the dispenser head for improved hygiene and reliability.

SNR see table below

Ref	Description	SNR	Plugs/Pack	Packs/Case
7850	SPARK PLUG 500 Refill	35	500	8
7825	SPARK PLUG 250 Refill	35	250	8
7829	SPARK PLUG DETECTABLE 250 Refill	32	250	8
7859	SPARK PLUG DETECTABLE 500 Refill	32	500	8
7750	PURA-FIT PLUG 500 Refill	36	500	8
7725	PURA-FIT PLUG 250 Refill	36	250	8
7650	MelLow PLUG 500 Refill	22	500	8
7450 / 7453	CONTOUR PLUG / CONTOUR SMALL 500 Refill	35	500	8
7625	MelLow PLUG 250 Refill	22	250	8
7060	Wall Mount / Free standing	--	1	8


WAVEBAND 1K

A **NEW** concept which is ultra light and has very low contact pressure. Designed with no frame contact to the head to alleviate annoying contact noise.

SNR 27


Ref	Description	SNR	Plugs/Pack	Packs/Case
6810	WAVEBAND 1K	27	8	10
6825	SPARE PODS for above	N/A	50	10

Respiratory Protection - basic guide

Respiratory Protection - common applicable standards

EN149 – Filtering facepiece and particulate respirators
EN405 – Valved filtering half mask respirators for gases and/or particulates
EN140 – Halfmask facepieces and quarter masks
EN136 – Full facepieces
EN137 – Self-contained open circuit compressed air breathing apparatus
EN143 – Particulate filters
EN146 – Powered Respirators –Hoods & Helmets
EN147 – Powered Respirators – Full Face, Half Face or Quarter Masks
EN270 – Heavy Duty Supplied Air
EN371 – Gas and/or combined filters for use against low boiling point organic compounds.
EN529 – Respiratory selection, use and care
EN1146 – Compressed air escape apparatus with hood
EN1835 – Light Duty Supplied Air
EN12941 – Powered Respirators – Hoods and Helmets
EN12942 – Powered Respirator Full Face Masks
EN14387 – Gas & vapour filters



How to Decide on Protection Levels - A simple Guide

- Identify the risk** -is it dust, mists, metal fume, gas, vapour or a combination.
- Concentration** -assess the concentration of the hazard, you may need expert help or specialised equipment.
- Workplace Exposure** -measure the likely exposure levels, you may need an expert risk assessment.
- Product Selection** -ensure you are purchasing the correct CE marked equipment.
- Training** -Set up a training system for all users and carry out fit testing (if applicable).

Maintenance Free Particulate Respirators

The most common type of respiratory protection is used for particulates as they are simple to use and relatively inexpensive. There are 3 basic levels of protection which may be valved (cooler to wear) or contain carbon or other products to remove nuisance levels of certain gases and vapours. A brief summary of protection levels is outlined below.

Protection	FFP1	FFP2	FFP3
Typically used for	Non toxic dusts, mists and fumes based on water and oil . Working with non toxic dusts, mists and fumes. Hand sanding, drilling and cutting.	Harmful dusts, fumes and aerosols based on water and oil Working with softwood, glass fibres, metal and plastics [besides PVC] and oil mists.	Harmful and carcinogenic dusts, fumes and aerosols based on water and oil. Working with highly toxic metals, hardwood, radioactive and biochemical active substances as well as oil mists.

APF is the “Assigned Protection Factor” which indicates the level of protection provided by the mask. A respirator with an APF of 20 offers double the protection of one with an APF of 10.

WEL is the “Workplace Exposure Limit” which in simple terms is the maximum amount of airborne contaminant allowed when averaged over a specific time period. Clearly this varies depending on the contaminant and there are also two reference time periods used, **TWA** (8 hour Time Weighted Average) and **STEL** (15 minute Short Term Exposure Limit)

Gas and Vapour Filters

While often supplied with additional particulate protection this type of respirator is normally used for protection against gases and vapours. A brief summary of common filter types are shown below and we will be happy to arrange an on site consultation from Scott or Moldex on request.

Type	Colour			Hazard Type	Examples	Maximum Use Level	
A1	A1			Organic gases and vapours, boiling point >65°C	Working with solvents from paints and adhesives	10 x WEL (half mask) 20 x WEL (full face mask) Or 1000 ppm whichever is lower	
A2	A2			Organic gases and vapours, boiling point >65°C at higher concentrations	As A1 above but at higher concentrations or prolonged use.	10 x WEL (half mask) 20 x WEL (full face mask) Or 5000 ppm whichever is lower	
A1B1E1	A1	B1	E1	As A1 + inorganic gases and vapours + acid gases. (NOT for Carbon Monoxide)	As A1 + working with chlorine, bromine, hydrochloric acid and other acid gases	10 x WEL (half mask) 20 x WEL (full face mask) Or 1000 ppm whichever is lower	
A1B1E1K1	A1	B1	E1	K1	As A1B1E1 + ammonia and ammonia derivatives.	As A1B1E1 + ammonia and its derivatives.	10 x WEL (half mask) 20 x WEL (full face mask)

RESPIRATORY - Cup Masks

NUISANCE CUP MASK

The UC-DM is a **nuisance** mask used for product protection and comfort. Available bulk packed in boxes of 50.

This mask is not classed as PPE and should not be used against dusts which are in any way harmful.

This mask is not classed as PPE and should not be used against dusts which are in any way harmful.



This mask is sold in CASE QUANTITIES ONLY

Ref	Description	FFP	Valve	Pack	Case
UC-DM	Nuisance Masks, Case of 20 Packs (Case Quantities only)	NO	NO	50	20

FFP1 CUP MASK

Fully UK certified to EN149:2001 +A1:2009. Adjustable nose bridge with foam seal.

Colour co-ordinated straps for easy workplace identification.

Available in standard cost effective version or a valved version to reduce heat build up within the mask for greater worker acceptance.



Ref	Description	FFP	Valve	Pack	Case
UC-P1	FFP1 Standard Masks, Pack of 20	FFP1 NR	NO	20	20
UC-P1V	FFP1 Standard Valved Masks, Pack of 20	FFP1 NR	YES	20	20

FFP2 CUP MASK

Fully UK certified to EN149:2001 +A1:2009. Adjustable nose bridge with foam seal.

Colour co-ordinated straps for easy workplace identification.

Available in standard cost effective version or a valved version to reduce heat build up within the mask for greater worker acceptance.



Ref	Description	FFP	Valve	Pack	Case
UC-P2	FFP2 Standard Masks, Pack of 20	FFP2 NR	NO	20	20
UC-P2V	FFP2 Standard Valved Masks, Pack of 20	FFP2 NR	YES	20	20

FFP3 CUP MASK

Fully UK certified to EN149:2001 +A1:2009. Adjustable nose bridge and soft flexible face seal.

Extra wide adjustable elastic straps ensure a secure fit.

Available in a valved version ONLY to reduce heat build up within the mask for greater worker acceptance.

A premium mask for more demanding applications.



Ref	Description	FFP	Valve	Pack	Case
UC-P3V	FFP3 Standard Valved Masks, Pack of 10	FFP3 NR	YES	10	20

RESPIRATORY - Fold Flat Masks



FFP1 FOLD FLAT MASK

Fully UK certified to EN149:2001 +A1:2009.
Adjustable nose bridge with foam seal.

Colour co-ordinated straps for easy workplace identification.

Space saving **fold flat** design and individual packaging.

Available in standard cost effective version or a valved version to reduce heat build up within the mask for greater worker acceptance.



FFP2 FOLD FLAT MASK

Fully UK certified to EN149:2001 +A1:2009.
Adjustable nose bridge with foam seal.

Colour co-ordinated straps for easy workplace identification.

Space saving **fold flat** design and individual packaging.

Available in standard cost effective version or a valved version to reduce heat build up within the mask for greater worker acceptance.

Also available in a **valved version with activated carbon** which helps absorb smells and odours (below the OEL)

Ref	Description	FFP	Valve	Pack	Case
UCF-P2	FFP2 Fold Flat Masks. Pack of 20	FFP2 NR	NO	20	20
UCF-P2V	FFP2 Fold Flat Valved Masks. Pack of 10	FFP2 NR	YES	10	20
UCF-P2VC	FFP2 Fold Flat Valved Masks, with carbon. Pack of 10	FFP2 NR	YES	10	20



FFP3 FOLD FLAT MASK

Fully UK certified to EN149:2001 +A1:2009.

Adjustable nose bridge with foam seal.

Colour co-ordinated straps for easy workplace identification.

Space saving **fold flat** design and individual packaging.

Available in a valved version ONLY to reduce heat build up within the mask for greater worker acceptance.

A premium mask for more demanding applications.

Ref	Description	FFP	Valve	Pack	Case
UCF-P3V	FFP3 Fold Flat Valved Masks. Pack of 10	FFP3 NR	YES	10	20

CLASSIC MASK

Durable and comfortable, this range of masks is available in a range of protection levels. Loop strap and designed to seal effectively without a nose clip. DuraMesh® structure holds the mask shape and is stronger and more durable than traditional designs. The optional Ventex® valve has an extra large vent to reduce heat and moisture. Available in a range of protection levels with or without valve.



Ref	Description	FFP	Valve	Pack	Case
2360	FFP1 CUP Masks, Pack of 20	FFP1 NR D	NO	20	12
2365	FFP1 CUP Masks, Pack of 20	FFP1 NR D	YES	20	12
2400	FFP2 CUP Masks, Pack of 20	FFP2 NR D	NO	20	12
2405	FFP2 CUP Masks, Pack of 20	FFP2 NR D	YES	20	12
2555	FFP3 CUP Masks, Pack of 20	FFP3 NR D	YES	20	12

AIR MASK

Constructed using pleated filter technology for lower breathing resistance and comfort of a surgical mask. Can be used as a normal FFP mask and in addition the non-valved versions are also tested to **EN14683:2005** for use as a **surgical or hygienic** mask. Surgical masks are designed to protect the wearer and also protect the wearers surroundings from exhaled particles and droplets.



Non-valved versions of the AIR MASK series can be used in healthcare and by the emergency services as well as standard PPE equipment.



Ref	Description	FFP	EN 14683	Valve	Pack	Case
3100	FFP2 CUP Masks, <u>Size M / L</u> , Pack of 10	FFP2 NR D	TYPE IIR	NO	10	12
3105	FFP2 CUP Masks, <u>Size M / L</u> , Pack of 10	FFP2 NR D		YES	10	12
3150	FFP2 CUP Masks, <u>Small Size</u> , Pack of 10	FFP2 NR D	TYPE IIR	NO	10	12
3155	FFP2 CUP Masks, <u>Small Size</u> , Pack of 10	FFP2 NR D		YES	10	12
3200	FFP3 CUP Masks, <u>Size M / L</u> , Pack of 10	FFP3 NR D	TYPE IIR	NO	10	12
3205	FFP3 CUP Masks, <u>Size M / L</u> , Pack of 10	FFP3 NR D		YES	10	12
3250	FFP3 CUP Masks, <u>Small Size</u> , Pack of 10	FFP3 NR D	TYPE IIR	NO	10	12
3255	FFP3 CUP Masks, <u>Small Size</u> , Pack of 10	FFP3 NR D		YES	10	12
AIR PLUS	REUSABLE					
3305	FFP2 <u>Reusable</u> CUP Masks, Pack of 5	FFP2 R D		YES	5	12
3405	FFP3 <u>Reusable</u> CUP Masks, Pack of 5	FFP3 R D		YES	5	12

The face seal on AIR PLUS MASKS can be cleaned and disinfected and used for more than ONE shift.

