



PRODUCT CATALOGUE 2014 

**WORK SAFELY  
WITH US! >>>>**



**ARK SAFETY**



**HEAD-TO-TOE PROTECTION**



## Welcome to Ark Safety

Ark Safety Equipment is a full-service supplier of quality PPE and workwear solutions serving customers throughout Ireland and the UK. We offer HEAD-TO-TOE PROTECTION solutions!

We serve customers operating in all sectors including food, aerospace, manufacturing, engineering, catering, construction, health care and facilities management. We are able to offer a comprehensive range of PPE and workwear solutions and where it is appropriate training on the correct use of these products. We represent many of the leading manufacturers of PPE in the Irish market including 3M, Peltor, Segre, Niroflex, Jallatte, Aimont, Sika, Ocean and many more and as a result we are able to satisfy the most demanding of safety requirements.

We operate from a modern warehouse facility located in Finglas, Dublin which is 10 minutes from Dublin Airport and 5 minutes from the Finglas exit of the M50. We are able to offer a comprehensive range of PPE and workwear solutions to satisfy the most demanding of safety requirements.

### Our portfolio of solutions includes:

- Head Protection
- Hearing Protection
- Eye and Face Protection
- Respiratory Protection
- Hi-Visibility Clothing & Corporate Wear
- Chainmail
- Disposable Garments
- Hand Protection
- Footwear
- Aviation Lock-Out
- Miscellaneous PPE including Spill Control, Fall Arrest and First Aid

## The Ark Safety Value Proposition

At Ark Safety, we try to do things differently. We see ourselves as a friendly company with a personal touch. Our staff have many years' experience and our objective is to make it as easy as possible to do business with us. We can offer you the right products at the right price backed up by a superior personalised service.

**We look forward to you WORKING SAFELY WITH US!**



**Work Safely with Us!**



## Our Brands

**3M**

**PELTOR™**



**Gaston // MILLE™**



**niroflex™**

**manabo™**





# Our Products

We offer a complete range of **HEAD-TO-TOE PROTECTION** solutions.

**Head Protection:** Our range of head protection products including helmets and bump caps. All our head protection products meet the relevant EN 812 or EN 397 standards and we are an authorised distributor of the 3M Peltor brand in Ireland.

**Hearing Protection:** We offer a complete range of 3M, 3M E.A.R. and 3M Peltor hearing protections solutions including ear plugs and ear muffs. We have worked with 3M Peltor for many years and we are an authorised distributor for this leading brand in Ireland.

**Eye and Face Protection:** Our range of 3M and 3M Peltor eye and face protection solutions includes safety spectacles, goggles, visors and integrated eyewear protection products. Our range of eyewear gives you a variety of modern and stylish products to choose from. All safety spectacles and goggles protect the eyes from a wide range of hazards and are available with a selection of coatings, lens types and accessories. All of our products meet the relevant EN 166 standard.

**Respiratory Protection:** We offer a complete range of respiratory protection solutions from some of the industry-leading manufacturers including 3M, Segre, Makirite, Puralite and Bartells & Rieger. We offer everything from simple face masks to valved respirators to powered head shields and full hood respirators.

**Hi-Visibility Clothing & Corporate Wear:** We offer a complete range of hi-visibility workwear and high quality workwear from leading manufacturers including Oyster, Ocean and Blåkläder.

**Chainmail:** We are the official distributor in Ireland of the Niroflex and Manabo range of high quality chainmail products from Friedrich Münch. We offer gloves, gauntlets, aprons and boleros. In conjunction with Friedrich Münch we offer a fast, efficient and cost effective reconditioning service.

**Disposable Garments:** Our comprehensive range of disposable garments includes gloves, aprons, suits, overshoes, oversleeves, coveralls and mop caps.

**Hand Protection:** We offer a complete range of high quality hand protection solutions in vinyl, PVC, nitrile, PU, polyester and cotton. We are an official distributor of Polyco products in Ireland.

