



P E R S O N A L  
P R O T E C T I V E  
E Q U I P M E N T  
**GUIDE 2019**

**CONTENTS**

PPE Kit	3
Head Protection	4-7
Eye Protection	8-13
Ear Protection	14-21
Respiratory Protection	22-26
Hand Protection	27-33
High Visibility Clothing	34-35
Waterproof Jackets, Trousers & Coveralls	36-38
Disposable	39
Clothing & Coveralls	40
Knee Pads	41
Foot Protection	42-53
Special Hazard PPE	54-56
PPE Kits & Holdalls	57
Fall Arrest & Prevention	58-60
Discipline Specific - Grounds & Maintenance	61-65
Discipline Specific - Crime Scene Cleaning	66-71
Returned Goods Policy	72-73

## PPE Kit



### PPE Kit

This kit contains:

- Saturn Yellow High Visibility Vest
- Premium Vented Safety Helmet
- Clear Yale Spectacles
- Stockinette Knitwrist
- Yellow Folding Ear Defender
- White P3 Valved Mask
- Snow & Ice Grips Size 7-10
- Black Composite Filament Fibre Level 5 Cut-Resistant Knit Glove with Foam Nitrile Palms Large
- Grey PU Coated Gloves Large
- Safety Bump Cap

Holdall available in the following colours:



**Where You See This Image The Item Is Included In The PPE Kit**



## TECHNICAL INFORMATION - HEAD PROTECTION

### EN Standards and Markings

EN397 specifies physical and performance requirements of industrial safety helmets. Certain tests are mandatory if the product is to receive EN 397 approval. These cover:

- Shock absorption
- Resistance to penetration
- Flame resistance
- Chinstrap anchorage

A manufacturer can choose to submit his products to additional optional tests. Such tests could lead to one or more of these markings appearing on a helmet.

-20° / -30°C - The helmet will provide some protection when worn in an environment at or above this temperature.

440V a.c. - The helmet will protect against short term, accidental contact with live electrical conductors up to this voltage.

LD - The helmet will provide some protection from lateral compressive loads.

MM - Molten Metal splash test.

## TECHNICAL INFORMATION - HEAD PROTECTION

### Head protection selection

#### Identifying Hazards

A safety helmet is required where there is a risk of being injured by falling objects. Bump caps are not a substitute for safety helmets and must not be used to protect the head from falling objects.

#### Identifying materials

Shells are primarily made using UV stabilised high density polyethylene (HDPE) or ABS (Acrylonitrile Butadiene Styrene). Harnesses are made using low density polyethylene or terylene webbing.

#### Shelf Life

To comply with European Standards, all helmets are marked with the quarter or month and year of manufacturer. If helmets are stored in boxes in which they were supplied and do not experience environmental extremes, the shelf life of a helmet is not limited. However, it is not recommended that a helmet should be in use 5 years after date of manufacture.

#### Accessories

Some helmets have sweatbands / a chinstrap, or both already fitted. Either can be purchased separately. Safety helmets can be fitted with hearing protection through clip on ear defenders.

#### Care and Maintenance

A helmet may be cleaned with soap and water, drying with a soft cloth. A helmet should not be cleaned with abrasive substances or solvents and must not be stored in direct sunlight or in contact with chemicals. The wearer should inspect a helmet regularly. Any helmet showing more than superficial abrasions or scuffing to the shell should be replaced.



1100116

**1100116**

**White Vented Safety Helmet**

Modern Stylish Design. ABS Shell. Vents to crown. Lightweight. Plastic harness c/w sweatband. Slots for attachments.

**Standard: EN397.**

Also available in the following colours:



1100119

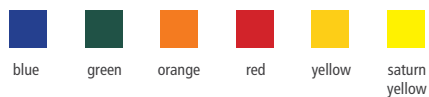
**1100119**

**White Premium Vented Safety Helmet**

Modern Stylish Design. ABS Shell. Vents to crown. Lightweight. 6 point webbing harness. Slip-ratchet headband adjustment. Slots for attachments. Complete with terry towelling sweatband.

**Standard: EN397.**

Also available in the following colours:





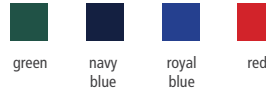
**1100118**

**Black Safety Bump Cap**

100% cotton baseball cap with ventilation holes. Fitted over a plastic shell providing lightweight head protection.

**Standard: EN812 - 2012**

Also available in the following colours:



**1102023**

**Green First Base Safety Bump Cap**

The Protector® FirstBase 3 is approved in accordance with EN812 including A1.

**Standard: EN812 including A1.**

Also available in the following colours:



**1102023**

**Black Beanie Safety Bump Cap**

Elasticated knitted acrylic beanie cap. Flexible ABS protective shell guards against bumps and lacerations to the head. Fleece lined inner. High performance sweatband absorbs and wicks moisture away. Short peak (50mm) design enhances upwards vision. Sides can cover the ear for warmth or can be folded up for ventilation. Provides a universal fit to a wide range of head sizes (52-65cm).

**Standard: CE Marked to EN812:1998 A1. EN812 :A1, including -30 o C. EN812:1998 A1. GOST - ROCTP 12.4.245-2007**

Also available in the following colour:



## TECHNICAL INFORMATION - EYE PROTECTION

### Type of Protection

1. **GOGGLES** - Can provide protection for all types of hazards. May be worn over spectacles.
2. **SPECTACLES** - Comfortable and available in a variety of styles. Will not keep out dust, gas or molten metal.

### Choosing Safety Eyewear

To help choose safety eyewear best suited to your needs the following information may be useful. Whilst every effort should be made to remove hazards as the result of a Workplace Risk Assessment, if Safety Eyewear is necessary as a last resort, the following selection criteria should be considered:

- Type of Hazard
- Type of Protection
- Type of Lens

### Type of Protection

Both employee and employer have a responsibility to keep all eye protection in good order. User instructions are provided and give cleaning and maintenance information. We provide a full range of products to help keep eyewear in optimum condition.

### Type of Lens

1. **Clear:**  
Suitable for general use
2. **Anti-Glare:**  
Suitable for use in high glare situations such as finished concrete slabs in bright sun light.
3. **Yellow:**  
Suitable for those moving from light to dark environments.

### Type of Hazard

Hazards fall into 4 main categories:

1. **Mechanical** - Flying Debris, Dust or Molten Metal.
2. **Chemical** - Fumes, Gases or Liquid Splash
3. **Radiation** - Heat (Infrared), Ultraviolet light or Glare.
4. **Laser Light** - Over a wide spectrum of wavelengths from Ultraviolet to Infrared.





**1301136**

**1301136**

**Clear Yale Spectacles**

Ultra lightweight. Wrap around design. Contoured shape. Polycarbonate anti fog lens (PC lens). Soft nose bridge Non slip coloured rubber tips.

Standard: EN166 1.F



**1300115**

**1300115**

**Clear Colorado Safety Spectacles**

Wrap around single lens. Scratch resistant. Nylon frame. Anti-scratch and anti fog polycarbonate lens. Low impact and 99.9% UV protected. Adjustable side arms.

Standard: EN166 -1F



**1300117**

**1300117**

**Grey Colorado Safety Spectacles**

Wrap around single lens. Scratch resistant. Nylon frame. Anti-scratch and anti fog polycarbonate lens. Low impact and 99.9% UV protected Adjustable side arms.

Standard: EN166 -1F



**1300111**

**1300111**

**Clear Boston Spectacles**

Wraparound clear visitors spectacle. Polycarbonate lens. Ventilated side arms. Low impact and 99.9% UV protected Width 157mm.

Standard: EN166 and ANSI Z87.1



**1300152**

**1300152**

**Grey Contour Spectacles**

Bollé shaded lens safety spectacles.

Standard: EN 166. EN 172



**1300151**

**1300151**

**Clear Contour ESP PC Lens**

ESP, Extra Sensory Perception. An innovating coating to reduce dazzle and the harmful affects of blue light. ESP is a perfect coating for outdoor/indoor use.

Standard: EN 166. EN 172



1300149

**1300149****Clear Lens Wide Vision Goggles**

1mm Acetate anti fog lens. Wide vision anti scratch lens. Comfortable soft PVC frame. All round ventilation. Wide contoured face seal. Fits over spectacles. Comfortable wide head band.

**Standard: EN166 I.F.N**



1300146

**1300146****Clear Lens Universal Goggle**

Polycarbonate Anti-Scratch / Anti-Mist Lens. Ideal for wearing over spectacles. Complete Contoured Face Seal. Indirect Four Point Ventilation.

Size: One Size

**Standard: EN166 1.B.3.4.9**



1300105

**1300105****Blast Goggle Clear Polycarbonate Lens**

An exceptionally wide field of vision. Fits over prescription spectacles. Anti-scratch. Anti-fog. Fits with respiratory half mask. Ventilated. 113g.

**Standard: EN166, EN170.**

**1301160****1301160****Clear Ultravision Goggle**

Anatomical shape and soft material allow close, yet comfortable fit. Fits comfortably over most prescription spectacles. Nose bridge works well with respirators. Frosted top to reduce glare. High-quality, easily adjustable headband.

Lens does not distort view or cause headaches. Simple lens replacement reduces cost. Optical Class 1. Impact Resistance B (120m/s) according to EN166.

**Standard: EN166 class 1 (Optically correct lens)**

**1300122****1300122****Green Flip Front Welding Goggles**

Green soft PVC frame. Green polycarbonate lens shade 5. 4 indirect vents. Black ABS lens holder.

**Standard: EN175.**



1300101

**1300101**

**Head Gear**

Fully adjustable. Ratchet fastening. Soft nylon padded browguard.

To use with the Standard Face Visor 7.5" 1300124

**Standard: CE EN166. CE EN1731.**



1300124

**1300124**

**Standard Face Visor 7.5" - VISOR ONLY**

Transparent Visor 7.5" .

To be used in conjunction with the Head Gear 1300101.

**Standard: EN166**



1301176

**1301176**

**Head Gear 1300101 and Visor 1300124**

Head Gear and Visor.

**Standard: EN166**



**1100112**  
**Visor Carrier**

This Visor Carrier can be used with the B-Brand Safety Helmets. The IC900Z carrier is attached to the helmet by using the 25mm Fixing Posts 1100104.

Suitable for use in both light and heavy industrial applications and can also be used in high heat environments.

Lightweight design Durable Nylon construction.

To buy the visor carrier and fixing posts together use order code 1102086.

**Standard: EN166**



**1100114**  
**235mm Polycarbonate Visor**

This visor has been developed to provide maximum protection and simplicity for the user. Designed to give maximum protection, freedom of movement and comfort. Simple to attach and remove.

Use this visor with carrier 1100112 to fit the B-Brand Safety Helmets.

**Standard: EN166**



**1300171**  
**Clear 185mm Visor & Chinguard (requires carrier)**

Designed to give maximum protection, freedom of movement and comfort. Simple to attach and remove, integrated chin-guard.

Use this visor with carrier 1100112 to fit the B-Brand Safety Helmets.

**Standard: EN166**

1100112

1100114

1300171

## **TECHNICAL INFORMATION - EAR PROTECTION**

### **Levels of Protection Physical Agents (Noise) Directive - 2003/10/EC**

This Directive is now in place and became law in early 2006. It requires that persons working in noise levels between 80dBA (Lower Action Level) & 85dBA must be provided with suitable hearing protection on request. Where noise levels are at or above 85dBA (Upper Action Level, suitable hearing protection **MUST BE SUPPLIED AND WORN**. In addition, the new "Exposure Limit Value" requires that no worker may be exposed to more than "87dBA 8 Hour Equivalent" under any circumstances, taking into account any hearing protection worn, (the 87dBA level is that **INSIDE** the Hearing Protector). There are also new "Action Values" for IMPACT NOISE and the requirement for Risk Assessments in the workplace is reinforced by Article 4 of the new Directive.

### **Noise Meters:**

As part of risk assessment, noise meter readings should be taken by a competent person to monitor sound level.

### **Electronic Hearing Protection:**

The latest in sound technology - hearing protectors which amplify weak sounds while attenuating loud noises.

### **Ear Muffs**

A traditional method of ear protection. Today's range of muffs cope with a very wide spectrum of industrial hazards. It is important to study the attenuation characteristics of each model as they do vary in performance across the range of sound frequency.

### **Helmet mounted ear muffs**

Popular with safety officers, head and ear protection in one. Today's models are styled to be sensibly 'parked' when not in use.

## TECHNICAL INFORMATION - EAR PROTECTION

### Attenuation Data for B/Brand Ear Protection

	Frequency (Hz)								SNR (dB)
	63	125	250	500	1000	2000	4000	8000	
<b>BBED1</b>	22.2	22.8	24.4	31.6	41.7	37.3	39.4	35.9	33
	3.9	3.2	3.5	3.4	3.4	3.5	3.7	4.4	H - 34 M - 31 L - 24
	18.3	19.6	20.9	28.2	38.3	33.8	35.7	31.5	
<b>BBFED</b>	19.9	12.8	20.7	30.5	39.6	36.6	38.4	38.2	30
	4.2	2.2	2.7	2.0	2.4	1.9	3.1	2.3	H - 36 M - 28 L - 18
	12.7	10.6	18.0	28.5	37.2	34.7	35.3	35.9	
<b>BBEP</b>	36.3	33.0	33.3	36.1	37.1	36.1	41.8	38.5	34
	6.0	6.7	7.6	7.4	4.7	4.8	3.6	3.9	H - 33 M - 31 L - 28
	30.3	26.3	25.7	28.7	32.4	31.3	38.2	34.6	

<b>Colour Key</b>	Mean Attenuation (dB)
	Standard Deviation (dB)
	Assumed Protection (dB)

### SNR (Standard Noise Reduction)

SNR (Standard Noise Reduction) is only a general means of comparing different ear muffs.