RESPIRATORY - Cup Masks 3M



MAINTENANCE FREE MASKS

We stock a range of the most popular respirators in standard cup, folding, soft seal and welding styles. Most styles are fitted with cool flow valves and have an enhanced fit to the face. More details are available in the summary table below.

Ref:	Description	FFP	Valve	Pack Qty	Packs/Case
CUP SHAPED RESPIRATORS					
8710E	Dust/Mist Respirator	FFP1 NR D	NO	20	12
8812	Dust/Mist Respirator, Valved	FFP1 NR D	YES	10	24
8810	Dust/Mist Respirator	FFP2 NR D	NO	20	12
8822	Dust/Mist Respirator, Valved	FFP2 NR D	YES	10	24
FOLDABLE RESPIRATORS					
AURA 9310+	Dust/Mist Respirator, Foldable	FFP1 NR D	NO	20	12
AURA 9312+	Dust/Mist Respirator, Valved, Foldable	FFP1 NR D	YES	10	12
AURA 9320+	Dust/Mist Respirator, Foldable	FFP2 NR D	NO	20	12
AURA 9322+	Dust/Mist Respirator, Valved, Foldable	FFP2 NR D	YES	10	12
AURA 9332+	Dust/Mist Respirator, Valved, Foldable	FFP3 NR D	YES	10	12
SOFT SEAL RESPIRATORS					
8825	Dust/Mist Respirator, Soft Seal.	FFP2 R D	YES	5	10
8835	Dust/Mist Respirator, Valved, Soft Seal.	FFP3 R D	YES	5	10



WELDING RESPIRATORS

These masks are designed to protect against particulates and ozone from welding processes. The activated carbon layer also offers nuisance (below OEL) level protection from organic vapours. Cool flow valve and flame retardant construction.

Ref:	Description	Protection Against (below WEL)	FFP	Valve	Pack Qty	Packs/Case
9925	Dust/Mist Respirator, Valved	Ozone (10xWEL) and Organic Vapours (below WEL)	FFP2 NR D	YES	10	8
9928	Dust/Mist Respirator, Valved, Soft Seal	Ozone (10xWEL) and Organic Vapours (below WEL)	FFP2 NR D	YES	10	8



GAS AND VAPOUR RESPIRATORS

These masks are designed to protect against particulates and organic vapours **with good warning properties (i.e. smell) and boiling point above 65 °C.**

These masks are **NOT SUITABLE** for odourless gases and vapours where the user would not be able to determine when the filters were saturated. Maintenance free and designed to be disposed of within one month of opening or when the filters are saturated (whichever occurs first).

Ref:	Description	Protection Against	Rated	Valve	Pack Qty	Packs/Case
4251	Maintenance Free Respirator	Organic vapour / particulates	FFPA1P2RD	YES	1	10
4255	Maintenance Free Respirator	Organic vapour / particulates	FFPA2P3RD	YES	1	10
4277	Maintenance Free Respirator	Organic vapour / inorganic + acid gas / particulates	FFABE1P3RD	YES	1	10
4279	Maintenance Free Respirator	Organic Vapour / inorganic + acid gas / ammonia / particulates	FFPABEK1P3R D	YES	1	10

SERIES 7000 MASK

Made from soft comfortable TPE material to ensure optimum fit. Available with a wide range of cartridges and particulate filters which fit both the 7000 and 9000 series without the need for any adapters. Filters simply twist and lock in place and can be used in any combination enabling the same mask to protect against gases, particulates or both together.



MOLDEX

Ref:	Description	Size	Pack Qty	Packs/Case
Moldex 7002	HALF Mask Body ONLY, Medium	M	1	10
Moldex 7003	HALF Mask Body ONLY, Large	L	1	10

SERIES 9000 MASK

Made from soft comfortable TPE material to ensure optimum fit with a panoramic PC lens. Hydrophobic coating for ease of cleaning and easily removed with one finger strap release points. Available with a wide range of cartridges and particulate filters which fit both the 7000 and 9000 series without the need for any adapters. Filters simply twist and lock in place and can be used in any combination enabling the same mask to protect against gases, particulates or both together.



MOLDEX

Ref:	Description	Size	Pack Qty	Packs/Case
Moldex 9002	FULL Mask Body ONLY, Medium	M	1	1
Moldex 9003	FULL Mask Body ONLY, Large	L	1	1

SERIES 7000 & 9000 - CARTRIDGES AND FILTERS

A wide range of filters and cartridges are available to cover most applications. Filters are common to 7000 and 9000 series but **DO NOT FIT 8000 Series masks**. Filters may be combined without the need for any adapters. For example you can add any particulate filter to any gas cartridge or use the gas or particulate filter alone.



Ref: (1 pair)	Type	Description	SINGLES Per Pack	Organic	Inorganic	Acid	Ammonia	Particles
Moldex 9010	P1 R	Non toxic dusts, mists and fumes based on water or oil	20					P1 RD
Moldex 9020	P2 R	Toxic dusts, mists and fumes based on water or oil	20					P2 RD
Moldex 9030	P3 R	Solid and liquid hazardous and radioactive particles, micro-organisms	12					P3 RD
Moldex 9100	A1	Gases and vapours from organic compounds * (Class 1)	10	A1				
Moldex 9200	A2	Gases and vapours from organic compounds * (Class 2)	8	A2				
Moldex 9300	ABE1	Organic, inorganic and acidic gases and vapours	10	A1	B1	E1		
Moldex 9400	ABEK1	Organic, inorganic and acidic gases and vapours and ammonia derivatives	10	A1	B1	E1	K1	
Moldex 9500	A2B2E1	Organic, inorganic and acidic gases and vapours	8	A2	B2	E1		

* with a boiling point above 65° C



PLEASE NOTE
Respirators are supplied without filters unless stated

PROFILE² MASK

A modern twin filter half mask offering low cost of ownership and ease of use. The face piece is moulded in soft comfortable TPE, which is silicone-free and latex-free. The harness incorporates an adjustable head cradle and neck buckle, and the large diameter valves provide exceptionally low breathing resistance to reduce wearer fatigue. Extremely cost efficient with minimal maintenance, **Profile2** combines a modern design with low through-life costs. **Profile2** accepts the **Pro** range of cartridge filters.

Ref:	Description	Size	Pack Qty	Packs/Case
6032175	READY-PAK Mask <u>complete with ABEK1P3 filters</u>	M/L	1	20
5032191	AGRI-PAK <u>complete with A2P3 filters</u>	M/L	1	20
6032071	Profile 2 Mask Body ONLY, Medium	M/L	1	20
6032070	Profile 2 Mask Body ONLY, Large	L	1	20



PROMASK²

A twin filter full face mask providing exceptional balance and presenting an extremely low profile for close-up or restricted access working. **Promask 2** has an ultra-comfortable T-bar face seal, which produces an efficient seal with minimal pressure against the face. The airflow management system utilises the inner mask to prevent the visor from misting and to ensure CO₂ is flushed away rapidly and efficiently, reducing wearer fatigue even for long periods of use. **Promask 2** incorporates a wide panoramic visor to maximise the field of vision and a front mounted speech diaphragm for easy communication with colleagues. Moulded in grey silicone, **Promask 2** accepts the **Pro** range of cartridge filters.

Ref:	Description	Size	Pack Qty	Packs/Case
5012890	Mask Body ONLY, Black, Large	L	1	1



PRO² - CARTRIDGES AND FILTERS

A wide range of filters and cartridges are available to cover most applications. Packed 1 pair per pack.

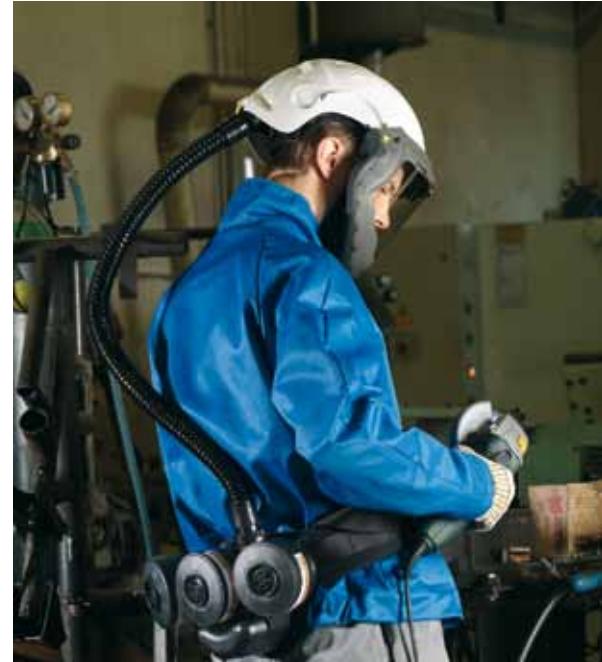
Note: Filters suitable for both the above masks.

Ref: (1 pair)	Type	Description	PAIRS per Pack	Organic	Inorganic	Acid	Ammonia	Particles
6053070	P3	Solid and liquid hazardous and radioactive particles, micro-organisms	1/20					P3
6044070	A1	Gases and vapours from organic compounds * (Class 1)	1/20	A1				
6044071	A2	Gases and vapours from organic compounds * (Class 2)	1/20	A2				
6044072	ABE1	Organic, inorganic and acidic gases and vapours	1/20	A1	B1	E1		
6044073	ABEK1	Organic, inorganic and acidic gases and vapours and ammonia derivatives	1/20	A1	B1	E1	K1	
6044080	A1-P3	Gases and vapours from organic compounds*(Class 1), solid and liquid hazardous particles.	1/20	A1				P3
6044081	A2-P3	Gases and vapours from organic compounds* (Class 2), solid and liquid hazardous particles.	1/20	A2				P3
6044082	ABE1-P3	Organic, inorganic and acidic gases and vapours and solid and liquid hazardous particles.	1/20	A1	B1	E1		P3
6044083	ABEK1-P3	Organic, inorganic, acidic gases and vapours, ammonia, solid and liquid hazardous particles.	1	A1	B1	E1	K1	P3
RXP/PACK 20	Pre Filter	Pack of 20 pre-filters	1					

* with a boiling point above 65 °C

T- POWER POWERED RESPIRATORS

Provides a constant supply of filtered air from the waist mounted lightweight, compact and unobtrusive turbo unit. The anti-static polypropylene construction, is suitable for potentially explosive atmospheres and the unit is simple to configure for changes in application using Tor/Adapt filter holders. Electronically controlled flow with audible and visual warnings of filter clogging or low battery. Automatically recognises the head top and monitors and optimises airflow accordingly.



Ref:	Description
T/Power	Tornado blower unit c/w micro processor control, belt and flow tester.
Tor/Batt/Lite	NiMH Battery, with typical 8 hour capacity
Tor/Adapt	Filter Adapters (pair) required to fit gas and vapour cartridges to T/Power unit.
Tor/BC/SM	Smartcharger for recharging single battery



TORNADO FILTERS

A range of filters are available for particulates, gas or a combination of both. **Particulate Filters** are used singly and fit directly to the blower unit. **Gas Filters** need the **TOR/ADAPT** to fit 2 or 3 of the same filter, single gas filters should **NOT** be used. **Combination Filters** also require the **TOR/ADAPT** and 3 of the same filter must be used, **NOT** singles.