**Footwear:** Our comprehensive range of footwear solutions is sourced from some of Europe's leading specialist manufacturers and includes well-known brands such as Aimont, Jallette, Trucker, Gaston Mille, Sika and Ocean. Whatever the application we will find a solution.

**Aviation Lock-Out:** We offer the Masterlock aviation lock-out programme.

**Miscellaneous PPE:** We offer a range of fall arrest, spill control and first-aid solutions.



## Index

page **3**



page **7**



page **19**



page **25**



page **35**



page **67**



page **75**



page **81**



page **93**



page **107**



page **111**



# The Ark Safety Difference

We aim to offer all our customers a comprehensive range of quality PPE and workwear solutions at competitive prices backed up by professional customer care, expert product and regulatory knowledge and after sales service.

## Range

We offer thousands of quality PPE and workwear products. We represent many of the world's leading brands of PPE and workwear in the Irish market.

## Service

We offer a personalised service designed to ensure that you get exactly the products that you need, when you need them.

## Pricing

Our prices are always competitive and designed to offer our customers value for money.

## Logistics

All orders received before 4.00pm are dispatched for next-day delivery from our modern distribution centre located in Finglas, Dublin. We offer 95% stock availability on stock items.

## Product & Regulatory Knowledge

Our expert team offers unparalleled product and regulatory knowledge. The team is available to answer any questions that you might have in respect of safety policy, safety regulations, and safety solutions.

## Logo Service

We offer a full garment logo and embroidery service.

## Site Surveys

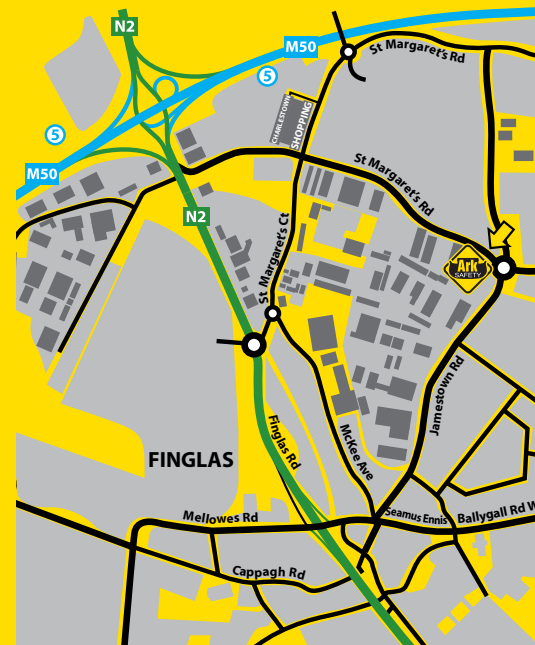
We can organise and manage site surveys to better determine your detailed safety requirements.

## Training

Together with our supplier partners, we can tailor training programmes to ensure that your staff is completely up-to-date on the correct use of their PPE.



## Dublin



## How To Order

Our professional internal sales team is ready to take your order or answer any queries you might have by phone, fax or email.

T: +353 1 834 0388

F: +353 1 834 0343

E: [sales@arksafety.ie](mailto:sales@arksafety.ie)

W: [www.arksafety.ie](http://www.arksafety.ie)

Our sales office is open during the following hours:

Monday - Thursday: 8.30 to 17.00

Friday: 8.30 to 16.00



**1** *Head Protection*





## Choosing Head Protection



**PELTOR™**



### EN 397 Standard

The EN 397 standard for **Safety Helmets** requires each helmet to bear a moulded or printed marking featuring the following indications:

- a) the European standard number
- b) the name or the manufacturer identification mark
- c) date of the quarter and the year of manufacture
- d) the helmet type
- e) the size or size range

Further indications, like instructions or recommendations of adjustment, assembling, use, cleaning, disinfecting, maintenance, revision and storage, are specified in the instructions for use. The standard requires a helmet to pass mandatory tests including shock absorption, resistance to penetration, flame resistance and chinstrap anchorage.