Generally the higher the SNR number, the better the performance of the ear muff across a range of noise frequencies.

Example: a SNR of 30 may not give a 30 decibel attenuation at all frequencies. The figures associated with H, M and L indicate the level of protection within the range of High, Medium or Low frequency noise.

Examples: For the wearer of an ear muff where H = 35 a high frequency noise of 100 decibels will drop to 65 decibels.

Wearing the same ear muff, where M=25, a medium frequency noise of 100 decibels will drop to 75 decibels.

## **TECHNICAL INFORMATION - EAR PROTECTION**

### **Ear Protection Types**

#### **Communication Head Sets**

For people covering large areas within a noisy environment, ear muffs that incorporate communication systems.

#### **Plugs:**

Can be worn conveniently with all other PPE items. Easy to use, with attenuation provided often exceeding that of ear muffs, whilst disposable they provide excellent protection with long term comfort.

#### **Flex and Corded Plugs**

These versions are favoured for carrying around the neck when not in use. Most plugs are also available in a corded version.

### **European Standards**

Ear muffs and plugs are tested to the relevant European Standards and are CE marked.

EN352 Part 1	Ear Muffs
EN352 Part 2	Ear Plugs
EN352 Part 3	Helmet Mounted Ear Muffs
EN352 Part 4	Level Dependent Ear Muffs
EN352 Part 5	Active Noise Reduction Ear Muffs
EN352 Part 6	Ear Muffs with Electrical Audio Input
EN352 Part 7	Level Dependent Ear Plugs





**1201195**

**1201195**

**Zone 1 Yellow Helmet Mounted Muff + 25mm Fixing Posts**

Universal 25mm attachment posts. Maintains optimum and even cushion pressure. Twin stirrup design maintains stability and attenuation performance. Airing and park positions. Low profile - reduces snagging risk. Lightweight design. Simple head size adjustment. Impact resistant ABS ear cups. Suitable for working with electricity (Dielectric). Approved to global hearing protection standards (CE, ANSI, AUS/NZ). Universal maintenance and hygiene kits. SNR Rating 27.

Sold with 25MM Fixing Posts 1100104 to suit Vented Standard and Premium Safety Helmets.

**Standard: EN352-3**



**1201196**

**1201196**

**Zone 2 Orange Helmet Mounted Muff + 25MM Fixing Posts**

Universal 25mm attachment posts. Maintains optimum and even cushion pressure. Twin stirrup design maintains stability and attenuation performance. Airing and park positions. Low profile - reduces snagging risk. Lightweight design. Simple head size adjustment. Impact resistant ABS ear cups. Suitable for working with electricity (Dielectric). Approved to global hearing protection standards (CE, ANSI, AUS/NZ). Universal maintenance and hygiene kits. SNR 29.

Sold with 25MM Fixing Posts 1100104 to suit Vented Standard and Premium Safety Helmets.

**Standard: EN352-3**



**1201197**

**1201197**

**Zone 3 Red Helmet Mounted Muff + 25mm Fixing Posts**

Universal 25mm attachment posts. Maintains optimum and even cushion pressure. Twin stirrup design maintains stability and attenuation performance. Airing and park positions. Low profile - reduces snagging risk. Lightweight design. Simple head size adjustment. Impact resistant ABS ear cups. Suitable for working with electricity (Dielectric). Approved to global hearing protection standards (CE,ANSI,AUS/NZ). SNR RATING 32.

Sold with 25MM Fixing Posts 1100104 to suit Vented Standard and Premium Safety Helmets.

**Standard: EN352-3**



**1100104**

**1100104**

**25mm Fixing Posts**

25mm Fixing Posts (Pair)

**This item is sold as a set with Ear Defenders where you see this image**

To purchase on it's own use order code 1100104





**1200142**

**1200142**  
**Optime II Headband**

Optime II has been developed for demanding noise-hazard environments and muffles even extremely low frequencies to a maximum degree.

The sealing rings are filled with a unique combination of liquid and foam. The result is an optimum seal with low contact pressure, which provides snug comfort even during long-time use. The sealing rings have ventilation channels and are covered with soft, patterned, hygienic foil.

Optime II is a suitable choice for environments with substantial industrial noise or construction machinery, airports and agricultural work.

SNR 31db.

**Standard: EN352-1**



**1200144**

**1200144**  
**Optime III Headband**

Optime III is a super-muff, and has been developed for use in extremely noisy environments. The protection is based on a technology with a double casing that minimises resonance in the holder casing. This results in maximum high-frequency muffling, while at the same time its still easy to understand speech and signals. An acoustic connection between the inner volume and the volume between the casings in its turn provides maximum low-frequency muffling.

The sealing rings are broad and filled with soft plastic foam for the best fit and low contact pressure.

SNR 35db.

**Standard: EN352-1**



**1200115**

**1200115**

**Yellow Folding Ear Defender**

Premium quality ear defender. Adjustable fold away headband. Self aligned earcups.

SNR 30db.

**Standard: EN352-1**



**1200103**

**1200103**

**Premium Ear Defender**

Premium foldable ear defender. Extremely comfortable with extra large foam pads. Padded adjustable headband allows easy fitting. Good attenuation performance.

SNR - 33db

H: 34, M: 31, L: 24

**Standard: EN352-1**



**1200111**

**Ear Plugs**

Foam disposable ear plugs. SNR 37db.

It is found to be in conformity with council directive 89/686/EEC relating to PPE.

H=36  
M=34  
L=33

**Standard: EN352-2**



**1200112**

**Ear Plug Dispenser 500**

Foam disposable ear plugs. SNR 37db

It is found to be in conformity with council directive 89/686/EEC relating to PPE.

H=36  
M=34  
L=33

**Standard: EN352-2**



**1200113**

**Ear Plug Refill Pack 500**

Foam disposable ear plugs. SNR 37db

Tested by Inspec in accordance with EN352-2:1993. It is found to be in conformity with council directive 89/686/EEC relating to PPE.

H=36  
M=34  
L=33

**Standard: EN352-2**



1200146

**1200146**  
**Laser Lite Uncorded**

LASER-LITE (NRR 32) is the multi-color earplug that workers love to use. The non-irritating, non-allergenic self-adjusting foam recovers to fit virtually any ear canal. LASER-LITE is ideal for that portion of the population with smaller ear canals. Attenuation tested in accordance with ANSI S3.19-1974. Magenta/Yellow color, packed in poly bags.

Ratings: NRR 32, SNR 35 , SLC80 (corded) 27.5, SLC80 (uncorded) 28.5, CSA A(L)

**Standard: EN352-2**



1200147

**1200147**  
**Laser Lite Dispenser Refill**

LASER-LITE (NRR 32) is the multi-color earplug that workers love to use. The non-irritating, non-allergenic self-adjusting foam recovers to fit virtually any ear canal. LASER-LITE is ideal for that portion of the population with smaller ear canals. Attenuation tested in accordance with ANSI S3.19-1974. Magenta/Yellow color, packed in poly bags.

Ratings: NRR 32, SNR 35 , SLC80 (corded) 27.5, SLC80 (uncorded) 28.5, CSA A(L)

- 3301271

Pack Size: 500

**Standard: EN352-2**



1200149

**1200149**  
**Laser Lite Refill Pack 200**

LASER-LITE (NRR 32) is the multi-color earplug that workers love to use. The non-irritating, non-allergenic self-adjusting foam recovers to fit virtually any ear canal. LASER-LITE is ideal for that portion of the population with smaller ear canals. Attenuation tested in accordance with ANSI S3.19-1974. Magenta/Yellow color, packed in poly bags.

Ratings: NRR 32, SNR 35 , SLC80 (corded) 27.5, SLC80 (uncorded) 28.5, CSA A(L)

**Standard: EN352-2**

## TECHNICAL INFORMATION - RESPIRATORY PROTECTION

### Selecting a Respirator

Workplace conditions such as temperature, humidity and work rate affect wearer comfort and the relevance of the different respirator features that are available. A respirator must allow you the freedom to communicate easily with colleagues and fit well with the rest of your safety equipment.

Achieving a good fit is essential to the level of protection. A leaking respirator could be perceived as comfortable, but is not much better than using no respirator at all.

Always select a respirator that meets the European Standard, is CE Marked and offers you the right level of comfort and protection ...and ensure that you fit it correctly.

### Nuisance Dust Masks

Many types of masks and respirators seem similar but there are significant differences in the use of materials, design technology and protection levels. Make sure you always use an approved respirator to protect your health.

#### Nuisance Dust Masks vs. Disposable Respirators

**Disposable Respirators** are typically white face masks with two straps and often an exhalation valve for improved comfort. They are also printed with 'EN149:2001', the 'CE' mark and they are designed to provide effective protection against fine respirable dusts, mists and metal fumes.

**Nuisance Dust Masks and Gauze Pads** do NOT meet the European Standard (EN149:2001) for respirators and are not CE marked so they don't have any of this information printed on the mask. They do not provide protection against fine lung damaging dusts and cannot be used as personal protective equipment.

## TECHNICAL INFORMATION - RESPIRATORY PROTECTION

### Fit Testing

Checking that a respirator with a tight fitting facepiece provides an adequate seal to the wearer's face has long been considered best practice as part of a general Respiratory Protective Equipment (RPE) programme.

Fit testing has been a mandatory requirement under the UK Asbestos Regulations and now, with the introduction of the Control of Substances Hazardous to Health Regulations 2002 (COSHH) and the supporting Approved Codes of Practice, fit testing is an industry wide requirement. Respirators with tight fitting facepieces include disposable respirators, half masks and full face masks.

#### Fit testing should be carried out:

- On all wearers of RPE with tight fitting facepieces where fit testing has previously not been performed.
- During initial selection of RPE.

#### Fit Testing should be repeated at appropriate times such as:

- If the RPE wearer significantly loses or gains weight, has major dental work or sustains a major facial injury.
- If a different size or model of RPE is specified.
- If specified by the company policy e.g. repeat with annual health surveillance check.

Fit testing is an addition to the requirement to perform a pre-use fit check.

#### Two main methods of fit testing are available:

##### Qualitative Fit Testing

Qualitative fit tests provide a pass or fail result based upon the wearer detecting a test agent. They provide a subjective measure of the quality of the seal of the facepiece to the wearer's face. These tests may be carried out by a suitably trained company Safety Advisor.

##### Quantitative Fit Testing

Quantitative fit tests give an objective measure of the quality of the seal between the wearer's face and the facepiece. A fit factor number is produced. These tests will usually be carried out by a consultant.

**For more information or advice contact your safety advisor.**



1400196

**1400196**  
**Sari Full Face Mask**

Sari full face mask is renowned for its high standards of safety, reliability and comfort. Sari is approved for use with Pro2000 filters, with Autoflow and Proflow PAPR powered units and with constant flow compressed airline.

Wide sealing edge for comfort and excellent fit.  
Comfortable to wear even for long periods.  
Adjustable five-point rubber head harness.  
Large distortion-free visor.  
Speech diaphragm affords clear communication.

Use with the Sari Filter 1400197 and the Pro 2000 CF32 ABEK 2P3 Filter.

**Standard: EN136**



1400197

**1400197**  
**Sari Filter PF10 P3**

Sari Filter PF10 P3

For use with the Sari Full Face Mask 1400196

**Standard: EN143**



1400193

**1400193**  
**Pro 2000 CF32 ABEK 2P3 Filter**

Pro 2000 CF32 ABEK 2P3 Filter

For use with the Sari Full Face Mask 1400196

**Standard: EN14387**





**1400185**  
**Twin Filter Mask**

Face piece produced from soft non-allergic TPE material. Provides excellent fit to aid with protection. Low profile design offers improved field of vision. Soft adjustable strap ensures a perfect fit to wide range of contours. Can be fitted with A1, ABEK, and P3 filter cartridges. Gas filters can be fitted with replaceable pre-filters and retainer adapters.

Use with Filters 1400181 and P3R Filters 1400187

**Standard: EN140**

**1400185**



**1400187**  
**P3R Filters (Pair)**

P3 Filters for BB3000 Respirators

Used in conjunction with Twin Filter Mask 1400185.

**Standard: EN143**

**1400187**



**1400181**  
**ABEK1 Filters (Pair)**

For protection against organic gases and vapours with a boiling point > 65 deg c. Inorganic gases and vapours, Sulphur Dioxide and other acidic gases and vapours as well as against ammonia and organic ammonia derivatives.