Ref: (1 FILTER)	Type	Description	Requires TOR/ADAPT	Number of Filters	Organic	Inorganic	Acid	Ammonia	Mercury	Particles
PF251/2	PSL	Solid and liquid particulates	NO	1						PSL
PF251/SUPER	PSL	Solid and liquid particulates, High Capacity (approx. 3 times capacity of PF251/2)	NO	1						PSL
TF200	A2	Gases and vapours from organic compounds * (Class 2)	YES	2 or 3	A2					
TF203	K1	Ammonia and ammonia derivatives	YES	2 or 3				K1		
TF210	ABE1	Organic, inorganic and acidic gases and vapours	YES	2 or 3	A1	B1	E1			
TF220	A2-PSL	Organic gases* (Class 2) and solid and liquid particulates	YES	3	A2					PSL
TF223	K1-PSL	Ammonia and ammonia derivatives and solid and liquid particulates	YES	3				K1		PSL
TF230	ABE1-PSL	Organic, inorganic and acidic gases and vapours and solid and liquid particulates	YES	3	A1	B1	E1			PSL
TF233	ABEK2Hg-PSL	Organic, inorganic, acidic gases and vapours, ammonia, Mercury Vapour and particulates	YES	3	A2	B2	E2	K2	Hg	PSL

* with a boiling point above 65°C

RESPIRATORY - Air Fed Head Tops Protector®



T-ONE

Lightweight half hood
Durable PU coated nylon material
Choice of two sizes for optimum fit
Broad face seal for comfortable efficient fit



T-TWO

Lightweight full head covering
Durable PU coated nylon material
Simple drawstring neckseal
Provides highest protection factor
Fits over beards or spectacles



T-THREE

Impact visor in Polycarbonate or Acetate
Wide field of vision
Directional airflow for added comfort
Smooth action flip up visor
Broad face seal for comfortable efficient fit



T-TWENTY FIVE

Integrated protection for high risk environments
Hypalon cape provides excellent chemical resistance
Impact visor in Polycarbonate or Acetate
Provides highest protection factor
Utilises Protector Tuffmaster II safety helmet



T-PROCAP

Full range of visors available
Unique monorail visor system maintains low profile
Innovative visor seal sweeps helmet shell preventing the ingress of contaminants
Efficient weight distribution for optimum comfort
Quick lock swivel hose connection.



T-PROCAP WELD

Flip or retractable visor with secondary impact visor
Choice of passive or electronic lenses
Rugged construction for demanding environments
Efficient weight distribution for optimum comfort
Optional ear defenders.



T-FIVE

Compact low profile PPE combination
Utilises Protector Tuffmaster II safety helmet
Optional ear defenders
Flip up visor in Polycarbonate or Acetate
Broad face seal for comfortable efficient fit.



T-TWO / AS

Enhanced ANTI-STATIC PU material
Easy to clean and decontaminate
Taped seams prevent liquid ingress
Provides highest protection factor
Fits over beards or spectacles



FREE advice and further
Information is available from

SCDTT
HEALTH & SAFETY

SAFETY HELMETS- Basic Guide

Legally, when should safety helmets be worn?

The Construction (Head Protection) Regulations 1989 require suitable head protection, normally safety helmets, to be provided and worn when there is a risk of injury. If you are in control of a site, eg as a principal contractor, you need to think about risks of head injury. There may be risks from falling materials or of knocking into things such as low scaffolds. Unless there is no foreseeable risk of injury you must provide your employees with safety helmets and decide when, where, and how they should be worn. Safety helmets must be worn in designated 'hard hat' areas. Only turban-wearing Sikhs are exempt from these requirements.

The Construction (Head Protection) Regulations 1989 allow you to make rules governing when and where safety helmets should be worn. These rules apply to **everyone on site**, and that includes visiting workpeople such as architects, delivery drivers and utility workers. These rules should be in writing and should be brought to the attention of all those who may be affected by them so that everyone knows when and where safety helmets are to be worn.



Standards for Safety Helmets (covered in this catalogue)

EN 397:2012	Industrial Safety Helmets should be marked on the shell.
EN 397:1995	Standard number, maker and model identification.
	Size or size range (cm) (on both shell and harness).
	Year and quarter (or month) of manufacture.
	Informative label with specified wording.
	Shell material, eg ABS, PC, HDPE etc.
Optional Markings	-20 C or -30 C - tested at very low temperature.
	+150 C - tested at high temperature
	440 V a.c. - tested for electrical insulation
	LD - tested for lateral deformation
	MM - resists molten metal splash
Please Note	The helmet must have attachment points for a chinstrap

Standards for Industrial Bump Caps (covered in this catalogue)

EN 812:2012	Industrial Bump Caps should be marked.
EN 812:1998	Standard number, maker and model identification.
	Size or size range (cm) (on both shell and if fitted harness).
	Year and quarter (or month) of manufacture.
	Informative label with specified wording.
Optional Markings	-20 C or -30 C - tested at very low temperature.
	F -resistant to flame
	440 V a.c. - tested for electrical insulation

Other standards may also be applicable but these are beyond the scope of this simple guide.

Basic Maintenance

Safety helmets must be maintained in good condition and should

- (a) be stored in a safe place, eg on a peg or in a cupboard on site;
 - (b) not be stored in direct sunlight or in excessively hot, humid conditions because long-term exposure can weaken the shell;
 - (c) be checked regularly for signs of damage or deterioration;
 - (d) have defective parts replaced (if the model allows this). Parts from one model cannot normally be interchanged with those from another;
 - (e) have the sweatband cleaned regularly or replaced.
- Before the safety helmet is issued to another person, it should be inspected to ensure it is serviceable and thoroughly cleaned in accordance with the manufacturer's instructions, eg using soap and water. The sweatband should always be cleaned or replaced.

Damage to the Shell

Damage to the shell of a helmet can occur when: **objects fall onto it, it strikes against a fixed object or it is dropped or thrown.**

Certain chemicals can weaken the plastic of the shell leading to rapid deterioration in shock absorption or penetration resistance. Chemicals which should be avoided include aggressive cleaning agents or solvent based adhesives and paints. Where names or other markings need to be applied using adhesives, advice should be sought from the helmet manufacturer. Normally, helmets should be replaced at intervals recommended by the manufacturer. They will also need replacing when the harness is damaged or if it is likely that the shock absorption or penetration resistance has deteriorated. For example, when the shell has received a severe impact, or if deep scratches occur (ie to a depth greater than 25% of the shell thickness) or if the shell has any visible cracks.

HEADWEAR - Safety Helmets



HP SERIES SAFETY HELMETS

Tough durable HDPE material
Nylon Web or PE Harness.
Foam Lined Sweatband.
Rain Gutter.
Fully Adjustable.
EN 397:1995/2012 Approval.
Fixing points for chin strap.
Available in 6 colours.



Standard Version, HP/-PE
With 4 Point PE Harness



Deluxe Version, HP/-TE
with 6 Point Nylon Web Harness

*Colour - select relevant code from table below

HP1	HP2	HP3	HP4	HP5	HP6
WHITE	YELLOW	BLUE	RED	ORANGE	GREEN

Ref	Description	Pack	Case
HP/Colour*/TE	HELMET Deluxe with 6 point Nylon Harness	1	50
HP/Colour*/PE	HELMET Standard with 4 point PE Harness	1	50



HP SERIES VENTED SAFETY HELMETS

Lightweight ABS construction
Vented for improved user comfort
Foam Lined Sweatband
Rain Gutter
6 Point nylon harness
Fully Adjustable
EN 397:2012 Approval
Fixing points for chin strap



*Colour - select relevant code from adjacent table

HPV1	HPV2	HPV3	HPV4	HPV5
WHITE	YELLOW	BLUE	BLACK	ORANGE

Ref	Description	Pack	Case
HPV/Colour*/PE	VENTED HELMET Deluxe with 6 point Nylon Harness	1	40

EMH5 HELMET MOUNTED EARMUFF

Designed to fit our own brand helmets (**NOT suitable for vented version**) with a mounting that allows the earmuffs to be clipped away from the ears when not in use.

Ear cups are fully adjustable to ensure a precise seal against the head.



**Please note these earmuffs do not fit the vented Uci helmet*

Ref	Description	SNR	Pack	Case
EMH5	EARMUFF, helmet mounted	23	10	60



Helmet and visor
not included

HELMET VISOR MOUNT

Designed to fit our HP helmet range but will also fit most straight peaked helmets.

Easily fitted and removed and extremely secure in use. Visor has 3 "click stop" positions and lifts clear of the face when required.

Suitable for our VCA85 polycarbonate visor and VM85M mesh visor



Helmet and visor not included

Ref	Description	Antifog	EN 166	EN 170	EN 172	EN1731	Pack	Case
H86	HELMET MOUNT, standard without visor	N/A	-	NO	NO	N/A	10	100
VCA85	VISOR, 20cm polycarbonate	NO	1 B 3	NO	NO	N/A	35	140
VCA85M	VISOR, 20cm steel mesh	N/A	N/A	N/A	N/A	F	10	200

UNIVERSAL CHIN STRAP

Designed to fit our HP helmet range but will also fit most helmets.

Fully adjustable with chin cup and simple hook fixing.

Ref	Description	Pack	Case
CS1	CHIN STRAP for HP safety helmet	10	50



HEADWEAR - Specialist Helmets



FORESTRY HELMET SET

Supplied as a complete boxed set comprising of

HP/ORANGE/PE helmet,

EMH5 ear muffs,

H867 visor carrier and

VM85M mesh visor

Spare visors, carrier and earmuffs available individually.

Applicable EN Standards

Visor EN166:2002, EN1731:2007

Helmet EN 397:1995/2012

Also accepts our VCA85 polycarbonate visor (available separately)

Ref	Description	SNR	Pack	Case
SM967A/PE/OR	Uci Forestry helmet set	23	1	12

TIRRENO TXR VENTED HELMET

Premium vented helmet with modern streamlined styling.

Lightweight ABS construction.

Easily adjustable with secure wheel ratchet.

Additional foam pad on harness for improved comfort.

EN 397: 1995 + A1:2000



Ref	Description	Pack	Case
TIRRENO TXR WHITE	Premium ABS vented helmet (White)	1	36
TIRRENO TXR HV-YELLOW	Premium ABS vented helmet (Hi-Vis Yellow)	1	36

For working at height we recommend the CADI helmet featured on Page 140

HPBC SERIES BUMP CAPS

Stylish modern design.
EN 812:1998/2012 Approval.
Adjustable fastening.
Vented for user comfort.
Removable inner for embroidery.
Foam cushions help protect head.



Please Note: The bump caps on this page are **NOT** safety helmets and offer little or no protection from falling objects.

*Please replace Colour with code from table opposite

Ref	Description	Pack	Case
HPBC/Colour*	BUMP Cap, baseball style	1	60

HPBC21	HPBC22	HPBC23	HPBC24	HPBC25	HPBC26
NAVY	ROYAL	GREEN	BLACK	RED	ORANGE

HPBC/RP SERIES BUMP CAPS

REDUCED PEAK for better visibility.
Stylish modern design.
EN 812:1998/2012 Approval.
Adjustable fastening.
Vented for user comfort.
Removable inner for embroidery.
Foam cushions help protect head.



*Please replace Colour with navy or blue as required

Ref	Description	Pack	Case
HPBC/Colour*/RP	BUMP Cap, reduced peak (Navy or Black)	1	60

HPBC21/RP	HPBC24/RP
NAVY	BLACK

HP SERIES HI-VIS BUMP CAPS

Available in hi-vis yellow or orange.
Stylish modern design.
EN 812:1998/2012 Approval.
Adjustable fastening.
Vented for user comfort.
Removable inner for embroidery.