There are additional options within **EN 397:**

- **-20°C / -30°C** - Protection at low temperature
- **440V a.c.** - Short term protection from accidental contact with conductors up to this voltage
- **LD** - Some protection from lateral deformation
- **MM** - Molten metal splash test

### EN 812 Standard

The EN 812 standard relates to Industrial **Bump Caps**, which are intended to provide protection against collision with a stationary object – bumping against scaffolding etc. A bump cap does not provide protection against falling or thrown objects and should not be used where a safety helmet is required.

### Materials

**Shells** are primarily made using UV stabilised HDPE (High Density Polyethylene) or ABS (Acrylonitrile Butadiene Styrene).

**Harnesses** are normally made using low density Polyethylene or Terylene webbing.

### Accessories

- Chinstraps
- Sweatbands
- Replacement harnesses, low density polyethylene or terylene webbing
- Wheel ratchet or slip ratchet fastening
- Helmet mounted lights
- Eye protectors
- Face visor
- Helmet mounted earmuffs

### Care & Maintenance

The helmet or bump cap shell may be cleaned with soap and water, drying with a soft cloth. They should not be cleaned with abrasive substances or solvents and must not be stored in direct sunlight or in contact with chemicals. Helmets should be regularly inspected by the wearer. Any helmet showing more than superficial abrasions or scuffing to the shell should be replaced. Given the treatment that most head protection receives, it is unlikely that it would offer adequate protection after 2 years general usage.





**PELTOR™**  
**G2000 Helmet** code: AHP004W

**colours:**

## features:

- ▶ Attractive design and excellent protection
- ▶ More ventilation holes distributed over a larger area
- ▶ Reversible lining for maximum visibility
- ▶ Space for optional customised print
- ▶ Neck protection for the sensitive neck area
- ▶ Comfortable and top-quality finish
- ▶ Easy to adjust headband
- ▶ Unique Peltor™ Uvicator technology with disc that tells you when it's time to replace your helmet
- ▶ Attachment point for accessories such as ear muffs, headsets and visors
- ▶ Easy to replace sweatband for highest comfort and hygiene
- ▶ Conforms to EN 397



**PELTOR™**  
**G3000 Helmet** code: AHP/G3000/W

**colours:**

## features:

- ▶ Attractive slim design and excellent protection
- ▶ More ventilation holes distributed over a larger area
- ▶ Stable shape and shorter peak
- ▶ Reversible lining for maximum visibility
- ▶ Space for optional customised print
- ▶ Comfortable and top-quality finish
- ▶ Easy to adjust headband
- ▶ Unique Peltor™ Uvicator technology with disc that tells you when it's time to replace your helmet
- ▶ Attachment point for accessories such as ear muffs, headsets and visors
- ▶ Easy to replace sweatband for highest comfort and hygiene
- ▶ Conforms to EN 397

## Sun-Smart Sensor

for Increased Hard Hat Safety

With the **Uvicator™ Sensor**, you'll know when your hard hat's been in the sun too long

## Hard Hat Status:

red ▶



**NEW**

fading to white ▶



**WORN**

white ▶



**REPLACE**

Professional hard hats help protect the wearer by absorbing impact energy. Over time, the sun's UV rays can cause a hard hat shell to become brittle and compromise its ability to protect the wearer. With the 3M™ H-700 Series Hard Hat with Uvicator™ Sensor, you'll know when it's time to replace a hard hat due to extended UV exposure. The sensor changes color from red to white as the hard hat is exposed to UV light, alerting the wearer that it's time for a replacement. This innovative, award-winning, lightweight hard hat offers all the features and performance of the H-700 series, and now with the addition of the Uvicator sensor, it's an even better choice for extended comfort and protection.