Filter type and Class : ABEK1

Used in conjunction with Twin Filter Mask 1400185

**Standard: EN14387**

**1400181**



**1400106**

**A2 P3 Organic**

3M 4255 Maintenance Free Gas/Vapour and Particulate Respirator. Maintenance free design for maximum safety and simplicity. No maintenance records are required if disposed of within one month.

- Replace after 28 days or when damaged, breathing resistance increases or breakthrough occurs, whichever occurs first.
- 2 large bonded carbon filters for low breathing resistance.
- Low profile design for better peripheral vision.
- Low resistance parabolic valve to reduce heat build-up.
- Soft/Non-allergenic face piece material.
- Lightweight and well balanced design.
- Cradle head harness.
- Easy to fasten neck strap.

Approval: CE marked 3M 4255 Organic Vapour and Particulate Respirator: FFA1P3R D.  
Gases/Vapours :10xWEL or 5000ppm whichever is lower;  
Particulates:20xWEL.

**Standard: EN405**

**1400106**



**1400144**

**White P3 Valved Mask**

Unique "Big Eye" design provides very low breathing. resistance due to the increased filtration area. Polypropylene (P.P) outer layer provides smooth lining and avoids loose fibers. Embossed fringe seal avoids fluffy open layers around the edges. Adjustable head strap ensures the best facial seal with minimum leakage. Contour design ensures the compatibility of glasses / goggles and reduces fogging. Full facial close-cell foam and adjustable nosepiece ensure custom shape and increase the worker comfort and acceptance. Protection level FFP3 with exhalation valve.

Sold in boxes / 5

**Standard: EN149:2001 +A1 2009**

**1400144**

## TECHNICAL INFORMATION - HAND PROTECTION

CE Implies that the gloves comply with the basic requirements laid down by the EEC directive; Personal Protective Equipment.

### Simple Design

For areas of 'minimal risk' where the effects of not wearing a glove are easily reversible or superficial. Such products are self-certified.

### Intermediate Design - Category 2 (CAT II)

For areas of specific risk, i.e. mechanical risks. Such products will have been EC type tested against European test methods and certified by a notified body.

### Complex Design - Category 3 (CAT III)

For areas / applications that can seriously or irreversibly harm th health. Such products, in addition to the CE type test, will also have to be either under an approved quality system OR be type tested on an annual basis.

## Understanding Glove Markings

<b>EN 388</b>	This standard applies to all kinds of protective gloves giving protection from mechanical risks, in respect of physical problems caused by abrasion, blade cut, puncture or tearing. This standard also covers risk of electrostatic discharge.
<b>EN 374</b>	This standard specifies the capability of gloves to protect the user against chemicals and / or micro-organisms.
<b>EN 511</b>	This standard applies to gloves which protect the hands against convective and contact cold.
<b>EN 407</b>	This standard specifies thermal performance for protective gloves against heat and / or fire.
<b>EN 659</b>	This standard defines performance requirements for gloves designed to protect fire fighters against heat and flames.
<b>EN 421</b>	This standard lays down test methods and performance criteria for gloves offering protection against ionising radiation and radioactive
	If a glove is to be used for food handling, it is required to carry the words: 'For Food Use'

Mechanical Hazards	Performance Level
(a) Abrasion Resistance	0 - 4
(b) Blade-Cut Resistance	0 - 5
(c) Tear Resistance	0 - 4
(d) Puncture Resistance	0 - 4

Cold Hazards EN 511	Performance Level
(a) Convective Cold	0 - 4
(b) Contact Cold	0 - 4
(c) Waterproofness	0 - 1

Thermal Hazards EN407	Performance Level
(a) Burning Behaviour	0 - 4
(b) Contact Heat	0 - 5
(c) Convective Heat	0 - 4
(d) Radiant Heat	0 - 4
(e) Small splashes of Molten Metal	0 - 4
(f) Large splashes of Molten Metal	0 - 4



**1010128**

**1010128**

**Red Leather Welders Gauntlet**

14" Red Welders Gauntlet. Finger welts. Fully lined hand and cuff.

**Standard: EN388 3.2.3.3 and EN407 4.2.3.X.4.X**



**1010311**

**1010311**

**PU Coated Cut 5 Glove**

High engineered nylon/Spandex yarn glove. Seamless liner. PU coating, palm coated. High quality cut resistance. Excellent dexterity.

Size: S - XXL

**Standard: EN388 4.5.4.3**



**1010214**

**1010214**

**Yellow Quality Lined Gloves**

Soft grain leather. Gun pattern design. Half elasticsation to back of cuff. Fleece lined.

Sizes: L - XL

Colour co-ordinated sized cuffs:  
L - Green Cuff. XL - Blue Cuff

**Standard: EN388 2. 1. 4. 3.**



**1010190**

**1010190**

**PVC Gauntlet Open Cuff 14 Inch**

PVC Gauntlet. 14" (36cm) overall length. Liquid proof.

**Standard: EN388 3 1 1 1.**



**1010180**

**1010180  
Black Nite Star Gloves**

Nite Star Glove, exclusive to Click 2000.  
100% Nylon seamless shell with nitrile coated palm and fingers.  
Ventilated back. Lightweight for maximum dexterity and comfort with sensitivity. Suitable for general assembly handling and engineering applications

Sizes: S - XL

**Standard: EN388 3.1.2.1**



**1010333**

**1010333  
Grey Cut Resistant Gloves**

Cut-Resistant Composite Knit Glove with Grey PU Palms. 1950 grams of cut protection. High-strength Composite fibre; no itching or poking through the hand. Lint-free, continuous filament yarn that is stronger than steel on an equal-weight basis. Polyurethane-coating is non-shedding; ideal for applications where contamination is of concern.

Sizes: 5-11

**Standard: EN388 4542.**



**1010326**

**1010326  
Black Composite Filament Fibre Level 5 Cut-Resistant Knit Glove with Foam Nitrile Palms**

1617 grams of cut protection. Fine, bare hand free. Nitrile palm for excellent grip. Silicone free. Fine-gauge EN388 cut-level 5 protection. High-strength fibre is incorporated in a way that it cannot come through to the hand for total comfort and extended glove life. TenActiv gloves feature lint-free, continuous filament yarn that is stronger than steel on an equal-weight basis. Applications: Handling sharp objects, glass plants, construction, automotive industry, aerospace industry, metal fabrication, metal stamping.

Sizes: 5 - 11

**Standard: EN388 4542**



**1010332**

**1010332  
Black Cut-Resistant Composite Knit Glove with Foam Nitrile Palms**

Cut-Resistant Composite Knit Glove with Composite Filament Fibre and Black Foam Nitrile Palms. 1660 grams of cut protection.

High-strength fibre is incorporated in a way that it cannot come through to the hand for total comfort and extended glove life. Gloves feature lint-free, continuous filament yarn that is stronger than steel on an equal-weight basis. Nitrile-coating is foamed to increase your grip in oil by displacing oil on surfaces. Nitrile withstands oils and solvents, making these styles ideal for workers handling sharp glass or oily sheet metal

**Standard: EN388 4544**



**1010164**  
**1010164**  
**Kevlar Latex Gloves**  
 Kevlar knitted glove latex coated palm. High cut resistancy. Comfortable, allows hand to breath through back. Excellent grip.  
 Size: S - XL  
**Standard: EN388 3.5.4.4**

**1010174**  
**1010174**  
**Orange Multi-Purpose Gloves**  
 Multi-purpose glove. Latex rubber coated palm. Knitted base construction to allow air passage and aid comfort.  
 Size: S - XXL  
**Standard: EN388 2 2 4 3.**



**1010288**  
**1010288**  
**Multi Purpose Latex Poly Glove**  
 Multi-purpose glove. Polyester knitted base for comfort. Natural latex rubber coating to palm and fingers. Open back to help hand breath and limit moisture.  
 Size: S - XL  
**Standard: EN388 2. 1. 2. 1.**

**1010304**  
**1010304**  
**Latex Thermo-Star Fully Dipped Glove**  
 Special reinforcement on fingertips offers added protection and can extend the life of the gloves. Mixed fibre heavyweight knitted liner with Latex coated to palm area. Double dip to fingers. Vented back. Highly visible fleece liner. Ideal for refrigeration, coldstore, general use and winter conditions. Thick latex coating for durability and grip.  
 Size: 8 - 11  
**Standard: EN388 2.2.4.1. EN511 1.4.X**



**1010217**

**1010217**

**Hyflex Foam Glove**

Grey - Palm coated foam nitrile with a seamless knitted liner.

Sizes: 7 - 11

Antistatic according to EN1149

**Standard: EN388 3.1.3.1**



**1010182**

**1010182**

**Nitrile Gauntlet Flocked Lined**

Unsupported nitrile glove. Overall Length 45cm. A high level of resistance to abrasion, solvents and animal fats. Pebble finish to palm Food safe. Silicon and wax free.

Sizes: L

**Standard: EN388 4 1 0 2. EN374 CAT 3 J K L**



**1010105**

**1010105**

**Blue Nitrile Examination Gloves**

Powder Free blue Nitrile Gloves. CE category III protective glove for complex risks. CE class I examination glove. Specially developed formulation and innovative production process. Excellent elasticity for good wearing comfort. Tested and certified according to 1935/2004 - suitable for food contact. Free from phthalates/softeners and allergenic latex proteins. Textured fingers. Medical device class 1. AQL 1.5

Sizes: S - XL

**Standard: EN 420, EN 374, EN455**



**1010346**

**1010346**

**Contender Para-Aramid Cut-Resistant Knit Sleeves**

Soft, comfortable knit provides a snug fit that conforms to your arm contours for stay-in-place comfort. Good resistance to spark, flame and heat; sleeves will not support combustion. Protex® is an advanced FR fibre. 2160 grams of cut protection.

Sizes: 10", 18", 22"

**Standard: EN388 142X. EN407 X1XXXX**



**1010103**

**1010103**

**Stockinette Knitwrist**

Mens and Ladies Knitted stockinette glove. Lightweight. Many and varied uses, light handling of dry product. Makes an excellent liner.

**Minimal Risk.**



**1010154**

**1010154**

**Black Industrial Latex Medium Weight 17" Gauntlet**

Mediumweight natural rubber industrial glove.

Thickness : 1.20 mm.

Chemical protection.

Mechanical and micro organism hazards.

Sizes: M - XXL

**Standard: EN388: 4 1 2 1. EN374-2 performance level 3.**



**1010144**

**1010144**

**Freezer Gloves One Piece Back**

Full grain soft cowhide leather. Gun pattern design. Elasticated cuff with integral vein patch. Fully cotton fleece lined. Robust hard wearing, multi purpose glove ideal for low temperature working.

**Standard: EN388 2. 1. 4. 3.**



**1010108**

**1010108**

**Canadian Double Palm High Quality Rigger**

Heavy duty double palm rigger style glove. Generous hand size.

Robust yet supple. Part fleece lined. Cotton drill back.

Knuckle strap. Pasted cuff with vein patch.

**Standard: EN388 4 2 3 4**





1010106

**1010106**

**Grey PU Coated Gloves**

Nylon Glove. Polyurethane palm coated. Machine Knitted. Integral elasticated wrist. Ideal for handling light components.

Sizes: S - XL

**Standard: EN388 4 1 3 1.**



6810101

**6810101**

**Ergodyne 9015 Anti Vibration Glove**

Maximum shock, impact, and vibration protection from our exclusive, patented Nu202® polymer. Pigskin leather palm and fingers for rugged wear and abrasion resistance. PVC shell for extra protection for the back of the hand. Micro-injected closure for quick cinching. Woven elastic cuff for a perfect fit. Wicked treated. Pull-on tab.

Sizes: M - XXL

**Standard: EN ISO 10819: 1996. EN 420: 1994.**



2100109

**2100109**

**Black Thinsulate Fleece Glove**

Fleece glove with 3M Thinsulate Underlayer. Microfibre technology to keep hands warm. Generously sized. One size fits all. Ideal for winter use.

Size: One Size

**Minimal risk**



**2500101**

**2500101**

**Saturn Yellow Jacket**

Concealed hood. Two-way heavy duty zip front with storm flap and security pocket. 2 Lower pockets with flaps. In side breast pocket. Knitted storm cuffs. Internal 'Wicking' strip. Fully taped seams. Reflective Material.

Material: PU coated polyester. Quilted lining with heavy weight (160gsm) polyester filling.

Sizes: S M L XL XXL 3XL 4XL 5XL 6XL

**Standard: EN471 Class 3.**



**2500116**

**2500116**

**Saturn Yellow Bomber Jacket**

Weather Proof Constructor Bomber Jacket. Press stud flap. Quilted lining. Fully taped seams. 2 Lower front pockets with flaps. Internal breast pocket. Concealed hood/drawcord in collar.

Material: Heavyweight 300D Polyester Oxford outer shell with PU coating.

Sizes: S M L XL XXL 3XL 4XL 5XL 6XL

**Standard: EN471 Class 3.**



**2500100**

**2500100**

**Saturn Yellow High Visibility Vest**

Hi visibility vest with velcro fastening. 100% polyester. Reflective material.

Material: 100% polyester.