*Please replace Colour with orange or yellow as required.

Ref	Description	Pack	Case
HPHV/Colour*	BUMP Cap, baseball style	1	60

HPHV29	HPHV30
ORANGE	YELLOW

HEADWEAR - Safety Helmets

SCOTT Protector®



Key to colour codes
W=White, Y=Yellow, B=Blue, R=Red,
G=Green, O=Orange, HO=Hi-Vis Orange,
HY=Hi-Vis Yellow, GY=Grey, BLK=Black



300 SERIES HELMETS

Terylene Web or PE Harness.
Vented or un-vented versions.
Low weight (310 g).
Rain Gutter and chin strap fixings.
Fully Adjustable.

SCOTT
HEALTH & SAFETY

**Low cost personalised
helmet branding available**

Minimum quantity 40 helmets
per colour, per helmet style

Ref	Available Colours	Description	Pack	Case
HC300EL	W,Y,B,R,G,O,HO	HELMET Deluxe with 8 point Terylene Harness	1	20
HC300VEL	W,Y,B,R,G,O,HO,HY,GY,BLK	HELMET Deluxe VENTED with 8 point Terylene Harness	1	20
HC300SB	W,Y,B,R,G,O,HO	HELMET Standard with Polyethylene Harness	1	20
HC300VSB	W,Y,B,R,G,O,HY,GY	HELMET Standard VENTED with Polyethylene Harness	1	20
FH300	O	Forestry Helmet c/w Mesh Visor, Ear Muffs (SNR 27), Neck Cape	1	1

600 SERIES SAFETY HELMETS

Terylene Web or PE Harness.
Vented or un-vented versions.
Low weight (310 g).
Rain Gutter and chin strap fixings.
Short peak.
Also available with **integrated eye shield**.
Fully Adjustable.



Key to colour codes
W=White, Y=Yellow, B=Blue, R=Red,
G=Green, O=Orange, HO=Hi-Vis Orange,
HY=Hi-Vis Yellow, GY=Grey, BLK=Black



Ref	Available Colours	Description	Pack	Case
HC600	W,Y,B,R,G,O,HO,HY,GY,BLK	HELMET Deluxe with 8 point Terylene Harness	1	20
HC600/HXSPEC	W,Y,B,R,G,O	HELMET Deluxe with 8 point Terylene Harness & HXSPEC VISOR	1	20
HC600V	W,Y,B,R,G,O,HO,HY,BLK	HELMET Deluxe VENTED with 8 point Terylene Harness	1	20
HC600V/HXSPEC	W,Y,B,R,G	HELMET Deluxe VENTED with 8 point Terylene Harness & HXSPEC VISOR	1	20



Hi-vis version
also available

THERMAL LINER

Suitable for use in extremely cold conditions.

Constructed using Thinsulate® thermal insulation and suitable for use with all styles of helmet.

Available in standard or hi-vis versions.

Ref	Description	Pack	Case
HXZH	Thermal helmet liner, standard	1	20
HXZH-HV	Thermal helmet liner, High visibility	1	20

FIRST BASE 3

Offering unprecedented levels of fit and comfort, taking stability, protection and wearer acceptance to new levels. At the core of the range are the unique shell designs complemented by a range of stylish and durable fabrics to suit any application. Highly breathable micro perforated shell with indirect top ventilation system and a sweatband made from advanced wicking fabric to draw moisture away from the skin. The adaptive shell design contours uniquely around the head for a stable, individual and comfortable fit enhanced by the elasticated adjustment strap. The unique shell designs deliver optimum protection and are shaped over the ear for enhanced compatibility with other forms of PPE. Stylish aesthetics ensure wearer acceptance. Available in **Classic, Xtra and Elite** with a choice of peaks.

CLASSIC (HC23/CLA)

Timeless look and appeal.

Single colour design in 9 colour options.

Lightweight Microfibre cap fabric reduces humidity and permits air circulation.

High visibility versions available including waterproof, EN471 specified fabrics with reflective tape.

Side mesh enhances air circulation.

Standard (70 mm), Reduced (55 mm) or Micro (25 mm) peak options.

**XTRA (HC23/XTR)**

Traditional look and appeal.

Utilises a unique full shell design.

Single colour design in 3 colour options.

Durable Polyester/Cotton blend fabric.

Side mesh enhances air circulation.

Reduced peak length (55 mm).

**ELITE (HC23/ELT)**

Modern look and appeal

Utilises a unique flexible shell design and dual complementary colour cap design in 3 standard combinations

Lightweight Microfibre cap fabric reduces humidity and permits air circulation

Side and top mesh maximises air circulation

360 degree reflective piping enhances visibility and safety

Standard, Reduced or Micro peak options

**BUMPMASTER HC31**

The Protector Bumpmaster is a wipe clean, low profile polyethylene bump cap.

Ideally suited to applications where cleanliness in conjunction with impact protection are the prime considerations, for example, in the food preparation industry.

The Bumpmaster is compatible with the wearing of ear defenders, goggles and safety spectacles and is available in a wide range of colours.



Ref	Available Colours	Description	Pack	Case
HC31	W,Y,B,R,G,O	BUMP CAP, Polyethylene, wipe clean	1	15

SAFETY FOOTWEAR- Basic Guide

The latest standard for safety footwear most commonly used is ISO EN 20345:2011 which replaces the older EN 20345:2004 and EN 345 standard on all new products*. The relevant standard to which the footwear conforms will be identified on the footwear together with the level of protection provided.

*The earlier standards will still be seen on older stocks but ALL NEW stock coming onto the market after June 2013 has to comply with the new EN 20345:2011 standard.

Levels of Protection

For ease of selection safety footwear normally carries a simple two or three letter code which defines the basic safety standards for that particular product. Typically this begins with an **S** for 200 Joule toe caps and less commonly **P** for 100 Joule toe caps, additional properties may be indicated by the use of further codes or pictograms. A summary of the basic standards is shown below

Class	Features and Benefits
SB	Safety basic, 200 joules Toe Protection EN 345 and Oil Resistant outer sole. (Minimum Requirement)
SBP	As SB plus Mid-Sole for penetration resistance.
S1	As SB plus Anti-Static properties and fully enclosed Energy Absorbing heel area.
S1P	As S1 plus Mid-Sole for penetration resistance.
S2	As S1 plus resistance to Water Penetration and absorption
S3	As S2 plus Mid-Sole for penetration resistance and cleated outsole
S4	200 joules Toe Protection . All rubber or polymer construction (waterproof). Anti-Static properties, Energy Absorbing heel area.
S5	As S4 plus Mid-Sole for penetration resistance and cleated outsole.

Slip Resistance

The recently established EN ISO 13287 is becoming more common especially on newer styles and gives a good indication of how well a sole is likely to grip in two common scenarios. A brief summary is outlined in the table below

Slip resistance ratings for industrial PPE footwear in Europe, EN ISO 13287			
Marking	Slip Resistant on	Minimum Coefficient of Friction for	
		Forward Heel Slip	Forward flat slip
SRA	Ceramic tile with 0.5% SLS* solution	0.28	0.32
SRB	Steel with 90% glycerine	0.13	0.18
SRC	Both of the above	Both of above on respective surfaces	

*SLS is Sodium Lauryl Sulphate (in simple terms soap)

Pictograms and Sizes

	200 Joule toe cap
	Oil resistant outsole
	Anti-static properties
	Energy absorbing heel area
	Pierce resistant midsole
	Water resistant uppers, NOT waterproof
	Waterproof uppers
	Temperature resistant outsole, 180 indicates the maximum temperature
	Extra wide fitting

SRA	Slip Resistant (Tile). See EN ISO 13287
SRB	Slip Resistant (Steel). See EN ISO 13287
SRC	Slip Resistant (Tile & Steel). See EN ISO 13287

Footwear Sizing Guide												
UK	2	3	4	5	6	7	8	9	10	11	12	13
EU	35	36	37	38	39	41	42	43	44	46	47	48

FOOTWEAR - Basics

BS1(SM) SHOE

Our standard shoe is available with or without a steel mid-sole. The steel mid-sole version is ideal where there is the possibility of sharp objects penetrating the sole.



dual density PU sole



							BS1/SM ONLY
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Ref	Spec	Description	Sizes
BS1	S1	Standard Shoe	3 - 13
BS1/SM	S1P	Standard Shoe with STEEL MID-SOLE	3 - 13

BB1(SM) BOOT

Available with or without a steel mid-sole the standard boot with embossed leather upper offers excellent economic protection for general use. Also available with external scuff cap.



dual density PU sole



							/SM versions ONLY
--	--	--	--	--	--	--	-------------------

Ref	Spec	Description	Sizes
BB1	S1	Standard Boot	3 - 13
BB1/SM	S1P	Standard Boot with STEEL MID-SOLE	3 - 13
BB1/SMSC	S1P	Standard Boot with STEEL MID-SOLE and Scuff Cap	3 - 13



BT1/SM TRAINER

Our standard trainer with leather / nylon upper has a steel mid-sole as standard and a generous wider fit.



dual density PU sole



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Ref	Spec	Description	Sizes
BT1/SM	S1P	Standard Trainer with STEEL MID-SOLE	3 - 13

FOOTWEAR - Basics



BD1/SM DEALER BOOT

Quality dealer boot in black smooth leather with a wide elastic panel for ease of fitting and a steel mid-sole as standard. Black Cambrelle lining.



dual density PU sole



Ref	Spec	Description	Sizes
BD1/SM	S1P	Dealer boot with STEEL MID-SOLE	5 - 13



BR1/SM RIGGER

Traditional hard wearing tan leather rigger boot with a warm fleecy lining. External leather pull loops for easier fitting and a steel mid-sole as standard.



dual density PU sole



Ref	Spec	Description	Sizes
BR1/SM	S1P	Standard lined Rigger with STEEL MID-SOLE	5 - 13



BR2/S3 RIGGER

Premium hard wearing tan leather rigger boot with a warm fleecy lining. **SRC rated ANTI-SLIP** sole for optimum grip. **Water Resistant** leather upper. External leather pull loops for easier fitting and a steel mid-sole as standard.



dual density PU sole



Ref	Spec	Description	Sizes
BR2/S3	S3	SRC anti-slip lined Rigger with STEEL MID-SOLE	5 - 13

SNMT2 NON-METALLIC SHOE

Distinctive dark grey action leather design that uses no metallic parts in construction making this shoe perfect for airports and government buildings which utilise metal scanners



PU/TPU sole



Ref	Spec	Description	Sizes
SNMT2	S2	Deluxe shoe with non-metallic toe cap	6 - 13

S3/SM DELUXE SHOE

Traditionally styled safety shoe with a deep tread pattern for extra grip and a smooth leather upper. Steel mid-sole and now with composite toe cap.



dual density PU sole



Ref	Spec	Description	Sizes
S3/SM	S3	Deluxe shoe with steel MID-SOLE	5 - 13

M163 BROGUE

Classic brogue design in full grain leather which cleverly conceals the safety toe cap. Ideal for use by managers and office based staff.