# Work Safely with Us! >>>

**Ark Safety Equipment Ltd** 1 Mygan Business Park, Jamestown Road, Finglas, Dublin 11  
T: +353 1 834 0388 F: +353 1 834 0343 W: [www.arksafety.ie](http://www.arksafety.ie) E: [sales@arksafety.ie](mailto:sales@arksafety.ie)

page **6**



## 3M Helmet Sweat Band code: AHP/HYG4

### features:

- Easy to replace for higher comfort and hygiene
- Also available in soft leather



## 3M Standard Helmet Sweat Band

code: AHP/HYG4

### features:

- Easy to replace for higher comfort and hygiene



## 3M Chinstrap

**G1 Chinstrap for G3000 / G3001** code: AHP/GH4

**G2 Chinstrap for G2000** code: AHP/GH2

### features:

- Replacement Chinstraps are available for all Peltor™ Safety Helmets
- Part number for the replacement chinstrap is GH2 Chinstrap for G2000 Safety Helmet



## Standard Safety Helmet

code: AHP001R

**colours:**     

### features:

- UV resistant high density polyethylene safety helmet
- Low density polyethylene harness with 8 fixing points
- Manual adjustment
- Electrical insulation up to 1000VAC or 1500VDC
- Conforms to EN 397



◀ bump cap insert



## Baseball Bump Cap code: AHP003G

**colours:**     

### features:

- Baseball style bump cap
- Protective HDPE liner
- Fully adjustable for a perfect fit
- 6 ventilation ports, large area for customised logo
- 5 colours available
- Short peak and wipeable styles
- Conforms to EN 812



## **2** *Hearing Protection*





## Smart Solutions and Easy Communication 3M EAR PELTOR™

**Excessive noise and hearing loss.** Excessive levels of noise can damage the sensory “hair” cells that process mechanical energy into the tiny electrical nerve impulses that our brain perceives as sound. Hearing loss caused by exposure to noise at work continues to be a significant occupational illness.

Exposure to noise may also cause tinnitus, which is a sensation of noises (such as ringing or buzzing) in the ears. This can occur in combination with hearing loss. Providing adequate hearing protection for your employees is vital in order to avoid the short-term disruption of employee ill health, the longer term likelihood of employees having permanently impaired hearing, and the possibility of costly future litigation against the employer.

**The dangers of over protection.** It may be tempting to pick the hearing protection with the highest level of protection (or attenuation), however ‘over attenuation’ can bring its own problems. If the sound level at the ear is reduced too far, the wearer can become isolated, unable to hear colleague’s voices, moving vehicles, warning sounds, or alarms.

**Changing regulatory requirements.** Under the Safety, Health and Welfare at Work (General Application) Regulations 2007 (S.I. No. 299 of 2007) a Limit Value of 87dB(A) at the ear must not be exceeded, and hearing protection must be made available where the sound levels are at or above 80dB(A), and strictly enforced where the sound levels reach or exceed 85dB(A). Whilst a reduction in sound level by 5dB(A) may not at first glance appear significant, it is worth noting that a reduction of just 3dB(A) roughly equates to halving the sound energy level.

**Hearing protection range.** Our hearing protection products are designed to provide protection, comfort and ease of use. Sometimes you may have to use hearing, head or face protection products together. To meet this need we also have a selected range of high quality safety helmets, visors and face shields.

**Controlling noise at work.** It is common practice that a “real world” derating factor of 4dB be applied to all hearing protection equipment. This means that when calculating the actual protection level offered by hearing protection equipment, 4dB should be deducted from the manufacturer’s own predicted attenuation figure.

The reason for doing this is that it is believed that not everyone will achieve the same level of attenuation with an identical piece of equipment. If the hearing protection equipment is not correctly fitted, then a lower level of protection will be achieved. Protection levels will also suffer if the hearing protection equipment is dirty or poorly maintained or if there are compatibility issues with other personal protective equipment, all of these will potentially have a significant impact on effectiveness.