Sizes: M L XL XXL 3XL 4XL 5XL 6XL 7XL

**Standard: EN471 Class 2.**



**2501166**

**2501166**

**Saturn Yellow High Visibility Executive Vest**

Saturn yellow polyester executive waistcoat. Front zip fastening. Retro reflective bands & braces. Two large front pockets with flaps. Mobile phone pocket with velcro fastening flap. Pen & pencil pockets. Transparent ID pouch pocket. Garment comes with a radio loop.

Material: Polyester

Sizes: M L XL XXL 3XL 4XL 5XL 6XL

**Standard: EN ISO20471 Class 2.**



**2501183**

**2501183**

**Saturn Yellow High Visibility Trousers**

Heavyweight PVC coated polyester. Elasticated waist. 2 position stud adjustment to legs. 2 Side pockets with storm flaps. Fully taped seams. Reflective Material.

Sizes: S M L XL XXL 3XL 4XL 5XL 6XL

**Standard: EN471 Class 1.**



**2500100**

**2500100**

**Orange High Visibility Vest**

Hi visibility vest with velcro fastening. 100% polyester. Reflective material.

Material: 100% polyester.

Sizes: M L XL XXL 3XL 4XL 5XL

**Standard: EN471 Class 2.**



**2100345NVY**

**Navy Blue Super B-Dri Breathable Coveralls**

Polyester with PU coating. Hood with drawcord. Zip front with stud flap. Elasticated wind cuffs. Studded ankles. Stitched and welded seams.

Sizes: S - XXL

Supplied Unbranded

**Standard: EN343 Class 3 Water Penetration**



**2100345SY**

**Saturn Yellow Super B-Dri Breathable Coveralls**

Polyester with PU coating. Hood with drawcord. Zip front with stud flap. Elasticated wind cuffs. Studded ankles. Stitched and welded seams.

Sizes: S - XXL

Supplied Unbranded

**Standard: EN343 Class 3 Water Penetration**



**2100346NVY**

**2100346NVY**

**Navy Blue Super B-Dri Breathable Jacket**

Polyester with PU coating. Concealed hood. Full zip front with storm flap. Self double yoke back. Lower pockets with flap. Elasticated wind cuffs. Stitched and welded seams.

Sizes: S - 3XL

Supplied Unbranded

**EN343 Class 3 Water Penetration.**



**2100346SY**

**2100346SY**

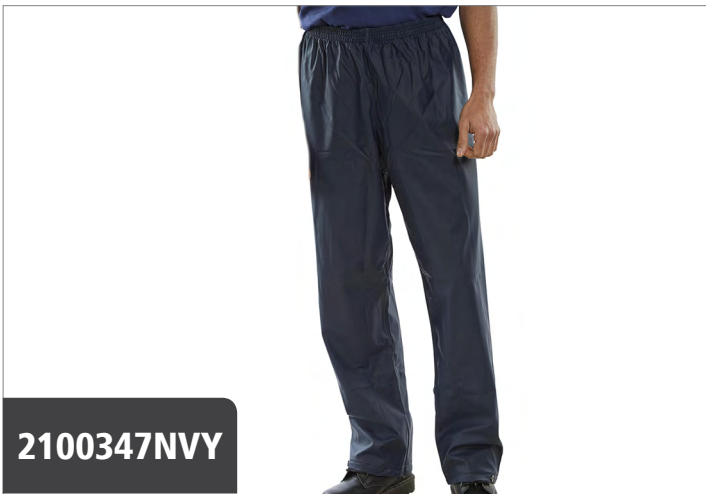
**Saturn Yellow Super B-Dri Breathable Jacket**

Polyester with PU coating. Concealed hood. Full zip front with storm flap. Self double yoke back. Lower pockets with flap. Elasticated wind cuffs. Stitched and welded seams.

Sizes: S - 3XL

Supplied Unbranded

**EN343 Class 3 Water Penetration.**



**2100347NVY**

**2100347NVY**

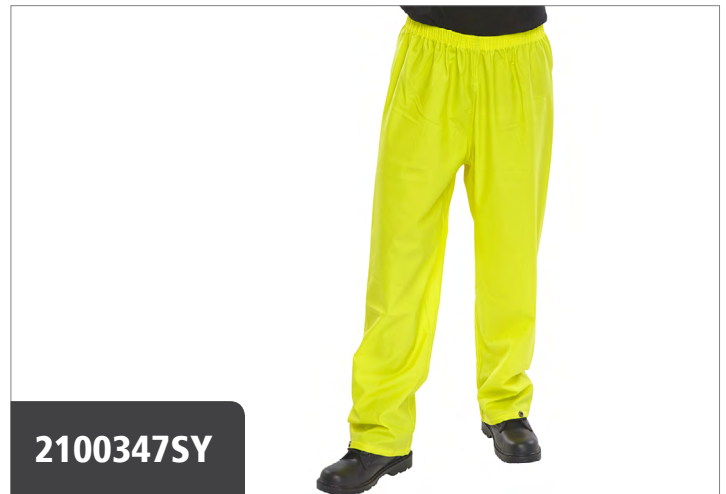
**Navy Blue Super B-Dri Breathable Trousers**

Polyester with PU coating. Overtrousers with elasticated waist. Studded ankles.

Sizes: S-3XL

Supplied Unbranded

**EN343 Class 3 Water Penetration.**



**2100347SY**

**2100347SY**

**Saturn Yellow Super B-Dri Breathable Trousers**

Polyester with PU coating. Overtrousers with elasticated waist. Studded ankles.

Sizes: S-3XL

Supplied Unbranded

**EN343 Class 3 Water Penetration.**



2100336NVY

**2100336NVY**

**Navy Blue Nylon B-Dri Suit**

Manufactured in lightweight nylon with PVC waterproof coating to the inside surface, fully taped seams. Jacket with Full zip front opening with attached hood/drawcord fully retractable into 'mandarin' collar, two lower front pockets concealed under wide flap, hip drawcord.

Trousers with elasticated waist, through access pockets and adjustable stud fastening at ankle.

Size: S - 5XL

Supplied Unbranded



2100336SY

**2100336SY**

**Saturn Yellow Nylon B-Dri Suit**

Manufactured in lightweight nylon with PVC waterproof coating to the inside surface, fully taped seams. Jacket with Full zip front opening with attached hood/drawcord fully retractable into 'mandarin' collar, two lower front pockets concealed under wide flap, hip drawcord.

Trousers with elasticated waist, through access pockets and adjustable stud fastening at ankle.

Size: S - 5XL

Supplied Unbranded



**2011374**

**2011374**

**Microporous Disposable Coverall**

Protective coverall CE Type 5 & 6. For fine dust particles. Reduced spray and limited splash. 2 way zip front with storm flap. Elasticated cuffs, ankles, waist and hood. Breathable fabric. Individually packaged. Very economical.

Sizes: S - 3XL

**Standard:**

EN13034:2005+A1:2009  
EN13982-1:2004+A1:2010  
EN1149-5:2008



**2400125**

**2400125**

**White Disposable Boilersuit TYPE 5/6**

Protective coverall CE Type 5 & 6. For fine dust particles. Reduced spray and limited splash. 2 way zip front with storm flap. Elasticated cuffs, ankles, waist and hood. Breathable fabric. Individually packaged. Very economical.

Sizes: S - 3XL

**Standard: EN13034 :2005 + A1:2009. EN13982-1:2004 + A1:2010**



**2400115**

**2400115**

**Tyvek Overshoes**

L = 40cm, with elastic on the ankle.  
Antistatic Treatment



**2400108**

**2400108**

**PVC Overshoes**

High quality overshoes. Elasticated for extra grip around shoes. Anti-slip textured surface at the bottom. Tear resistant. Waterproof. Ideal for decorating to protect carpets and flooring. Size: 16" / 40CM



**2010100**

**2010100**

**Black Regular Polycotton Boilersuit**

- Poly Cotton.
- Concealed stud front.
- 2 breast pockets.
- Elasticated waist.
- 2 swing hip pockets with side access.
- 1 rear pocket.
- 1 rule pocket.

Sizes: 36" -58"



**2011391**

**2011391**

**Black Rubber Apron complete with ties**

- 42" long by 36" wide.
- Eyeleted.
- The apron design is bib front style with metal eyelets & hemmed all round.

Size: 42" x 36"

**Minimal Risk**





**1700104**

**1700104**

**White & Black Poly Ridged Knee Pads**

Deluxe model offering excellent protection. Made using non marking material. Rubber-like surface with grip ridges help prevent sliding and slipping. Velcro Adjustable straps.



**1700105**

**1700105**

**Heavy Duty Gel Knee Pads**

Heavy duty nylon construction to resist abrasion and tear. Adjustable clip buckle closure for ease of fitting. Hard shell cap to ease swivelling. Gel foam centre to cap for even weight distribution when worn for long periods. An all round superior Knee Pad.

Type 1 Level 1

**Standard: EN 14404:2004**



**1700108**

**1700108**

**Foldable Knee Pads**

Universal sizing.  
Ergonomic design.  
Easily moulds around knee and can be trimmed to size.  
For use with all knee pad type work trousers.

## TECHNICAL INFORMATION - FOOTWEAR

### Selecting the Correct Materials

Selecting the correct materials is critical, especially when contaminants are present. By choosing the correct material the maximum lifespan of footwear can be achieved.

Nitrile Rubber Sole: for higher temperatures, oil and solvent resistant.

Polyurethane soles: for general purpose use, oil and solvent resistant.

Water repellent leather uppers: where there is an occasional exposure to water.

PVC, PVC nitrile, rubber and polyurethane uppers: where there is long term exposure to water and certain chemical applications.

### Footwear Sizes

<b>UK</b>	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13
<b>EU</b>	36	37	38	39	40	41	42	43	44	45	46	47	48

### Footwear Marking Checklist

<b>S5</b>	As per S4. Comes with pierce resistant midsole
<b>S4</b>	Steel toe cap, anti-static, acid, alkali, oil resistant, anti-slip & water resistant upper
<b>S3</b>	As per S2. With water resistant upper and pierce resistant midsole
<b>S2</b>	As per S1. Comes with water resistant upper
<b>S1P</b>	As per S1. Comes with pierce resistant midsole
<b>S1</b>	As per SB. Comes with anti-static sole and cushioned heel area.

<b>SBP</b>	As per SB. Comes with pierce resistant midsole
<b>SB</b>	Safety Basic. Has all the features to comply to Standard EN20345 / EN345
<b>NS</b>	Non-Safety. Does not comply to Standard EN20345 / EN345.

## **TECHNICAL INFORMATION - FOOTWEAR**

### **Marking Codes on CE Certified Footwear**

Additional protection may be provided and is identified on the product by its marking as below:

P : Penetration resistant outsole

---

A : Anti-static

---

C : Conductive

---

CI : Insulation against cold

---

HI : Insulation against heat

---

E : Energy absorption of the seat region

---

AN : Ankle protection

---

HRO : Heat resistant outsole compound: shall withstand 300°C for 60s

---

WR : Water resistant footwear

---

WRU : Water resistant upper leather

---

FO : Fuel oil resistant outsole

---

M : Metatarsal protection: 100J impact energy (not EN ISO 20347)

---

CR : Cut resistant upper

---

I : Insulating

Footwear that feature slip resistance, are tested according to a set of European standards written into EN ISO 20345: 2011. Footwear which has passed this test will be marked with one of the codes below.

SRA : Slip resistance on ceramic tile floor with dilute soap solution

---

SRB: Slip resistance on steel floor with glycerol

---

SRC : Slip resistance on ceramic tile floor with dilute soap solution and on steel floor with glycerol



**8011178**

**8011178**

**Black Non Metallic Shoe S1P**

Dual density PU. 200 Joule composite toe cap. Composite midsole protection. Shock absorber heel. Anti-static. Slip resistant. Leather upper.

Sizes: 3 - 13

Category: S1-P. Slip Resistance: SRC

**Standard: EN ISO 20345:2011 S1P SRC**



**8010187**

**8010187**

**Managers Shoe**

Monodensity PU. 200 joule steel toe cap. Shock absorber heel. Anti-static. Slip resistant. Leather upper.

*Not suitable for heavy industrial wear. Steel or Composite toe cap only. No protective mid-sole. Suitable only in appropriate locations / dependent on duties.*

Category: S1. Slip Resistance: SRC

Sizes: 5 - 12

**Standard: EN ISO 20345:2011 S1 SRC**



**8010110**

**8010110**

**Genuine Dr Marten Safety Shoe Black**

Classic 4-eye safety shoe crafted with black fine haircell natural grain finish leather for ideal uniform shoe. Includes industrial strength cord lacing. Toe Protection. Heel energy absorption. DMS sole. Air Cushioned PVC Sole. Total comfort padded collar with nylon backed foam lining.

*Not suitable for heavy industrial wear. Steel or Composite toe cap only. No protective mid-sole. Suitable only in appropriate locations / dependent on duties.*

Sizes: 3-13

Safety Category: SB-E. Slip Resistance: SRA. **Standard: ISO20345**



**8010355**

**8010355**

**Black Leather Safety Shoe**

Black leather 3 eyelet safety shoe. Padded collar. Steel toe cap. PVC Air cushioned sole. Chemical resistant sole. Oil resistant sole.