dual density PU sole



Exact style may vary slightly



Ref	Spec	Description	Sizes
M163	S1	Black brogue work shoe	6 - 12

FOOTWEAR - Boots



RF01 FLINT ANKLE BOOT

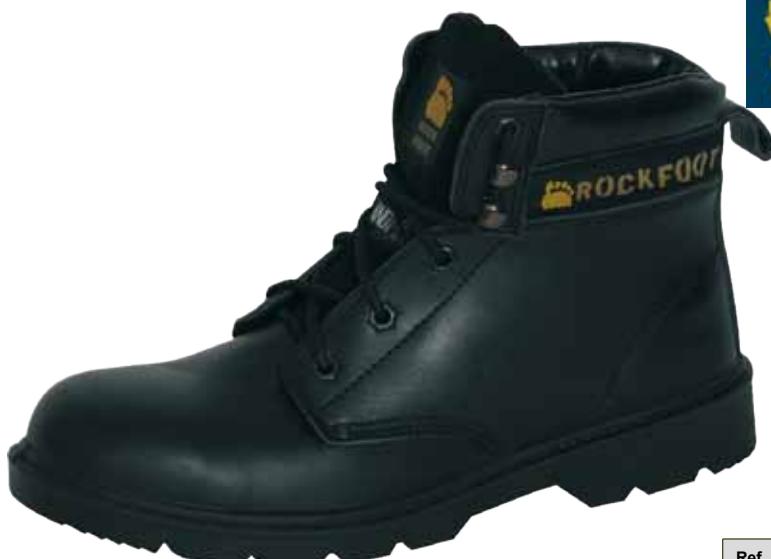
Mid cut ankle boot in full grain leather with padded collar and tongue.



dual density PU sole



Ref	Spec	Description	Sizes
RF01	S3	Flint mid-cut boot with steel MID-SOLE	5 - 13



B2/SM DELUXE BOOT

Stylish traditional 6 inch work boot in buffalo grain leather with steel mid-sole. Soft padded ankle closure and speed top lacing.



dual density PU sole



Ref	Spec	Description	Sizes
B2/SM	S3	Deluxe BOOT with steel MID-SOLE	5 - 13



B3NMT NON-METALLIC BOOT

High quality grain leather upper. Composite toe cap and mid-sole mean this boot will not be detected on metal security scanners making them ideal for use in sensitive locations.



dual density PU sole



Ref	Spec	Description	Sizes
B3NMT	S3	Composite BOOT with MID-SOLE	5 - 13

ST3380 SPORTS TRAINER

Modern slim styling with soft grain leather upper and reflective stripe detailing. Steel mid-sole and cemented rubber sole.



Cemented rubber sole



Ref	Spec	Description	Sizes
ST3380	S1P	Sports Trainer with heat resistant sole and STEEL MID-SOLE	5 - 12

RF13 SLATE TRAINER

Premium trainer with attractive suede detailing and breathable nylon upper. Bi-colour cemented sole for enhanced grip and durability. Steel mid-sole for extra protection.



Cemented rubber sole



Ref	Spec	Description	Sizes
RF13	S1P	Slate Trainer with heat resistant sole and STEEL MID-SOLE	6 - 12

RF22 PEBBLE TRAINER

Black full grain leather upper. Composite toe cap and midsole. Anvil traction rubber non-slip sole (SRC)



Rubber sole



Ref	Spec	Description	Sizes
RF22	S3	Pebble Trainer with non-slip sole and COMPOSITE MID-SOLE	3 - 12

SRC slip rating

FOOTWEAR - Boots



RF19 CARBON TRAINER BOOT

Ankle trainer boot with **AIR BUBBLE** heel for extra shock protection. Waxy action leather uppers with breathable inset panels. Heat resistant sole.



Cemented rubber sole



Ref	Spec	Description	Sizes
RF19	S1P	Carbon Trainer Boot with STEEL MID-SOLE and comfort heel.	6 - 13

BH348/9 HIKER BOOT



Cemented rubber sole



Ref	Spec	Description	Sizes
BLH348	S3	BLACK Hiker boot, STEEL MID-SOLE	6 - 12
BRH349	S3	BROWN Hiker boot, STEEL MID-SOLE	6 - 12

Available in
BLACK or BROWN



RF11 CLIFF BOOT

Half welted construction for durability. Speed lace system. Black waxy nubuck upper.



Rubber sole



Ref	Spec	Description	Sizes
RF11	S1P	Half welted, waxy leather boot, STEEL MID-SOLE	6 - 12

BLACK SAFETY WELLINGTON

Tough PVC wellington boot with a STEEL TOE CAP and full STEEL MID-SOLE. Extra deep tread pattern for better grip and a moulded heel step for easy boot removal.



PVC sole



Ref	Spec	Description	Sizes
WEL/S5	S5	PVC Wellington with STEEL MID-SOLE.	5 - 12

**WHITE SAFETY WELLINGTON**

Tough PVC wellington boot with a STEEL TOE CAP. Extra deep tread pattern for better grip and a moulded heel step to assist removal.



PVC sole



Ref	Spec	Description	Sizes
WEL/WHS4	S4	PVC Wellington (white)	5 - 12

**“RIGGER” WELLINGTON**

Tough PVC outer with a warm synthetic fur lining. Twin pull loops for easy fitting and an extra deep tread pattern for extra grip. Steel toe cap and mid-sole



PVC sole



Ref	Spec	Description	Sizes
WEL/RIG	S5	PVC Rigger Wellington with STEEL MID-SOLE.	6 - 12

WORKWEAR - High Visibility Clothing



STANDARD COAT

EN471 Class 3 approval with tough PU coated polyester shell.

2 way nylon zip with studded storm flap and concealed drawstring hood.

Knitted storm cuffs, 2 front pockets with flaps and inner pocket in the warm quilted lining.

Secure zipped pocket under storm flap.

STANDARD TROUSERS

EN471 Class 1 approval with tough PU coated polyester shell.

Adjustable leg closures.

2 Side pocket access slits, elasticated waist and taped seams.

Designed to be worn over normal trousers.



Case	Description	Sizes	Pack	Case
HV003/Colour	Coat, YELLOW or ORANGE , High Visibility, EN471	S -XXXL	1	10
HV012/Colour	Trousers, YELLOW or ORANGE , High Visibility, EN471	S -XXXL	1	20

What do EN 471 Markings Mean

Class 3:

Highest level of protection - required for any persons working on or near motorways or dual carriage ways or airports. Must incorporate a minimum of 0.80 m² of background material and 0.20 m² of retro-reflective material.

Class 2:

Required for any persons working on or near A and B class roads, also for delivery drivers. Must incorporate a minimum of 0.50 m² of background material and 0.13 m² of retro-reflective material.

Class 1:

Minimum level of protection required for any persons working on a private road or to be used in conjunction with a higher classed garment. Must incorporate a minimum of 0.14 m² of background material and 0.1 m² of retro-reflective material.

(In simple terms Class 3 garments must have banded sleeves , Cat 2 are usually waistcoats and Cat 1 normally trousers)

WORKWEAR - High Visibility Clothing

WORKWEAR

STANDARD BOMBER

EN471 Class 3 approval with tough PU coated polyester shell.

2 way nylon zip with studded storm flap and concealed drawstring hood.

Knitted cuff on sleeves and elasticated bottom, 2 front pockets with flaps and inner pocket in the warm quilted lining.



Ref	Description	Sizes	Pack	Case
HV211/Colour	Bomber Jacket, YELLOW or ORANGE , High Visibility, EN471	S -XXXL	1	10

WAISTCOATS

EN471 Class 2 approval with Velcro® closure.

Lightweight and economic protection in a wide range of conditions.



Need CLASS 3 protection but don't need the weather protection of a coat or bomber jacket? Sleeved waistcoat available in yellow.

Ref	Description	Sizes	Pack	Case
HV011/Colour	Waistcoat, YELLOW or ORANGE , High Visibility, EN471	M -XXXL	10	100
HV009	Waistcoat, SLEEEVED, YELLOW only , High Visibility, EN471	M-XXXL	10	100

WORKWEAR - High Visibility Clothing



BODYWARMER

Tough PU coated polyester shell with a warm fleece inner.

Reversible design which has pockets on either side.

Available in yellow or orange.

EN471 Class 2.



POLO SHIRT

Polycotton hivis polo shirt.

Available in yellow or orange.

EN471 Class 2.



FLEECE

Warm high quality lightweight fleece shell.

Elasticated cuffs and two zipped pockets.

Elasticated draw string hem for precise adjustment.

EN471 Class 3 approval.



Ref	Description	Sizes	Pack	Case
HV008F	Bodywarmer, YELLOW or ORANGE , EN471	S -XXXL	1	20
P230-HV	Polo Shirt, YELLOW or ORANGE , EN471	S -XXXL	1	25
HVK08	Fleece Jacket, YELLOW High Visibility, EN471	S -XXXL	1	10

BODYWARMER

Warm lightweight lining with elasticated arm closures help retain heat.

Twin phone style pockets and two secure zipped pockets.

Heavy duty zip with storm flap and hand warmer pockets.



Ref	Description	Sizes	Pack	Case
BW3201	Bodywarmer, Navy Blue, Deluxe.	S - XXXL	1	20

NYLON RAINSUITS

Tough yet very lightweight nylon with a flexible waterproof PVC coating.

Zip front jacket with studded storm flap and concealed drawstring hood.

Adjustable cuffs and trouser bottoms.

Supplied in a convenient zipped storage pouch.

Available in navy blue or bright yellow.

Jackets and Trousers sold separately



Available colours	
NAVY	YELLOW

Ref	Description	Sizes	Pack	Case
WSNJ/Colour	Nylon JACKET	S - XXXL	1	20
WSNT/Colour	Nylon TROUSERS	S - XXXL	1	20

THERMAL UNDERWEAR

Warm acrylic thermal underwear available in blue or grey.

Vests are available in long or short sleeved versions.

Snug fitting and light weight for very cold conditions.



Ref	Description	Colour	Sizes	Pack	Case
TV-SS	Thermal vest (short sleeved)	Blue, Grey	S - XXXL	1	20
TV-LS	Thermal vest (long sleeved)	Blue, Grey	S - XXXL	1	20
TLJ	Thermal long john	Blue, Grey	S - XXXL	1	20

WORKWEAR - General Clothing



POLO SHIRTS

High quality 230 gram fabric.
Easy care polycotton blend.
Choice of colours.

Available colours

NAVY	ROYAL	BOTTLE	BLACK	RED	WHITE

Ref	Description	Sizes	Pack	Case
P230	Polo Shirts, 230 g	S -XXXL	1	50



SWEATSHIRTS

Premium 300 gram fabric.
Easy care polycotton blend.
Choice of colours.

Available colours

NAVY	ROYAL	BOTTLE	BLACK	RED

Ref	Description	Sizes	Pack	Case
SS300	Sweatshirt, 300 g	S -XXXL	1	30



FLEECES

High quality 350 gram fabric.
Two secure zipped pockets.
Elasticated cuffs and hem.

Available colours

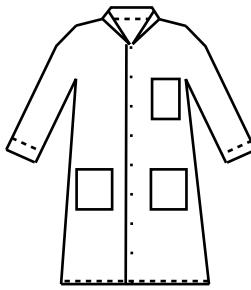
NAVY	ROYAL	BOTTLE	BLACK

Ref	Description	Sizes	Pack	Case
FL350	Fleece 350 g	S -XXXL	1	20

STANDARD WAREHOUSE COAT

Traditional style and cut in a hardwearing 230 gram polycotton fabric.

Stud fastening front with two patch and one breast pocket.