Another way of applying “real world” attenuation and derating is to add 4dB to the calculated sound pressure level (LA) at the ear under the hearing protection equipment worn. However it is important to note that derating does not apply to the assessment of hearing protector performance against peak noise.

**Single Number Rating (SNR)** - This is a general form of rating a products performance. In short the higher the SNR the better performance of that specific product across a range of noise frequencies. If a product performs with an SNR rating of 33 it may not give 33 decibel reduction of noise at all frequencies. The performance data associated with H, M and L give the user an indication of noise reduction at the High, Medium and Low frequencies.

Comparison of Old Directive (86/188/EEC) to New (2003/10/EC)		
HEARING PROTECTIVE MEASURE	OLD DIRECTIVE Noise Level	NEW DIRECTIVE Noise Level
Warning Signs Posted in Work Areas	90 dBA	85 dBA
Hearing Protectors Available	85 dBA	80 dBA
Hearing Protection Required	90 dBA	85 dBA
Training of Exposed Workers	85 dBA	80 dBA
Noise Reduction Program	90 dBA	85 dBA
Protected Exposure Limit	N/A	87 dBA

### European Standards

All listed Hearing Protection is tested and marked to the relevant European Standards and CE Marked

- EN 352 **Part 1** - Ear Muffs
- EN 352 **Part 2** - Ear Plugs
- EN 352 **Part 3** - Helmet Mounted Ear Muffs
- EN 352 **Part 4** - Level Dependant Ear Muffs
- EN 352 **Part 5** - Active Noise Reduction Ear Muffs
- EN 352 **Part 6** - Ear Muffs With Electrical Audio Input
- EN 352 **Part 7** - Level Dependant Ear Plugs





### **EAR** Foam Ear Plug code: AH1100

#### **features:**

- Soft, hypo-allergenic polyurethane foam offers maximum wearer comfort
- Smooth, dirt-resistant surface
- Tapered design fits most ear canals
- Available corded (3M 1110)
- Aluminium tube designed to hold 1 pair of plugs
- SNR: 37dB
- Conforms to EN 352-2



### **EAR** Superfit Ear Plug

code: AH047

#### **features:**

- The 3M™ E-A-R™ Superfit earplugs are the only earplug with the unique 'fitting ring' to which identifies when the earplug is correctly fitted
- SNR: 36dB
- Conforms to EN 352-2



### **EAR** Soft FX Corded Ear Plug code: AH046

#### **features:**

- The 3M™ E-A-R™ E-A-RSoft™ FX earplug is the highest protecting earplug in our range today
- With its smooth tapered finish, this earplug makes fitting easier and helps form a comfortable fit
- The flange shape, when rolled down, serves as a very effective insertion device which makes the earplug very easy to fit
- SNR: 39dB
- Conforms to EN 352-2



### **EAR** Earsoft Metal Detectable Ear Plug code: AE039

#### **features:**

- Made from slow expanding polyurethane foam material that gives evenly distributed pressure allowing flexibility and a good seal with optimum comfort
- With the added benefits of a blue metal detectable cord and an integral stainless steel ball in the non-food blue earplug
- Ideal for use in the food manufacturing industries
- SNR: 36dB
- Conforms to EN 352-2



### **EAR** Classic Ear Plug

code: AH1100

#### **features:**

- The 3M™ E-A-R™ Classic Ear Plugs are made from a soft energy absorbing polymer foam which provides excellent hearing protection and all day comfort
- Ideal for use where noise is a problem, either in work or leisure activities
- 250 per box
- SNR: 28dB
- Conforms to EN 352-2



### **EAR** Soft Corded Ear Plug

code: AH037 / code: AH037A (case of 200)

#### **features:**

- These corded foam earplugs feature soft, slow-recovery foam for comfort and outstanding noise reduction
- Soft foam earplugs are easy to roll down and insert, then expand within the ear canal for a comfortable, secure fit
- SNR: 36dB
- Conforms to EN 352-2