*Not suitable for heavy industrial wear. Steel or Composite toe cap only. No protective mid-sole. Suitable only in appropriate locations / dependent on duties.*

Sizes: 3-12

Safety Category: SB

**Standard: CE EN ISO 20345 OR EN345:1:1993**



**8010217**

**8010217 Black Smart Leather Safety Shoe**

Smart leather safety shoe ideal for industrial office use. Antistatic. Toe Protection. Heel energy absorption. Slip resistant. Description. Dual Density PU Sole. SRC Slip Resistance

*Not suitable for heavy industrial wear. Steel or Composite toe cap only. No protective mid-sole. Suitable only in appropriate locations / dependent on duties.*

Sizes: 6 - 14

Safety Category: S1. Slip Resistance: SRC. **Standard: EN ISO20345**

**8010224**

**8010224 Comfort Fit**

**Black Smart Gibson**

Smart Gibson ideal for industrial office use. Formal mono-black smooth leather upper. Dual density PU sole with flexible protective composite midsole allowing feet to move naturally whilst providing underfoot protection. Steel toe cap protection to 200 joules impact. Antistatic construction. Energy absorbing heel. Features three subtle eyelets. Meets SRC slip resistant standards.

Sizes: 6 - 14

Safety Category: S1-P. Slip Resistance: SRC

**Standard: EN ISO 20345:2011 S1P SRC**



**8010214**

**8010214 Comfort Fit**

**Black Steel Toe Capped Safety Gibson**

Steel toe capped safety gibbon ideal for industrial office use. Crafted with a smooth mono-black leather upper. Lace up front with three eyelets. Steel shank in the sole provides underfoot protection. Hardwearing PU sole unit. Comfortable padded ankle collar. Antistatic. Energy absorbing heel. Conforms to EN ISO20345 Safety Footwear Standards. Passes SRA slip resistance standards.

Sizes: 4 - 15

Safety Category: S1-P Slip Resistance: SRC

**Standard: EN ISO20345**

**8010188**

**8010188**

**Black Brogue Shoe**

Monodensity PU. 200 joule steel toe cap. Shock absorber heel. Antistatic. Slip resistant. Leather upper.

*Not suitable for heavy industrial wear. Steel or Composite toe cap only. No protective mid-sole. Suitable only in appropriate locations / dependent on duties.*

Sizes: 5 - 12

Safety Category: S1 Slip Resistance: SRC

**Standard: EN ISO 20345:2011 S1 SRC**



**8010260**

**8010260**

**S3 Black Lace-Up Safety Shoe**

Midsole. Antistatic. Water Resistant. Toe Protection. Resistance to high heat. Heel energy absorption. Rubber / PU sole. SRC Slip Resistance.

Sizes: 6 - 12

Category: S3-HRO. Slip Resistance: SRC

**Standard: EN ISO 20345:2011**



**8011722**

**8011722**

**S3 Metal Free Safety Shoe**

Midsole. Antistatic. Water Resistant. Toe Protection. Heel energy absorption. Composite cap. Composite midsole. Slip resistant.

Sizes: 3 - 15

Safety Category: S3.

**Standard: EN ISO 20345:2011**



**8010223**

**8010223**

**S3 Black Smart Lace-Up Gibson**

Smart lace-up Gibson ideal for wet weather conditions. Formal mono-black smooth leather upper. Waterproof construction. 200 joule steel toe cap. Flexible composite midsole protection. Antistatic dual density PU sole unit. Water Resistant. Toe Protection. Heel energy absorption. Composite midsole. Slip resistant.

Sizes: 6-14

Safety Category: S3-W/P. Slip Resistance: SRC.

**Standard: ISO20345**



**8011723**

**8011723**

**S3 Safety Shoe**

Midsole. Antistatic. Water Resistant. Toe Protection. Heel energy absorption. Slip resistant

Sizes: 4-12

Safety Category: S3

**Standard: EN ISO 20345:2011**



8011146

**8011146**

**Black Nubuck Safety Trainer**

Black nubuck safety trainer with four plastic eyelets. Composite cap is lightweight and a metal free alternative. TPU sole is renowned for its superior wear and abrasion resilience. Superb slip resistance passing SRC standards. Toe protection tested to 200 joules impact.

*Not suitable for heavy industrial wear. Steel or Composite toe cap only. No protective mid-sole. Suitable only in appropriate locations / dependent on duties.*

Sizes: 4 - 12

Safety Category: SB. Slip Resistance: SRC. **Standard: EN ISO20345**



8011650

**8011650**

**Black Safety Trainer**

Stylish safety trainer with a lightweight compression resistant composite cap. Underfoot composite midsole protection. Outsole resistant to high heat of 300°C. Breathable terylene mesh upper. Perforated stylish grey microfibre overlays. Glossy zig-zag synthetic trims. Protective toe and heel guards. Antistatic. Slip resistant.

Sizes: 2-13

Safety Category: S1-P-HRO. Slip Resistance: SRC

**Standard: EN ISO20345.**



8011721

**8011721**

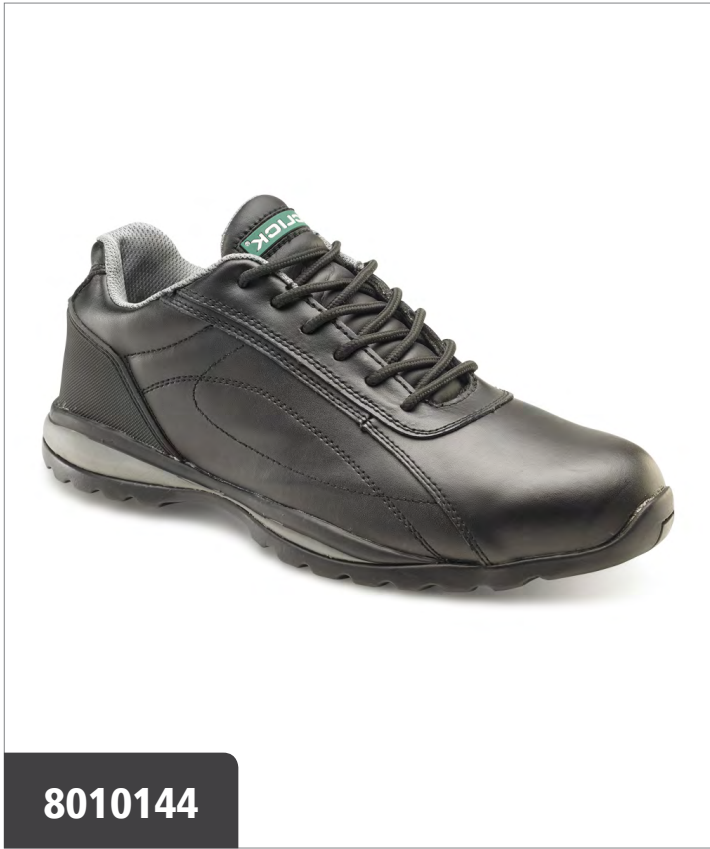
**S3 Black Non-Metallic Trainer**

Black leather non metallic trainer. Water resistant. Extended size range. Padded collar and tongue. Composite toe cap and mid-sole. PU dual density sole. Chemical resistant sole. Oil resistant sole. Shock absorption. Anti static. Heat resistant. Electrostatic discharge.

Sizes: 3-13

Safety Category: S3. Slip Resistance: SRA

**Standard: CE EN ISO 20345 OR EN345:1:2005.**



8010144

**8010144**

**Double Density Trainer Shoe - For Soft Services Use**

EVA/Rubber. 200 Joule steel toe cap. Steel midsole protection. Shock absorber heel. Slip resistant. Leather upper.

Sizes: 3 - 12

Approved for Soft Services Non-Industrial Use Only

Safety Category: S1-P Slip Resistance: SRA.

**Standard: EN ISO 20345:2011 S1P SRA**



8011133

**8011133**

**Black Leather / Mesh Safety Trainer**

Black leather/mesh safety trainer. Black leather/mesh safety trainer, Padded collar and tongue, Scuff trim, Steel toe cap and mid-sole, Rubber sole, chemical resistant sole, Oil resistant sole, Shock absorption sole, Anti static

Sizes: 6-12

Safety Category: S1-P Slip Resistance: SRA

**Standard: CE EN ISO 20345 OR EN345:1:1993**





**8010353**

**8010353**

**S3 Challenger 3 Black Safety Boot**

Steel toe cap (resistant to 200 joules). Double density seat region. Antistatic. Penetration resistance.

Sizes: 6-12

Safety Category: S3 WR. Slip Resistance SRA

**Standard: EN20345**



**8010283**

**8010283**

**S3 Black Waterproof Hiker**

A stylish waterproof hiker with a steel midsole and toe cap. Midsole. Antistatic. Water Resistant. Toe Protection. Heel energy absorption. Slip resistant. Waterproof. MIR-TEX waterproof lining. Dual density. Rubber/Phylon sole.

Sizes: 6-15

Safety Category: S3-W/P. Slip Resistance SRC

**Standard: EN ISO20345**



**8011181**

**8011181**

**S3 Black Non Metallic Boot**

200 Joule composite toe cap. PU/RUBBER. Composite midsole protection. Shock absorber heel. Anti-static. Heat resistant to 300°C. Slip resistant. Water resistant leather upper. Honeycomb gel heel insole for excellent comfort.

Sizes: 3-13

Safety Category: S3-HRO. Slip Resistance SRC

**Standard: EN ISO 20345:2011 S3 SRC HRO**



**8011190**

**8011190**

**S3 Black Lace-Up Boot**

Lace-up boot with composite toe cap and midsole protection. Padded collar for comfort. Rugged sole. Waterproof lining and water resistant leather. Metal-free: non-metallic eyelets, composite cap and midsole.

Sizes: 4-14

Safety Category: S3-W/P. Slip Resistance SRC

**Standard: EN ISO20345**



8010139

**8010139**

**Black Smooth Leather 6 Inch Boot**

Smooth leather 6 inch boot. 200 Joule steel toe cap. Steel midsole protection. Shock absorber heel. Anti-static. Slip resistant. Leather upper. TPU heel support.

Sizes: 6 - 13

Safety Category: S1-P Slip Resistance: SRC.

**Standard: EN ISO 20345:2011 S1P SRC**



8010352

**8010352**

**Black Leather Dealer Style Safety Boot**

Steel toe cap and mid-sole. PU dual density sole. Chemical resistant sole. Oil resistant sole. Shock absorption. Anti static

Sizes: 5-13

Safety Category: S1P Slip Rating: SRA

**Standard: CE EN ISO 20345 OR EN345:1:1993**



8010146

**8010146**

**S3 Traders Thinsulate Boot**

Dual Density PU - TPU. 200 Joule steel toe cap. Steel midsole protection. Shock Absorber heel. Anti-static. Slip resistant. Water penetration resistant. Breathable membrane lining.

Sizes: 6 - 13

Safety Category: S3. Slip Resistance SRC

**Standard: EN ISO 20345:2011 S3 SRC**



8200119

**8200119**

**Snow and Ice Grips**

Boot grips. Improves traction in slippery conditions. Increased stability Reduces slipping or falling

Sizes: 7-10



8011709

**8011709**

**Black Protomaster Full Safety PVC Wellington**

Steel Toe Cap. Steel Mid-Sole. Oil Resistant Outsole. Antistatic. Energy Absorbing Sole. Waterproof. Cold insulating.

Sizes: 3-13

Safety Category: S5

Standard: ISO 20345 S5



8010126

**8010126**

**Green Protomaster Full Safety PVC Wellington**

Steel Toe Cap. Steel Mid-Sole. Oil Resistant Outsole. Antistatic. Energy Absorbing Sole. Waterproof. Cold insulating.

Sizes: 3-13

Safety Category: S5

Standard: ISO 20345 S5



8010175

**8010175**

**Green Full Safety Chest Wader**

Steel toe cap. Steel midsole. Resistant to Mineral Oils, Animal and vegetable oils & fats, Disinfectants and various chemicals. 100% Waterproof.

Sizes: 6 - 12

Safety Category: S5

Standard: EN345.S5



8011591

**8011591**

**Black Composite Ladies Lace-Up Safety Shoe**

Lightweight composite ladies lace-up safety shoe. Padded collar. Plastic eyelets. SRC slip resistance. Meets EN ISO 20345. Composite toe cap and midsole.

Sizes: 2 - 8

Safety Category: S1-P Slip Resistance: SRC

**Standard: EN ISO20345**



8011571

**8011571**

**Ladies Black Lightweight Safety Trainer**

Action Nubuck Leather. Hidden lace looping system. Pull on loop. Padded collar. Heat resistant rubber outsole. Lightweight composite toe cap and midsole. Antistatic protection and heel energy absorption.

Sizes: 2 - 9

Safety Category: S1-P-HRO. Slip Resistance: SRC

**Standard: EN ISO20345**



8010241

**8010241**

**Black Protective Ladies Court Shoe**

Lightweight and durable protective ladies court shoe. Crafted with a comfortable full grain leather upper with plain toe. Rubber outsole with low 1 1/2 inch (38mm) heel. Antistatic construction. Ideal for uniform/office wear.