Available colours		
NAVY	ROYAL	WHITE

Ref	Description	Sizes	Pack	Case
C21	Warehouse Coats	36 - 54	1	20

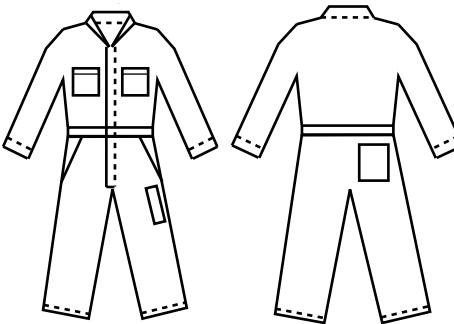
STANDARD BOILERSUIT

Traditional style and cut in a hardwearing 230 gram polycotton fabric.

Stud fastening front and breast pockets with elasticated back for a more tailored fit.

Side rule and back patch pocket.

Available in standard or tall leg lengths.



Available colours	
NAVY	ROYAL

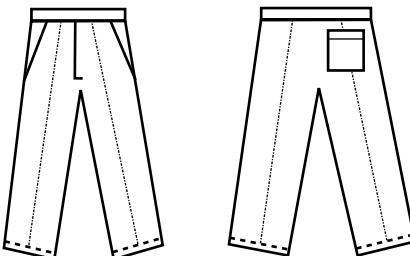
Ref	Description	Sizes	Pack	Case
BS21	Boilersuit (tall or regular)	38 - 56	1	20

STANDARD TROUSERS

Traditional style and cut in a hardwearing 240 gram polycotton fabric.

Sewn in crease with hook and bar fastening.

Available in standard or tall leg lengths.



Available colours		
NAVY	ROYAL	BLACK

Ref	Description	Sizes	Pack	Case
TR21	Trousers (tall or regular)	28 - 48	1	30

WORKWEAR - Premium Range



Sold Separately

CARGO TROUSERS

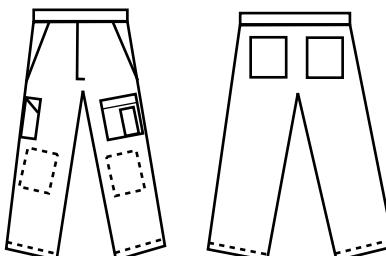
The latest addition to our range incorporating the best features from our superceded TR32, TR33 and TR35 ranges.

These trousers have a concealed inner knee pad pocket and **elasticated waist**.

The range of pockets include a large thigh bellows pocket with hook and loop closure and useful tool pockets on the opposite leg.

Available in standard or tall leg lengths.

Foam knee pad inserts are also available to purchase separately.



Available colours		
NAVY	ROYAL	BLACK

Ref	Description	Sizes	Pack	Case
TR34	Cargo Trousers, elasticated (tall or regular)	30 - 46	1	20



Sold Separately

ULTIMATE CARGO TROUSERS

Premium multi-function trousers with a vast range of pockets.

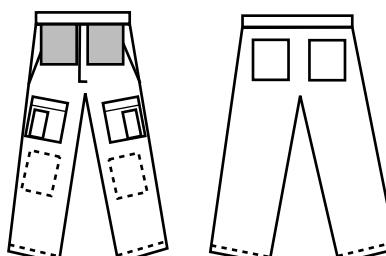
Concealed inner **knee pad pockets** behind Cordura® reinforced knees.

All seams are triple sewn for strength and durability.

Attractive contemporary colour options and reinforced Cordura® swing pockets.

Available in standard or tall leg lengths.

Foam knee pad inserts are also available to purchase separately.



Available colours		
GREY	NAVY	BLACK

Ref	Description	Sizes	Pack	Case
TR37	ULTIMATE Cargo Trousers, (tall or regular)	30 - 46	1	10

WORKWEAR - Limited Life (Type 5 & 6)

DB10 COVERALL (TYPE 5 & 6)

Economic protection against airborne particles and fibres.

Limited protection against splashes of LOW RISK chemicals. (see User Information Sheet for full details).

Zip front with adhesive backed cover flap.

Elasticated hood, cuffs and ankle closures to limit dust ingress.

Conforms to CE Category III, types 5 & 6



EN 13034 EN 13982-1

Ref	Description	Sizes	Colours	Pack	Case
DB-10 BASE	DB-10 Base Limited Use Coverall	M - 3XL	White	1	50

DB20 COVERALL (TYPE 5 & 6)

Economic protection against airborne particles and fibres.

Limited protection against splashes of LOW RISK chemicals. (see User Information Sheet for full details).

Anti-static treatment to EN 1149-5. (see User Information Sheet for full details).

Zip front with adhesive backed cover flap.

Elasticated hood, cuffs and ankle closures to limit dust ingress.

Conforms to CE Category III, types 5 & 6



EN 1149-5 EN 13034 EN 13982-1

Ref	Description	Sizes	Colours	Pack	Case
DB-20 LIGHT	DB-20 LIGHT Limited Use AntiStatic Coverall	M - 3XL	White	1	50

DB30 COVERALL (TYPE 5 & 6)

Laminated liquid resistant fabric.

Offers protection within specific limits against harmful chemicals and agents (see User Information Sheet for full details).

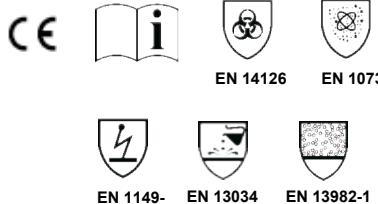
Anti-static treatment to EN 1149-5

Offers protective barrier to radioactive particles (to EN 1073-2, class 1) and bacteriophage (to EN 14126).

Zip front with adhesive backed cover flap for maximum security.

Elasticated hood, cuffs and ankle closures to limit dust ingress.

Conforms to CE Category III, types 5 & 6



EN 14126 EN 1073



EN 1149-5 EN 13034 EN 13982-1

Ref	Description	Sizes	Colours	Pack	Case
DB-30 PLUS	DB-30 PLUS Limited Use Coverall	M - 3XL	White	1	50

WORKWEAR - Limited Life (Minimal Risk)



Minimal Risks

POLYPROPYLENE COVERALL

Lightweight polypropylene zip front coverall with elasticated hood.

Designed for single use, only for protection from non hazardous dusts.

Available in WHITE or BLUE.

POLYPROPYLENE COAT

Lightweight polypropylene warehouse coat with stud front.

Designed for single use only for protection from non hazardous dusts.

Available in WHITE only.

Ref	Description	Colour	Sizes	Pack	Case
DBS-colour	Single use Polypropylene Coverall	White or Blue	M - XXL	1	50
DCW	Single use Polypropylene Coat	White	M - XXL	1	50

A range of other single use protection is also available



PE SHOE COVER

A lightweight polyethylene shoe cover, available in BLUE only.



PVC SLEEVES

A lightweight elasticated sleeve, approximately 14 inches long



PP MOB CAP

Polypropylene mob cap, single size, available in WHITE, BLUE or RED.



PP SLEEVES

Elasticated polypropylene sleeves, approximately 16 inches long, available in WHITE only.



POLYTHENE APRONS

Disposable aprons approximately 27 inches wide by 42 inches long, Available in BLUE or WHITE and in packs of 100 or rolls of 200.



GLOVES

An extensive range of **VINYL, LATEX & NITRILE** disposable gloves are available on pages 55-56.

All the products on this page are  Minimal Risks

Ref	Description	Colour	Sizes	Pack	Case
DSC	Single use disposable Shoe Cover	Blue	One Size	100	1000
SL-PP1	Single use Polypropylene Sleeves	White	16 inch	10	200
SL-PVC1	Single use PVC Sleeves	Natural	14 inch	12	144
AP-05-100 W	Flat Pack of 100 disposable aprons	White	27 x 42	100	1000
AP-05-100 B	Flat Pack of 100 disposable aprons	Blue	27 x 42	100	1000
AP-05-200 W	Roll of 200 disposable aprons	White	27 x 42	200	1000
AP-05-200 B	Roll of 200 disposable aprons	Blue	27 x 42	200	1000
MOB-colour	Single use MOB Caps	White, Blue, Red	One Size	100	1000

Work at Height - basic guide

The Work at Height Regulations 2005 consolidate previous legislation on working at height and implement European Council Directive 2001/45/EC concerning minimum safety and health requirements for the use of equipment for work at height (the Temporary Work at Height Directive).

‘Work’ includes moving around at a place of work (except by a staircase in a permanent workplace) but not travel to or from a place of work. For instance, a sales assistant on a stepladder would be working at height. A place is ‘at height’ if (unless these Regulations are followed) a person could be injured falling from it, even if it is at or below ground level. **As an employer you must do all that is reasonably practicable to prevent anyone falling.**

The Regulations set out a simple hierarchy for managing and selecting equipment for work at height.

- Avoid work at height wherever possible.
- Use work equipment or other measures to prevent falls where working at height is unavoidable.
- Where the risk of a fall cannot be eliminated, use equipment or other measures to minimise the distance and consequences of a fall should one occur.

Work at Height -The Dutyholders responsibilities include

- All work at height is properly planned and organised; all work at height takes account of weather conditions that could endanger health and safety;
- Those involved in work at height are trained and competent;
- The place where work at height is done is safe;
- Equipment for work at height is appropriately inspected;
- The risks from fragile surfaces are properly controlled;
- The risks from falling objects are properly controlled;
- Ensure that no work is done at height if it is safe and reasonably practicable to do it other than at height;
- Ensure that the work is properly planned, appropriately supervised, and carried out in as safe a way as is reasonably practicable;
- **Plan for emergencies and rescue.**

Work at Height - Common applicable standards

EN 358	Personal protective equipment for work positioning and prevention of falls from a height. Belts for work positioning and restraint and work positioning lanyards EN 361
EN 362	Personal protective equipment against falls from a height. Connectors
EN 353-2	Personal protective equipment against falls from a height. Specification for guided type fall arresters on a flexible anchorage line
EN 355	Personal protective equipment against falls from a height. Energy absorbers
EN 813	Personal protective equipment for prevention of falls from a height. Sit harnesses

Work at Height - Some points to consider when choosing equipment

Minimum Safe Height. While it may appear counter intuitive fall prevention equipment usually requires a minimum distance to deploy safely, for example slack in lanyards or expansion of a shock absorber can mean the wearer may fall some distance before being restrained. This distance can be **several metres** in certain cases and alternative protection may be needed at lower heights.

Minimum Safe Area. After falling and been restrained the user may move horizontally and come into contact with fixed objects as any swinging stabilises. A clear area must be available below the user to facilitate any oscillation.

WORK AT HEIGHT- Harnesses



21-C ATEX HARNESS

Technical harness for a range of applications.

Quick release buckles and 2 side holders.

Constructed from 47 mm wide polyester webbing.

Adjustable leg and chest straps.

Two front anchoring points and dorsal attachment ring..

EN361 approval.

ATEX approval for use in explosive atmospheres.

Ideal for scaffolding use with MOD-34A lanyard (sold separately)



Code	Style	Pack
HARNESS 21-C	Technical harness	1
MOD34-A	Twin tailed energy absorber lanyard with 2 scaffold hooks and carabiner	1



30-C STANDARD HARNESS

Standard harness with 2 anchoring points.

Constructed from 45 mm wide polyester webbing.

Dual attachment with metal dorsal ring and front webbing loops.

EN361 approval.

A fully functional economy harness for basic fall protection at minimum cost.



Code	Style	Pack
HARNESS 30-C	Standard harness	1
HARNESS 30-C Set	Standard harness c/w Lanyard and 2 carabiners	1

WORK AT HEIGHT- Harnesses & Belts

48-C HARNESS

Premium harness with **THREE** attachment points allowing maximum flexibility especially when used for prolonged suspension.

Constructed from 47 mm wide polyester webbing.

Chest, dorsal or lateral attachment points allow harness to be used as for positioning (as well as for fall protection).