### **EAR** Push In Corded Pod Ear Plug code: AH045

#### **features:**

- The 3M™ E-A-R™ Push-Ins™ Earplugs revolutionise hearing protection with more advantages than any other form of earplugs
- No roll down is required, a gentle push is all it takes for easy, consistent insertion
- SNR: 36dB
- Conforms to EN 352-2



### **EAR** Foam Corded Ear Plug

code: AH1130

#### **features:**

- Soft and flexible earplug
- Flexible design allows it to conform to the wearer's ear canal, enhancing comfort
- Soft braided cord for convenience
- SNR: 28 dB
- Conforms to EN 352-2

### **The 4Cs of hearing protection**

In developing an 2003/10/EC Directive-compliant hearing conservation program in your workplace,

it is ideal to apply the 4Cs in the selection of your hearing protectors:

**Comfort:** The right hearing protector should feel good in the ear or on the head

**Communication:** The right hearing protector should allow you to clearly communicate with co-workers

**Convenience:** The right HPD should be easily accessible to workers on the job site

**Caring:** Demonstrate that hearing protection is important - not just another rule



**EAR**

## Tracers Food Industry Ear Plug code: AH001C

### features:

- The unique one size 3M™ Tracer™ Earplug fits most ear canals comfortably and provides high levels of attenuation with the added benefits of being metal detectable
- The reusable earplug incorporates a blue metal detectable cord which makes it ideal for the food manufacturing industry, also moisture resistant and comes with a cord
- SNR: 32dB
- Conforms to EN 352-2



**EAR**

## Soft FX Corded Ear Plug code: AH004

### features:

- 3M™ E-A-R™ Caps feature comfortable foam caps on a flexible band block the ear canal opening
- Flexible band holds caps in place
- Easy to put on and remove
- Band is worn under the chin
- Ideal for intermittent protection needs
- SNR: 23dB
- Conforms to EN 352-2



**EAR**

## Ultrafit Pre-Moulded Ear Plug

code: AH050

### features:

- This superb reusable earplug comes packed in a plastic reusable container providing hygienic storage
- Made from a polymer formulation, the comfortable triple flanged tip provides SNR of 14/20db – different versions are available for various uses; traceable, high and low attenuation versions
- Conforms to EN 352-2



**EAR**

## Soft FX Corded Ear Plug code: AH043

### features:

- Lightweight semi-aural hearing protector
- Ideal when moving in and out of high noise areas, fitting comfortably around the neck when not in use
- Replacement pods are available for increased economy
- Conical shaped pods can swivel to align with the ear canal, providing a move resistant seal against noise
- SNR: 21dB
- Conforms to EN 352-2



**EAR**

## Classic Earplug Dispenser

code: AH005D

### features:

- 3M™ E-A-R™ allows users to dispense a variety of 3M™ E-A-R™ earplug refills
- One-Touch™ is the most reliable delivery system in the world and can be used on a table top or wall mounted with easy access for the user from all sides
- SNR: 28dB
- Conforms to EN 352-2



**3M**

## Plastic Ear Plug Wall Dispenser

code: AH/MD-01-002

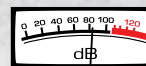
### features:

- Refillable foam ear plug dispenser with 1000 pair of 3M™ Soft Foam Ear Plug
- SNR: 34dB
- Conforms to EN 352-2





**PELTOR™ OPTIME I**



Protection Level:  
**87dB(A) - 98dB(A)**



**PELTOR™**

### **Optime I H510 Headband Ear Muff** code: AH010

#### **features:**

- ▶ Optime I is very versatile protection, characterised by its lightness
- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 27dB
- ▶ Conforms to EN 352-1



**PELTOR™**

### **Optime I H510 Neckband Ear Muff**

code: AH011

#### **features:**

- ▶ Optime I is very versatile protection, characterised by its lightness
- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 26dB
- ▶ No headband for excellent fit with other head worn PPE equipment
- ▶ Conforms to EN 352-1