Impact Resistance: 100 Joules Protective Steel Toe Cap

Construction: Cemented

*Not suitable for heavy industrial wear. No protective mid-sole. Suitable only in appropriate locations / dependent on duties.*

Sizes: 3-8



8011710

**8011710**

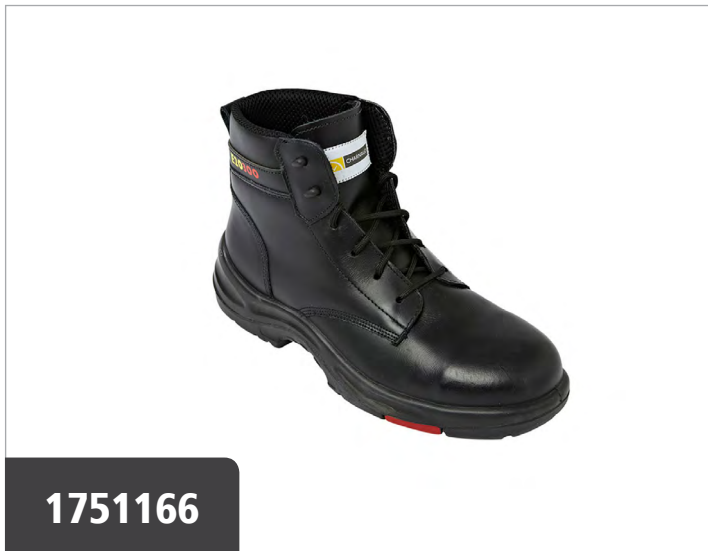
**ESD Shoe**

Mono-black water-resistant Microfiber upper with comfort padded collar. Comfort fitted with a thick anti-bacterial insole. Antistatic. Water Resistant. Enhanced strength/lightweight metal-free composite toe cap resistant against up to 200 joules impact. Lace-up front with four non-metallic eyelets and industrial standard lacing. Dual density PU sole resistant to 200°C oil, acids and solvents. A harder outer layer and inner foam layer in the sole, as well as an energy absorbing heel. Electro Static Dissipative. Slip resistant. Machine washable at 30°C.

ESD Footwear is specifically crafted for the electronic components manufacturing and assembly industries. They are designed to dissipate the amount of natural static electricity on your body and conform to EN 61340-5-1 standards.

Sizes: 3 - 12

Safety Category: S2 Slip Resistance: SRC  
**Standard: ISO20345 EN61340-5-1**



1751166

**1751166**

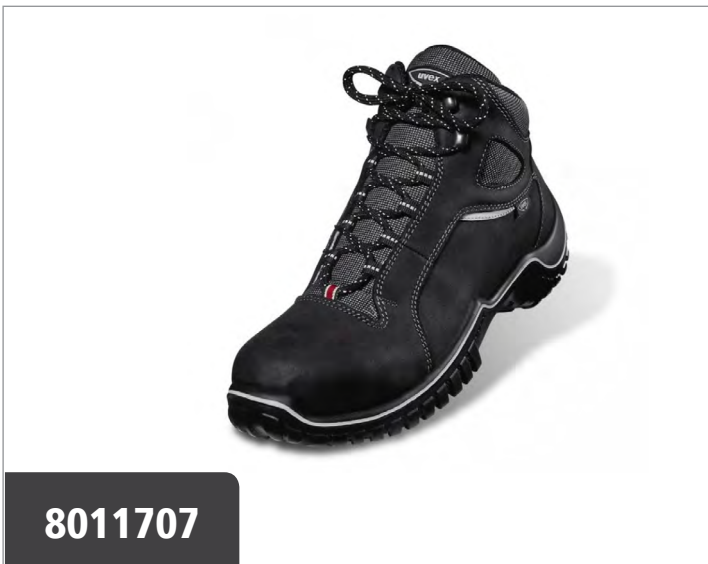
**Arc Flash Safety Boot**

Full leather, non-metallic, safety half boot with laces, lining and padded collar. Comfortable modern design with energy absorbing heel, non-slip, oil resistant, light weight, removable insole, puncture resistant midsole. Sole system heat resistant to 300°C and sole system electric shock resistant up to 20kV.

Sizes: 36 - 48 (Eur); 3- 13 (UK)

**Standard:**  
**Half boot: EN ISO 20345:2007 E P FO WRU HRO; CE0339**  
**Outsole: Electric shock resistant to 20kV (test method ASTM F2412-05 :2005 mod.)**

Notes: Only the outsole has been material tested to ASTM F2412-05:2005 mod. to withstand electric shock up to 20kV (dry conditions).



8011707

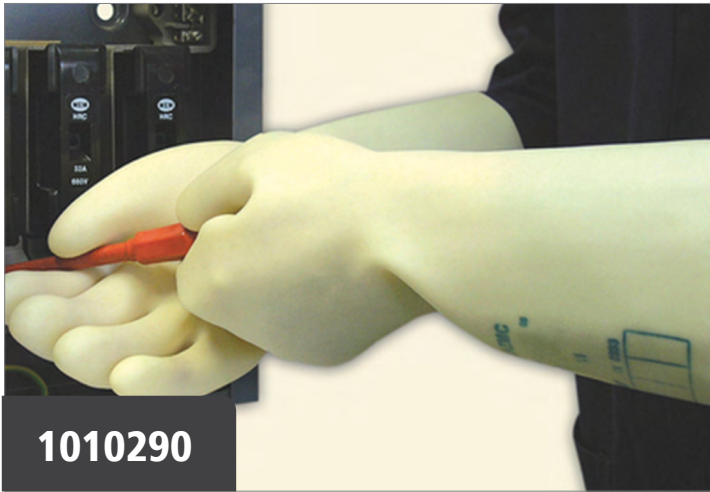
**8011707**

**Motion Light Lace-Up Boot**

Wide sports fit. Nubuck leather upper. Breathable textile lining. Loop lacing system uxex anti-twist heel cap for greater stability and protection from ankle twisting. Soft padded dust tongue. Soft padded collar. Ultra comfortable removable insole, antistatic, with a moisture control system creating a superior foot climate and improved comfort. Fulfils ESD requirements: resistance to ground < 35 megaohms. PUR outsole.

Sizes: 5, 6, 6.5, 7, 8, 9, 10, 10.5, 11, 12, 13

Safety Category: S2. Slip Resistance: SRC  
**Standard: ENISO 2035:2011 S2 SRC**



1010290

**1010290**

**White Electrician Gauntlet Glove, Class 0**

Class 0 Electrician glove for installation rated at 1000 volts or less. Insulating gloves made from non-conductive natural rubber. They are anatomically shaped, flexible and durable offering maximum comfort and superior performance.

Leather Protection Gauntlet can be worn over the top to provide mechanical protection.

Sizes: 9 & 10

Standard: EN60903



1010141

**1010141**

**White Electrician Glove Cover**

Leather Protection Gauntlet which can be worn over the top of the 'Electrician Gauntlet Glove' to provide mechanical protection.

Only to be used with the Electrician Gauntlet Glove, Class 0

Sizes: 9 & 10

Standard:  
**ISO 9001:2008**  
**EN420:2003**  
**EN388:2003 / 3121**

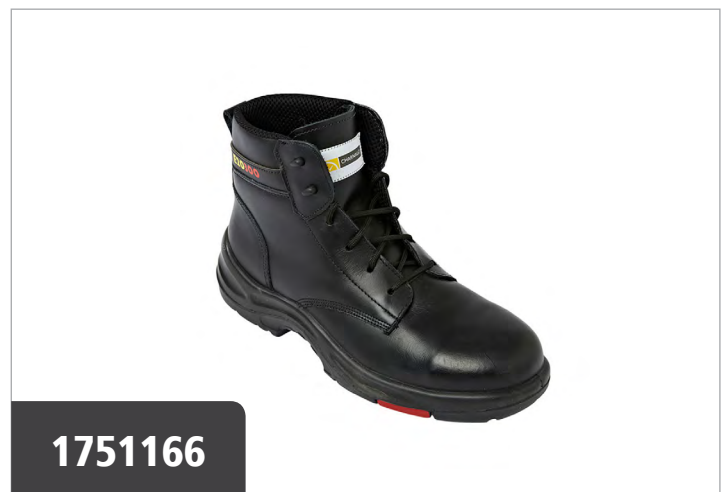


1010296

**1010296**

**Electrician Glove Bag**

Glove Bag for the Electrician Gauntlet Glove, Class 0.



1751166

**1751166**

**Arc Flash Safety Boot**

Full leather, non-metallic, safety half boot with laces, lining and padded collar. Comfortable modern design with energy absorbing heel, non-slip, oil resistant, light weight, removable insole, puncture resistant midsole. Sole system heat resistant to 300°C and sole system electric shock resistant up to 20kV. Sizes: 36 - 48 (Eur); 3- 13 (UK)

Standard:  
**Half boot: EN ISO 20345:2007 E P FO WRU HRO; CE0339**  
**Outsole: Electric shock resistant to 20kV (test method ASTM F2412-05 :2005 mod.)**

Notes: Only the outsole has been material tested to ASTM F2412-05:2005 mod. to withstand electric shock up to 20kV (dry conditions).



**2801025**

**Red Fire Retardant Anti-Static Boilersuit**

300 gram 100% cotton drill fabric with flame retardant treatment. FR reflective tape. (Nordic Pattern). Anti Static. Concealed stud front to neck. One left breast pocket with flap. Two front hip pockets. Knee pad pockets. Plain back and hips.

Date of Issue embroidered on the Left Sleeve.

**Standard:**

**EN ISO 11611: 2007 Class 1 A1+ A2**

**EN ISO 11612: 2008 A1 + A2, B1, C1**

**EN 1149-5: 2008 (EN 1149-3: 2004)**

2801025



**2800100**

**Red Fire Retardant Boilersuit**

300 gram 100% cotton drill fabric with flame retardant treatment. Concealed stud front to neck. One left breast pocket with flap. Two front hip pockets. Plain back and hips. Embroidered 'FR' logo to upper left sleeve

Date of Issue embroidered on the Left Sleeve.

**Standard:**

**ISO 11611:2007 Class 1 A1**

**ISO 11612:2008 A1, B1, C1**

2800100



**8011708**

**Dielectric Boots**

Electrically insulating dielectric boot with an integral steel toe cap and vulcanized rubber sole for superior slip resistance. The dielectric boot provides protection of up to 20kV over the complete boot for over 8 hours, and 35kV over the sole for 3 minutes.

**Boot Shaft:**

Yellow dielectric compound shaft. 200 Joule Epoxy coated Steel toe cap to EN ISO 20345. Seamless construction. Kick off lug. Extra shin protection. Adjustable height. Ankle guard. Non-wicking knitted nylon lining. Comfort insole (removable and machine washable). REACH Compliant.

**Boot Sole:**

Blue vulcanized rubber sole for maximum grip - 30% better than a conventional safety boot sole. Slip resistance performance twice that required by EN 13287 SRA and SATRA TM144 standards. Cleated outsole for maximum grip. Two to three times the wear resistance of conventional soles. Fuel and oil resistant. Greater cut resistance than conventional soles. Resistance to hot contact 60 seconds 300°. Energy absorbing tunnel system conforms to EN 20345 E. Cold insulation to EN ISO 20345.

**Care:**

Machine washable at up to 40°. Shelf life of over 10 years.

**8011708**

**Sizes:**

UK	3	4	5	6	7	8	9	10	11	12	13	14	15
EU	35	36	37	39	41	42	43	44	45	46	47	49	50
US	4	5	6	7	8	9	10	11	12	13	14	15	16

**Electrical Protection:**

Complete boot: 20 kV.....8 hours no damage.  
 5 kV.....<5mA Leakage current  
 Sole: 35 kV.....3 minutes no damage

**Certification:**

**Safety Footwear:** EN ISO 20345 | E HRO SRA CI  
**Electrically Insulating Footwear:** EN 50321 Class 0  
**Dielectric Footwear:** ASTM F1117  
**Personal Protective Equipment:** PPE DIR 89/686/EEC





**PPE Kit**

This kit contains:

- Saturn Yellow High Visibility Vest
- Premium Vented Safety Helmet
- Clear Yale Spectacles
- Stockinette Knitwrist
- Yellow Folding Ear Defender
- White P3 Valved Mask
- Snow & Ice Grips Size 7-10
- Black Composite Filament Fibre Level 5 Cut-Resistant Knit Glove with Foam Nitrile Palms Large
- Grey PU Coated Gloves Large
- Safety Bump Cap

Holdall available in the following colours:



**Where You See This Image The Item Is Included In The PPE Kit 6200172**



**Black Backpack (Supplied Empty)**

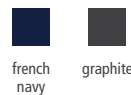
Reflective strip. Ergonomic padded back panel. Padded adjustable shoulder straps. Padded back panel. Grab handle. Media pocket and headphone port. Front pocket organiser section. Small zip front pocket. Side pockets with small zip pockets. Water bottle holder. Capacity 16 litres.

Material: 600D micro ripstop polyester

Size: One Size

Dimensions: 48 x 32 x 14 cm  
Print area: 14 x 12 cm

Also available in the following colours:



**6200162**

**Black Holdall (Supplied Empty)**

Detachable / adjustable shoulder strap. Zipped side pocket. Internal baseboard. Protective base feet. Capacity 34 litres.