EN 361: 2002 and EN 358: 1999 approval.



24C-AT BELT

Positioning belt with 2 lateral D ring attachment points.

Comfortable 190 mm wide back support.

NOT designed to protect against falls.

EN358 approval.

Twin loops for tool attachment.

Suitable for use with CU 30/1 (requires 2 carabiners) or CU31/1 rope lanyards.

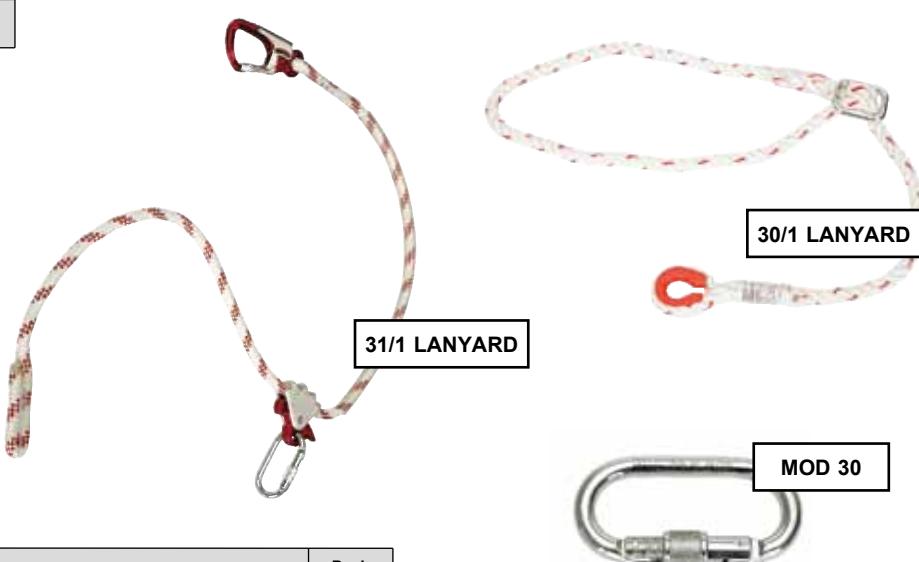


Code	Style	Pack
BELT 24-C	Positioning belt	1

POSITIONING ACCESSORIES

The CU 30/1 is a simple positioning lanyard that requires 2 carabiners for attachment.

The CU31/1 rope lanyards are designed for easy adjustment and are supplied with snap hook and carabiner.



Code	Style	Pack
LANYARD CU30-1	Adjustable rope lanyard (requires 2 carabiners)	1
LANYARD CU31-1	Adjustable rope lanyard, deluxe, including attachments	1
MOD 30	Carabiner with spring loaded closure and locking barrel. EN362	1

WORK AT HEIGHT- Fall Arresters



MOD 2.5 FALL ARRESTER (RIGHT)

Retractable fall arrest device device.

2.5 metre maximum extension..

In the event of a fall the unit gradually locks, smoothly halting the descent with a force of less than 6 kN.

Built in energy absorber to reduce fall loads.

Supplied complete with 2 MOD 30 carabiners.

Ideal for use with a horizontal lifeline.

EN360 approval.

MOD HB-10 FALL ARRESTER (LEFT)

Fall arrest device with an automatic inertia braking system.

10 metre stainless steel 4 mm cable for maximum mobility.

Supplied with swivel snap hook and a locking carabiner.

EN360 approval.

Code	Style	Pack
ARRESTER MOD2.5	Fall arrester, MOD 2.5, webbing with shock absorber	1
ARRESTER MODHB-10	Fall arrester, MOD 10, steel cable	1

ADA-14 GUIDED FALL ARRESTER (RIGHT)

Designed for use on vertical 14 mm anchoring line.

Safety lock and system to prevent incorrect placement of the rope.

Allows user to move vertically without having to relocate the arrester manually.

Unit locks onto to anchor line automatically in the event of a fall.

Use ADA14-LINE sold separately.

EN353-2 approval.



OTTO GUIDED FALL ARRESTER (LEFT)

Designed to be used with 11 mm or 12 mm anchor line ONLY.

The device moves up or down the anchor line freely and locks in the event of a sudden downward movement.

Suitable for protecting a single person from falls.

Use OTTO-LINE sold separately.

EN353-2 approval.

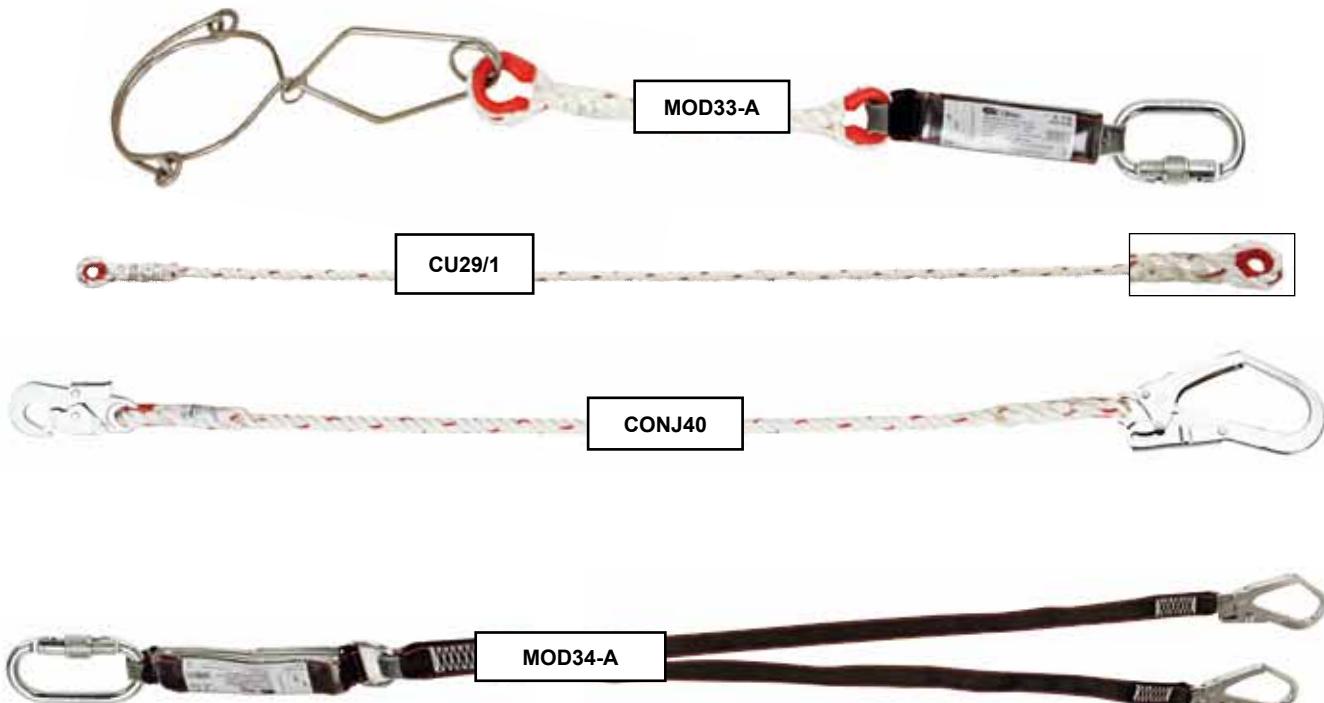
Code	Style	Pack
ARRESTER ADA-14	Guided fall arrester , 14 mm rope ONLY	1
ARRESTER OTTO	Guided fall arrester , 11 mm or 12 mm rope ONLY	1

WORK AT HEIGHT- Lanyards & Helmets

LANYARDS

We offer a range of lanyards for use with our harnesses, with or without shock absorbers and with a variety of fastening options.

For more details see table below.



Code	Style	Length	Standard	Pack
MOD33-A	Energy absorber lanyard c/w pipeform anchor and carabiner	1.75 M	EN354	1
CU29/1	Basic polyamide 3 strand rope lanyard	1.8 M	EN354	1
CONJ 40	Polyamide lanyard with scaffold hook (31) and snap hook carabiner (32)	1.5 M	EN354, EN358	1
MOD 34-A	Twin tailed energy absorber lanyard with 2 scaffold hooks (31) and carabiner (30)	1.75 M	EN354	1

CADI SAFETY HELMET

Safety helmet designed specifically for work at height and rescue.

Made of ABS with high-quality ultraviolet stabilization. Shock absorption achieved through deformation of the outer shell.

Four-point webbing chin strap. Head band made of polyethylene foam covered with polyester, for greater user comfort.

Harness adjustable with a toothed wheel.

The "Y" chin strap is adjustable with slide buckles to ensure optimum fit and comfort.

The chin strap attachment points resist a pulling force above 150 N and yield to a force of 250 N.

Available in orange. (other colours available to order)



Code	Style	Pack
CADI HELMET	CADI helmet, ABS construction, designed for work at height and rescue.	1

WORK AT HEIGHT- Lifelines and Accessories



HORIZONTAL LIFELINE

Maximum length 20 metres. Maximum 2 persons at the same time.

35 mm wide webbing fitted with 2 rotating end connectors.

Supplied complete with PVC storage bag.



SEMI-STATIC 11 MM DIAMETER LIFELINE

11 mm diameter polyamide lifeline supplied with terminal anchors.

Suitable for use with OTTO FALL ARRESTER.

10 metres long.



TWISTED 14 MM DIAMETER LIFELINE

14 mm twisted polyamide rope

Suitable for use with ADA14 FALL ARRESTER.

Available in 10 or 20 metre lengths.

Code	Style	Pack
HORIZONTAL LINE 35X20	Horizontal lifeline, 35 mm webbing, 20 metres long	1
OTTO LINE	Vertical lifeline for OTTO arrester, 11 mm diameter, 10 metres long	1
ADA-14 LINE 10M/20M	Vertical lifeline for ADA-14 arrester, 14mm diameter, 10 or 20 metres long	1



CAR-RING



MOD-30



32-A ENERGY ABSORBER

MOD-49



MOD-KH/ALU

Code	Style	Pack
AR-RING-1.0	Anchoring ring, polyamide. 1.0 metres long	1
AR-RING-2.0	Anchoring ring, polyamide. 2.0 metres long	1
CAR-RING	Column anchoring line (for use with horizontal lifeline)	1
MOD-30 CARABINER	Carabiner with spring loaded closure and locking barrel. EN362	1
MOD-KH/ALU CARABINER	Carabiner, ALUMINIUM, assymetric with twist lock system. 27 mm gate. EN362	1
32-A ENERGY ABSORBER	Energy absorber, 35 cm. EN355	1
MOD-49 SCAFFOLD CLIP	Scaffold connecter, 60 mm opening, EN 362:2004	1