Material: 420D polyester

Size: One Size

Dimensions: 50 x 25 x 25 cm

Also available in the following colours:



6200172

6200162

## **TECHNICAL INFORMATION - FALL ARREST & PREVENTION**

### **Work Restraint**

When a worker is required to approach an unprotected fall hazard, the safest method of access is a Work Restraint System. A Work Restraint System uses equipment to restrict movement, creating a safe working zone and preventing the worker from reaching the fall hazard. Care should be taken when setting up the system to ensure that the safe working zone is effective, as once in place the worker's level of awareness will decrease. An effective Work Restraint System provides an extremely high level of safety.

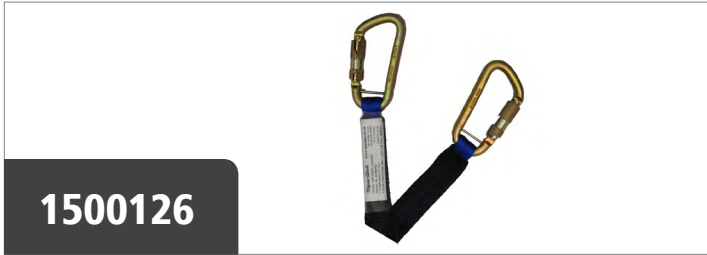
Work Restraint Systems can be broken down into 4 key components. An Anchor Point, a Connecting Element, a Fall Protection Harness and the Knowledge, gained through height safety training, to use them all safely. It is essential to ensure that all the components of your system are compatible. The equipment you select may also be suitable for use in a Fall Arrest System or Work Positioning System.

### **Fall Arrest**

Where a worker requires freedom of movement to climb between platforms, or move around on a structure, then it may not be possible to remove the risk of a fall completely. In these situations it is important to mitigate the consequences of the fall as far as possible. This is a common situation in areas where workers build, maintain or dismantle structures such as scaffolding, steel frame buildings, tower cranes or racking systems.

Different items of equipment achieve this in different ways and understanding this enables users to select the most appropriate method for their application. The fact that this type of fall protection allows the worker to fall also means that consideration must be given to rescue or recovery of a suspended worker to minimise suspension trauma.

The height safety training required for the use of fall arrest systems should include both theoretical and practical sessions so that users can match their understanding to real life applications. The theory side must look at all aspects from planning through to implementation and rescue.



1500126

**1500126**  
**0.5m Restraint Lanyard**  
 0.5m Restraint Lanyard

Standard: EN358



1500127

**1500127**  
**1m Restraint Lanyard**  
 1m Restraint Lanyard

Standard: EN358



1500126

**1500128**  
**1.5m Restraint Lanyard**  
 1.5m Restraint Lanyard

Standard: EN358



1500129

**1500129**  
**2m Restraint Lanyard**  
 2m Restraint Lanyard

Standard: EN358

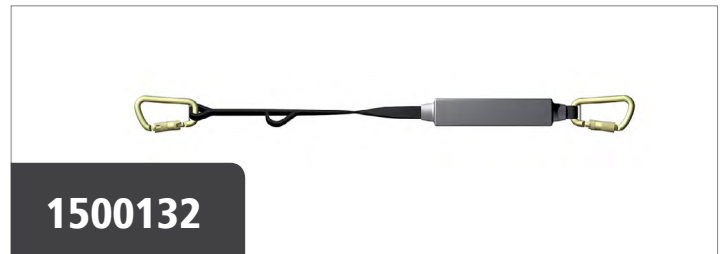


1500130

**1500130**  
**Fall Arrest Lanyard**  
 Energy Absorbing Fall Arrest Lanyard for use with Full Body Fall Arrest Harness.

Suitable for average person users up to 100Kg.  
 For Users of more than 115Kg please refer to our Atlas 140 Range  
 3.65mtr Total Length.

Standard: BSEN355: 2002



1500132

**1500132**  
**T-Pak 3 Loop Lanyard 1.75m**  
 Clip-back Lanyard for Fall Arrest and Work. Restraint applications. Steel autolock karabiner complete with captive pin at each end 1.95m in length including fittings. Supplied with clear instructions and individually serial numbered certification. Suitable for Facilities Maintenance and Powered Access.

Standard: EN 355.

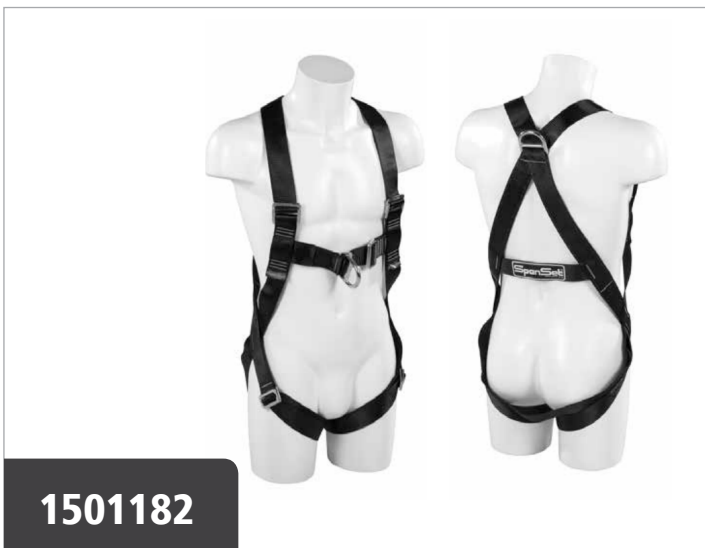


**1500116**

**2 Point Safety Harness Upto 100KG (15.5 Stone)**

Front and Rear Fall Arrest Attachments. Adjustable at leg loops, shoulders and chest. Designed for users up to 140kg. Stainless Steel buckles and fittings. Re-inforced with substantial construction to provide support for larger users. Pocket Inspection Guide. Supplied with clear instructions and individually serial numbered certification. Suitable for steel erection and scaffolding.

**Standard: EN361**

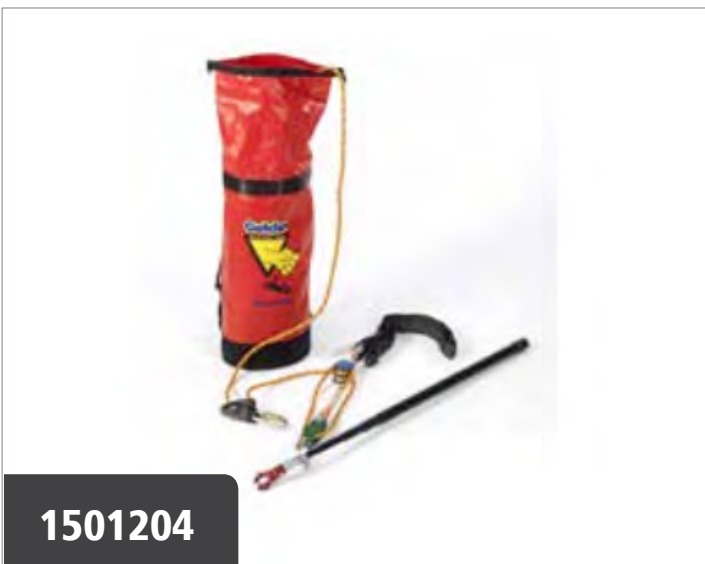


**1501182**

**2 Point Safety Harness Upto 140KG (22 Stone)**

2 Point Safety Harness. Lightweight Full Body Work Restraint and Fall Arrest Harness. Attachment points at front and rear. Adjustable at leg loops, shoulders and chest. Available in standard size. Steel attachment points and shoulder adjustment buckles. Pocket Inspection Guide. Supplied with clear instructions and individually serial numbered certification. Suitable for industrial rope access and tower crane erection and maintenance.

**Standard: EN361**



**1501204**

**Gotcha Original Kit**

Suitable for Rescue from Fall Arrest Lanyards and Fall Arrest Blocks. This is a no-cut kit. The casualty is raised to release their original attachment. Rescue direction. You can raise or lower the casualty with this kit. Pre-assembled. No assembly is required by the user. Remote attachment. The casualty can be attached from a point of safety. Single person use. The Gotcha is for raising or lowering a single person. Maximum Working Length. Colour coding. The kit is colour coded for simplicity. Suitable for scaffolding and oil and gas.

The Gotcha kit is available in four lengths:

Item	Order Code	Rescue Distance in High Anchor Mode	Rescue Distance in Low Anchor Mode	Weight
Gotcha 50	1501204H55F	Up to 55 feet	Up to 40 feet	15lbs
Gotcha 100	1501204H110F	Up to 110 feet	Up to 85 feet	24lbs
Gotcha 150	1501204H165F	Up to 165 feet	Up to 125 feet	42lbs
Gotcha 200	1501204H220F	Up to 220 feet	Up to 170 feet	42lbs

**Standard: EN: 1496.**



**1100100**

**1100100  
Orange Forestry Kit**

Kit contains:  
 1 x Safety Helmet.  
 1 x Set of Clip-on Ear Defenders. (SNR 23)  
 1 x Chin Strap.  
 1 x Mesh Face Shield with Mount.

Suitable for Forestry, Strimming, Agricultural and Chainsaw use.

**Standard: EN397, EN352-3, EN166, EN1731.**



**1300101**

**1300101  
Head Gear**

Fully adjustable. Ratchet fastening. Soft nylon padded browguard.

To use with the Standard Face Visor 7.5" 1300124

**Standard: CE EN166. CE EN1731.**



**1200115**

**1200115  
Yellow Folding Ear Defender**

Premium quality ear defender.  
 Adjustable fold away headband.  
 Self aligned earcups.  
 SNR 30db.

**Standard: EN352-1**



**1400144**

**1400144  
White P3 Valved Mask**

Design provides very low breathing resistance due to the increased filtration area. Polypropylene (P.P) outer layer provides smooth lining and avoids loose fibers. Embossed fringe seal avoids fluffy open layers around the edges. Adjustable head strap ensures the best facial seal with minimum leakage. Contour design ensures the compatibility of glasses / goggles and reduces fogging. Full facial close-cell foam and adjustable nosepiece ensure custom shape and increase the worker comfort and acceptance. Protection level FFP3 with exhalation valve. Sold in boxes / 5

**Standard: EN149:2001**



**1100118**

**1100118**

**Green Safety Bump Cap**

Stylish fashionable 100% cotton baseball cap with ventilation holes. Fitted over a plastic shell providing lightweight head protection.

**Standard: EN812 - 2012**



**1300154**

**1300154**

**Grey Sillium Spectacles**

The "Sillium" eye shield in a distinctively modern, technologically advanced style. The pure curves of the metal frame offers a design that is sleek and attractive and the technical characteristics of the material used offer some of the same advantages as plastic frames. Integrated side protections, Flex temples with TipGrip system, panoramic vision. Version clear polycarbonate anti-scratch anti-fog.

**Standard: EN166**



**1100119**

**1100119**

**Vented Safety Helmet**

Modern Stylish Design. ABS Shell. Vents to crown. Lightweight. 6 point webbing harness. Slip-ratchet headband adjustment. Slots for attachments. Complete with terry towelling sweatband.

**Standard: EN397.**



**1301136**

**1301136**

**Clear Yale Spectacles**

Ultra lightweight. Wrap around design. Contoured shape. Polycarbonate anti fog lens (PC lens). Soft nose bridge Non slip coloured rubber tips.

**Standard: EN166 1.F**



**6810101**

**6810101**

**Ergodyne 9015 Anti Vibration Glove**

Maximum shock, impact, and vibration protection from our exclusive, patented Nu202® polymer. Pigskin leather palm and fingers for rugged wear and abrasion resistance. PVC shell for extra protection for the back of the hand. Micro-injected closure for quick cinching. Woven elastic cuff for a perfect fit. Wicked treated. Pull-on tab.

Sizes: M - XXL

**Standard: EN ISO 10819: 1996. EN 420: 1994.**



**1010288**

**1010288**

**Multi Purpose Latex Poly Glove**

Multi-purpose glove. Polyester knitted base for comfort. Natural latex rubber coating to palm and fingers. Open back to help hand breath and limit moisture.

Size: S - XL

**Standard: EN388 2. 1. 2. 1.**



**1010108**

**1010108**

**Canadian Double Palm High Quality Rigger**

Heavy duty double palm rigger style glove. Generous hand size. Robust yet supple. Part fleece lined. Cotton drill back. Knuckle strap. Pasted cuff with vein patch.

**Standard: EN388 4 2 3 4**



**1010103**

**1010103**

**Stockinette Knitwrist**

Mens and Ladies Knitted stockinette glove. Lightweight. Many and varied uses, light handling of dry product. Makes an excellent liner.

**Minimal Risk.**



**2501222**

**2501222**

**Lined Saturn Yellow & Charcoal Jacket**

Reflective tape. Light fleece in collar and chin guard. Stormflap with zip and Velcro closure. Mobile pocket with Velcro closure on right chest. 2 hand pockets with zipper and snap closure. Click.on™ loops for additional accessories under flaps. Left inner pocket with Velcro closure. Rib cuff. Drawcord adjustment at hem. Extended back.

**Standard: EN471 - Class 2**



**2500113**

**2500113**

**Saturn Yellow Bodywarmer**

PU coating to hi-vis side. Reversible bodywarmer 'zipout'. Heavy duty zip. Grey polycotton lining on reverse. 2 zipped pockets on both sides. Mobile phone compartment on quilted side. Reflective Material.

Sizes: S - 3XL

**Standard: EN471 class 2.**



**2100336NVY**

**2100336NVY**

**Navy Blue Nylon B-Dri Suit**

Manufactured in lightweight nylon with PVC waterproof coating to the inside surface, fully taped seams. Jacket with Full zip front opening with attached hood/drawcord fully retractable into 'mandarin' collar, two lower front pockets concealed under wide flap, hip drawcord.

Trousers with elasticated waist, through access pockets and adjustable stud fastening at ankle.

Size: S - 5XL

Supplied Unbranded



**2501183**

**2501183**

**Saturn Yellow High Visibility Trousers**

Heavyweight PVC coated polyester. Elasticated waist. 2 position stud adjustment to legs. 2 Side pockets with storm flaps. Fully taped seams. Reflective Material.

Sizes: S - 6XL

**Standard: EN471 Class 1.**





**8010186**

**8010186**

**S3 Rigger Boot**

PU rubber. 200 Joule steel toe cap. Steel midsole protection. Shock absorber heel. Anti-static. Heat resistant to 300°C. Slip resistant. Water resistant leather upper.

Sizes: 6 - 12

Safety Category: S3. Slip Resistance: SRC.

**Standard: EN ISO 20345:2011 S3 SRC HRO**



**8011181**

**8011181**

**S3 Black Non Metallic Boot**

200 Joule composite toe cap. PU/RUBBER. Composite midsole protection. Shock absorber heel. Anti-static. Heat resistant to 300°C. Slip resistant. Water resistant leather upper. Honeycomb gel heel insole for excellent comfort.

Sizes: 3-13

Safety Category: S3-HRO. Slip Resistance: SRC.

**Standard: EN ISO 20345:2011 S3 SRC HRO**



**8010180**

**8010180**

**Tan Rigger Boot Unlined**

Dual density PU. 200 Joule steel toe cap. Steel midsole protection. Shock absorber heel. Anti-static. Slip resistant. Apollo leather upper.

Sizes: 4-13

Safety Category: S1-P. Slip Resistance: SRC.

**Standard: EN ISO 20345: 2011 S1P SRC**



**8010178**

**8010178**

**Tan Rigger Boot Lined**

Dual density PU. 200 Joule steel toe cap. Steel midsole protection. Shock absorber heel. Anti-static. Slip resistant. Acrylic fur lined. Apollo leather upper.

Sizes: 4 - 13

Safety Category: S1-P. Slip Resistance: SRC.

**Standard: EN ISO 20345: 2011 S1P SRC**



**1010164**

**Latex Gloves**

Kevlar knitted glove latex coated palm. High cut resistancy. Comfortable, allows hand to breath through back. Excellent grip.

Size: S - XL

**Standard: EN388 3.5.4.4**

**1010164**



**1010106**

**Grey PU Coated Gloves**

Nylon Glove. Polyurethane palm coated. Machine Knitted. Integral elasticated wrist. Ideal for handling light components.

Sizes: S - XL

**Standard: EN388 4 1 3 1.**

**1010106**



**1010103**

**Stockinette Knitwrist Super**

Mens and Ladies Knitted stockinette glove. Lightweight. Many and varied uses, light handling of dry product. Makes an excellent liner.

**Minimal Risk.**

**1010103**



**1010182**

**Nitrile Gauntlet Flocked Lined**

Unsupported nitrile glove. Overall Length 45cm. A high level of resistance to abrasion, solvents and animal fats. Pebble finish to palm. Food safe. Silicon and wax free

Sizes: L

**Standard: EN388 4 1 0 2. EN374 CAT 3 J K L**

**1010182**



**1010105**

**Blue Nitrile Examination Gloves**

Powder Free blue Nitrile Gloves. CE category III protective glove for complex risks. CE class I examination glove. Specially developed formulation and innovative production process. Excellent elasticity for good wearing comfort. Tested and certified according to 1935/2004 - suitable for food contact. Free from phthalates/softeners and allergenic latex proteins. Textured fingers. Medical device class 1. AQL 1.5

Sizes: S - XL

**Standard: EN 420, EN 374, EN455**

**1010105**



**620016**

**6200162**

**Green Holdall (Supplied Empty)**

Detachable / adjustable shoulder strap. Zipped side pocket. Internal baseboard. Protective base feet. Capacity 34 litres.

Material: 420D polyester.

Size: One Size

Dimensions: 50 x 25 x 25 cm



**1200115**

**1200115**

**Yellow Folding Ear Defender**

Premium quality ear defender. Adjustable fold away headband. Self aligned earcups. SNR 30db.

Standard: EN352-1



**1100118**

**1100118**

**Black Safety Bump Cap**

100% cotton baseball cap with ventilation holes. Fitted over a plastic shell providing lightweight head protection.

Standard: EN812 - 2012



**1100119**

**1100119**

**White Vented Safety Helmet**

Modern Stylish Design. ABS Shell. Vents to crown. Lightweight. 6 point webbing harness. Slip-ratchet headband adjustment. Slots for attachments. Complete with terry towelling sweatband.

Standard: EN397.



1300115

**1300115**

**Clear Colorado Safety Spectacles**

Wrap around single lens. Scratch resistant. Nylon frame. Anti-scratch and anti fog polycarbonate lens. Low impact and 99.9% UV protected. Adjustable side arms.

Standard: EN166 -1F



1301136

**1301136**

**Clear Yale Spectacles**

Ultra lightweight. Wrap around design. Contoured shape. Polycarbonate anti fog lens (PC lens). Soft nose bridge Non slip coloured rubber tips.

Standard: EN166 1.F



1300119

**1300119**

**Yellow Colorado Safety Spectacles**

Wrap around single lens. Scratch resistant. Nylon frame. Anti-scratch and anti fog polycarbonate lens. Low impact and 99.9% UV protected Adjustable side arms.

Standard: EN166 -1F



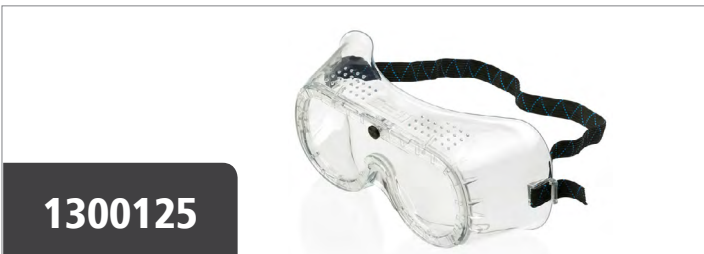
1300117

**1300117**

**Grey Colorado Safety Spectacles**

Wrap around single lens. Scratch resistant. Nylon frame. Anti-scratch and anti fog polycarbonate lens. Low impact and 99.9% UV protected Adjustable side arms.

Standard: EN166 -1F



1300125

**1300125**

**General Purpose Goggles**

Polycarbonate lens with PVC frame. Comfortable. Light weight. Direct vent. Optical class 1. Impact B (medium Energy)

Standard: EN 166 1 B 3  
Conforming to ANSI Z87.1.



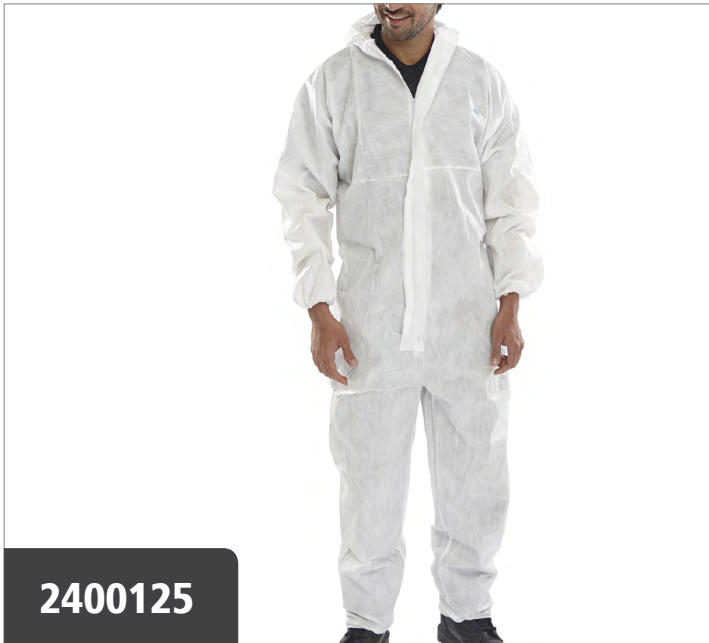
1300105

**1300105**

**Blast Goggle Clear PC**

An exceptionally wide field of vision. Fits over prescription spectacles. Anti-scratch. Anti-fog. Fits with respiratory half mask. Ventilated. 113g

Standard: EN166, EN170.



2400125

**2400125**

**White Disposable Boilersuit TYPE 5/6**

Protective coverall CE Type 5 & 6. For fine dust particles. Reduced spray and limited splash. 2 way zip front with storm flap. Elasticated cuffs, ankles, waist and hood. Breathable fabric. Individually packaged. Very economical.

Sizes: S - 3XL

**Standard: EN13034 :2005 + A1:2009. EN13982-1:2004 + A1:2010**



1400144

**1400144**

**White P3 Valved Mask**

Unique "Big Eye" design provides very low breathing resistance due to the increased filtration area. Polypropylene (P.P) outer layer provides smooth lining and avoids loose fibers. Embossed fringe seal avoids fluffy open layers around the edges. Adjustable head strap ensures the best facial seal with minimum leakage. Contour design ensures the compatibility of glasses / goggles and reduces fogging. Full facial close-cell foam and adjustable nosepiece ensure custom shape and increase the worker comfort and acceptance. Protection level FFP3 with exhalation valve. Sold in boxes / 5.

**Standard: EN149:2001**



2400115

**2400115**

**Tyvek Overshoes**

L = 40cm, with elastic on the ankle. Antistatic Treatment.



2400108

**2400108**

**PVC Overshoes**

High quality overshoes. Elasticated for extra grip around shoes. Anti-slip textured surface at the bottom. Tear resistant. Waterproof. Ideal for decorating to protect carpets and flooring. Size: 16" / 40CM.



8011709

**8011709**

**Black Protomaster Full Safety PVC Wellington**

Steel Toe Cap. Steel Mid-Sole. Oil Resistant Outsole. Antistatic. Energy Absorbing Sole. Waterproof. Cold insulating. S5

Sizes: 3-13

Safety Category: S5

Standard: ISO 20345 S5



8011133

**8011133**

**Black Leather / Mesh Safety Trainer**

Black leather/mesh safety trainer. Black leather/mesh safety trainer, Padded collar and tongue, Scuff trim, Steel toe cap and mid-sole, Rubber sole, chemical resistant sole, Oil resistant sole, Shock absorption sole, Anti static

Sizes: 6-12

Safety Category: S1-P Slip Resistance: SRA

Standard: CE EN ISO 20345 OR EN345:1:1993



8200119

**8200119**

**Snow and Ice Grips**

Boot grips. Improves traction in slippery conditions. Increased stability Reduces slipping or falling

Sizes: 7-10

## RETURNED GOODS POLICY

### Perfect Condition

Items returned to us must be in perfect, re-saleable condition in their original intact packaging, not defaced by stickers or marks. Returned items should be packaged inside an outer box to avoid being spoiled by postage labels etc.

### Notification of Return

A notification of your desire to return goods must be made within 5 working days of date of delivery. Once an RMA (Return Merchandise Authorisation) form is received we will contact you to confirm if the goods meet our acceptable criteria for return. If authorised a copy of the RMA form must accompany the goods back to us.

Return to stock items are subject to a handling charge of up to 20%.

It is essential to complete the form correctly for subsequent credit note or replacement goods to be issued.

No claims for shortages, non-delivery or damaged goods will be considered unless received in writing within 5 working days of date of delivery and invoice.

### Accepted Returns

No returns will be accepted after 5 working days from date of delivery for any reason. Returns received after this time or without the authorised form will result in your goods being returned to you.

### Non Stock Items

All products that are not standard stock lines are non-returnable unless indicated otherwise at the time of quote, order or order confirmation. These items fall outside of our standard supply chain and as such will almost certainly fall under the non-returnable category unless damaged or incorrect. In the unlikely event that a manufacturer will accept returns there will likely be a large restock and handling charge imposed on MTS. Any such charges will be passed on in full.



### Special Orders / Branded Products

Orders for special products and branded garments will only be accepted on receipt of a written order and where a design or position is new an artwork approval form must be signed and received by MTS prior to any work commencing. These items are non-returnable unless faulty or incorrect. The only time when branded garments will be accepted for return outside of the above statement is if you or your company have a signed supply contract / agreement in place and the branded goods form part of an underwritten agreement for stock lines.

### If we have made an error

If goods supplied by us were incorrect or faulty please notify us immediately and we will arrange to rectify the order to your satisfaction providing the goods shipped are still in saleable condition as detailed above.