Hand & Arm Protection Index

Code	Type	Cut Level	Page	Code	Type	Cut Level	Page
A 930	Nitrile	1	53	NG6	Plain	2	40
Acegrip	Latex	1	34	NITRA	Nitrile	0	52
Acegrip-LITE	Latex	1	33	Nitrilon 925	Nitrile Foam	1	30
ACETHERM	Latex	2	58	Nitrilon Flex	PVC Foam	1	28
ACETHERM MAX-5	Latex	5	57	Nitrilon Max	Nitrile Foam	1	26
ACETHERM-F	Latex	2	58	Nitrilon Max-1D	Nitrile Foam	1	27
ACETHERM-HV	Latex	2	59	Nitrilon Max-80	Nitrile Foam	1	27
Adept	NFT™	1	29	NL15	Nitrile	0	52
ALASKA	PVC	1	63	NLF13 Low Lint	Plain	1	40
Ardant 3	NFT	3	18	NLN Low Lint	PVC Dotted	1	37
Ardant-5	NFT™	5	6	NP Nylon profile	Plain	0	47
Armalite	Nitrile	1	35	P B7D	Nitrile	0	52
Armanite	Nitrile	2	35	PB7FL	PVC Dotted	1	61
Armasafe A827K	Nitrile	4	19	PCN	Plain	0	62
ATG	Varies	1-5	71	PCN-Antistatic	PU	1	31
AV-FGG Fingerless Padded	Leather	0	23/43	PCN-LITE	PU	1	32
B A10D	PVC Dotted	0	62	PCN	Leather	5	13
BA13	Plain	0	62	PressKing	Plain	5	12
C D8M	Plain	0	47	ProCut Steel 10	PVC	1	48
CDPDM	PVC Dotted	0	47	R 125	PVC	1	49
CGM Cross Grip	PVC Web	1	36	R227,35,40,45	PVC	1	50
D G2V	Vinyl	0	55	R265E	PVC	1	64
DGL	Latex	0	55	R430	PVC	1	50/64
DGN	Nitrile	0	56	R530	PVC	1	49
DGS	Vinyl	0	55	RH2245,	PVC	1	49
DGVN	Nitrile	0	56	RH2258	PVC	1	49
E koGrip	Latex	1	33	RNF-20	Nitrile	0	53
EKOTHERM	Latex	1	59	S TKW	Plain	0	46
F G1	Leather	1	63	STMD	Plain	0	47
G LUD Drivers	Leather	0-1	42	STOCBL	PVC Dotted	0	38
H OTGRIP	Terry/Nitrile	2	67	STP13	Plain	0	46
I CETHERM	Polymer	2	60	STP13	Plain	0	38
ICETHERM -BK	PVC foam	2	60	T C32	Terry	0	68
ICETHERM XTREME	Latex	5	57	TCC24S	Terry	2	68
K evlar Dotted	Kevlar/PVC	3-4	20	TCG	Terry	2	67
Kevlar Plain	Kevlar	2-4	21	TCG Sleeves	Terry	2	73
Kevlar Sleeves	Kevlar	3	22/72	TCS48	Terry	3	66
KK-Sumo	Latex	4	19	TCSL Sleeves	Terry	2	66
KK400	Kevlar	5	65	TS1	Plain/Dotted	1/0	61
KM Mechanics	Plain	1	41	U CCM	Leather	0	45
Kutlass	Plain	5	15	UDGP Drivers	Leather	1	42
Kutlass 5 Sleeves	Plain	5	14/72	UDPR	Leather	1	44
Kutlass Blade	Plain	5	12	UFHB	Leather	0	45
Kutlass Blue	Plain	5	15	UFHR	Leather	0	45
Kutlass NF-500 Green	Nitrile Foam	5	8	ULBK36	Rubber	1	51
Kutlass NF-800	Nitrile Foam	5	7	USCCFKL	Leather	1	44
Kutlass NF3	Nitrile Foam	3	18	USCCR	Leather	1	45
Kutlass NFX-50Y	Nitrile Foam	5	7	USHR	Leather	1	43
Kutlass NFX-500	Nitrile Foam	5	9	USTRA	Leather	0	45
Kutlass Plus	Plain	5	15	USUR	Leather	1	44
Kutlass PU-500	PU	5	10	USUR-T	Leather	1	43
Kutlass PU-500 Green	PU	5	8	V 325	PVC	1	48
Kutlass PU300	PU	3	17	V327,35,40	PVC	1	50
Kutlass PU300 Orange	PU	3	16	Vibration VBX	Latex Foam	2	23
Kutlass PU300-12 Orange	PU	3	16	VLX	Latex	1	54
Kutlass PUX-500Y	PU	5	10	W GB	Leather	1/2	69
Kutlass Trigrip	PU	3	17	WGG	Leather	1	69
L G-300	Latex	1	54	WGR	Leather	1	69
LGB	Latex	1	33	WGTIG	Leather	1	70
LHD27	Rubber	1	51	X 5 Glove	Plain	5	12
LHP-300	Latex	1	54	X5 Sleeves	Plain	5	14/72
M F Mixed Fibre	Plain	0-1	36	X5 Sumo	Latex	5	11
N AC7	PVC Dotted	2	39	X5-K9	Leather	5	13
NC10D	PVC Dotted	1	39	XHR	Leather	1	70
NCN (Nitrilon)	Nitrile	1	24				
NCN-F	Nitrile Foam	1	28				
NCN-FC	Nitrile	1	24				
NCN-FC77K	Nitrile Foam	1	25				
NE0-400	Neoprene	1	51				

A brief explanation of the icons used on the glove pages is available overleaf on the last page of this catalogue.

General PPE Index

Type	Section	Details	Page	Type	Section	Details	Page	
Aprons	Cotton	AP/LE/BS	73	Hearing AO	Ear Bands	Model 200	101	
	Leather	AP/LE	73		Earplugs	Classics etc.	101	
Eyewear UCi	Cords	Spectacle cords	93	Hearing Moldex	Earplugs	Including dispensers	102	
	Glasses	ARAFURA	76	Hearing Peltor	Earmuffs	Optime Series	98	
		BANDA	76			Push to Listen	98	
		BEAUFORT	76	Hearing Scott	Earmuffs	Scott Zone 1,2,3	97	
		JAVA	77	Hearing UCi	Ear Band	UC-EB01B	100	
		JAVA SPORT	77			UC-EP06P	100	
		KORO	77			UC-EP07B	100	
		MOLUCCA	78		Earmuffs	UC-EP09P	100	
		SOLOMON	78			EM1 Retail	95	
		SULU A/F	78			EM20 Folding (Retail)	95	
		TASMAN	79			EM30 Premium (Retail)	96	
		TIMOR	79			EMH5 Helmet mount	96	
		VISITOR	79			EP103 Standard	95	
	Goggles	SG10	81			EP106 Deluxe	95	
		SG204	80		Earplugs	EP107 Folding	96	
		SG231	80			UC-D500	99	
		SG271	81			UC-EP03BLK	99	
		WG235	80			UC-EPO3	99	
	Visors	H85A Browguard only	92			UC-EPO3C	99	
		H86 Helmet Mount	92			UC-EPO4CD	99	
		H867 Earmuff Mount	92			UC-EPO4	100	
		H870 Browguard only	92			UC-EPO4T	100	
		VCA85 Visor PC	92					
		VM85M Visor Mesh	92					
Eyewear Bollé	Accessories	Goggle cases	93	Respiratory 3M	FFP Mask	Limited Life	107	
		Spectacle cases	93			Maintenance Free	107	
		Spectacle cleaning	93			Limited Life	106	
		Spectacle cords	93			Filters	108	
	Glasses	AXIS	82			Full Mask	108	
		BANDIDO	82			Half Mask	108	
		COBRA	83			Respiratory Scott	109	
		CONTOUR	83			Filters	109	
		CONTOUR METAL	84			Full mask	109	
		GALAXY	84			Half mask	109	
		GROOVE	84			Powered	110	
		MAMBA	85			Powered	111	
		RUSH	85			Respiratory UCi	104	
		SILIUM	86			FFP Mask	104	
Eyewear Bollé	Goggles	SLAM	86			UC-P1 Cup Mask	104	
		SOLIS	86			UC-P1V Cup Mask	104	
		SPIDER	87			UC-P2 Cup Mask	104	
		SQUALE	87			UC-P2V Cup Mask	104	
		TRACKER II	88			UC-P3V Cup Mask	104	
		UNIVERSAL	88			UCF-P1 Fold Flat	105	
		VIPER	89			UCF-P1V Fold Flat	105	
		VOODOO	89			UCF-P2 Fold Flat	105	
		ATOM	90			UCF-P2V Fold Flat	105	
		BLAST	91			UCF-P2VC Fold Flat	105	
Footwear UCi	Visor	PILOT, spares	90			UCF-P3V Fold Flat	105	
		X90, clear lens,	90	Work at Height	Harnesses	ATEX Certified Harness	137	
		BL20 Visor	91			Carabiners & Accessories	141	
		SPHERE	91			Fall Arresters	139	
		BB1 Boots	120			Lanyards	140	
		BD1 Dealer Boots	121			Life Lines	141	
		BR1 Rigger Boots	121			Positioning Belt	138	
		BR2/S3 Rigger Boots	121			Positioning Lanyards	138	
		BS1 Shoes	120			Premium Harness	138	
		BT1 Trainers	120			Standard Harness	137	
Footwear UCi	Wellingtons	B2 Deluxe boot	123	Helmets	Helmets	Premium Safety helmet	140	
		B3NMT Non Metallic	123			Boilersuits	132	
		BH348/9 Hiker Boot	125			Trousers	132	
		RF01 Flint Boot	123			Warehouse Coats	132	
		RF11 Cliff Boot	125			Clothing	131	
		RF19 Carbon Boot	125			Polo Shirts	131	
		M163 Brogue Shoe	122			Sweat Shirts	131	
		S3 Deluxe Shoe	122			HiVis	129	
		SNMT2 Non Metal Shoe	122			Bodywarmer, HiVis	129	
		RF13 Slatte Trainer	124			Bomber, HiVis	128	
Headwear SCOTT	Wellingtons	RF22 Pebble Trainer	124			Coat, HiVis	127	
		ST380 Sports Trainer	124			Fleece, HiVis	129	
		WEL/RIG Rigger Style	126			Polo Shirt, HiVis	129	
		WEL/SS Wellington	126			Trousers, HiVis	127	
		WEL/WHS4 Wellington	126			Waistcoats, HiVis	128	
		Bump Caps	First base, HC Series	118	Limited Life	Aprons	135	
		Helmets	HP300, 600 Series	117			Coveralls, Polypropylene	135
		Bump Caps	HPBC Series Baseball	116			DB Type 5,6 Coveralls	134
		Helmets	Earmuff	114			Mob Caps	135
			Forestry	115			Shoe Covers	135
			HP Series	113			Sleeves	135
			HPV Vented Series	113			Bodywarmer	130
			Tirreno Specialist	115			Rain Suits	130
			Visors	114			Thermal Underwear	130
				Premium		133		
				Cargo Trousers		133		
				Ultimate Cargo Trousers		133		

Additional Information

Key to Glove Application Icons

	Application
	Agriculture / Horticulture
	Automotive / Mechanics
	Building and Construction
	Chemical Handling
	Cold Conditions
	Cut Protection
	Delicate Assembly
	Electronics
	Engineering
	Fishing and Marine
	Food Processing
	General Heat Protection
	General Low Risk Handling
	Glass Handling
	Janitorial
	Logistics and Warehousing
	Manufacturing / Metal fabrication

Key to Footwear Application Icons

	200 Joule toe cap
	Oil resistant outsole
	Anti-static properties
	Energy absorbing heel area
	Pierce resistant midsole
	Water resistant uppers, NOT waterproof
	Waterproof uppers
	Temperature resistant outsole, 180 indicates the maximum temperature
	Extra wide fitting

	Slip Resistant (Tile). See EN ISO 13287
	Slip Resistant (Steel). See EN ISO 13287
	Slip Resistant (Tile & Steel). See EN ISO 13287

Footwear Sizing Guide												
UK	2	3	4	5	6	7	8	9	10	11	12	13
EU	35	36	37	38	39	41	42	43	44	46	47	48



Other brands are available

Product Information and Conditions of Sale.

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