**PELTOR™**

### **Optime I H510 Helmet Mounted Ear Muff** code: AH021

#### **features:**

- ▶ Optime I is very versatile protection, characterised by its lightness
- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 27dB
- ▶ Conforms to EN 352-1

**PELTOR™**

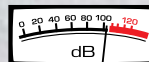
### **Optime I H510 Folding Headband Ear Muff** code: AH010F

#### **features:**

- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 28dB
- ▶ Easy-to-store solution
- ▶ Conforms to EN 352-1



## PELTOR™ OPTIME II



Protection Level:  
**94dB(A) - 105dB(A)**



**PELTOR™**

### **Optime II H520 Headband Ear Muff**

code: AH018

**features:**

- ▶ The Peltor Optime II Ear Muff has been developed for demanding noisy 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 agreeable comfort even during long-term use
- ▶ Typical applications: mining, marine, airports, power station
- ▶ Protection Level: 94dB(A) - 110dB(A)
- ▶ Attenuation rating (SNR): 30dB
- ▶ Hearing protection type: passive earmuff
- ▶ Hearing protection style: standard headband and helmet mountable ear muffs
- ▶ Conforms to EN 352-1

**PELTOR™**

### **Optime II H520 Neckband Ear Muff**

code: AH013

**features:**

- ▶ Optime II has been developed for demanding noise-hazard environments
- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 31dB
- ▶ No headband for excellent fit with other head worn PPE equipment
- ▶ Conforms to EN 352-1

**PELTOR™**

### **Optime II H520 Helmet Mounted Ear Muff**

code: AH022

**features:**

- ▶ Optime II has been developed for demanding noise-hazard environments
- ▶ Muffles even extremely low frequencies to a maximum degree
- ▶ Sealing rings are filled with a unique combination of liquid and foam
- ▶ Result is an optimum seal with low contact pressure, which provides snug comfort even during long-time use
- ▶ 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
- ▶ Attenuation rating (SNR): 30dB
- ▶ Conforms to EN 352-1





**PELTOR™ OPTIME III**



Protection Level:  
**95dB(A) - 110dB(A)**



**PELTOR™**

### **Optime III H540 Headband Ear Muff**

code: AH014

#### **features:**

- ▶ The Peltor Optime III ear muff is a high performance hearing protector and has been developed for use in extremely noisy environments
- ▶ The protection is based on a technology with a double casing minimising resonance in the holder casing resulting in maximum high-frequency attenuation
- ▶ An acoustic connection between the inner volume and the volume between the casings in its turn provides maximum low-frequency attenuation
- ▶ The sealing rings are broad and filled with soft plastic foam for the best fit and low contact pressure
- ▶ The Peltor Optime III ear muff stands for effective protection and highest comfort for the wearer
- ▶ Typical applications: mining, marine, airports, power station
- ▶ Protection Level: 95dB(A) - 110dB(A)
- ▶ Attenuation rating (SNR): 35dB
- ▶ Hearing protection type: passive earmuff
- ▶ Hearing protection style: standard headband ear muffs
- ▶ Conforms to EN 352-1

**PELTOR™**

### **Optime III H540 Neckband Ear Muff**

code: AH015

#### **features:**

- ▶ Optime III is a super-muff, and has been developed for use in extremely noisy environments
- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 35dB
- ▶ No headband for excellent fit with other head worn PPE equipment
- ▶ Conforms to EN 352-1

**PELTOR™**

### **Optime III H540 Helmet Mounted Ear Muff**

code: AH023

#### **features:**

- ▶ Maximum high and low frequency muffling, still easy to understand speech and signals
- ▶ Even pressure distribution via unique 2 point attachment
- ▶ Height adjustment and flexible adaption to size and shape of head
- ▶ Combines well with other PPE
- ▶ Cup design offers generous depth ensuring the ear rests comfortably
- ▶ Fluid and foam filled sealing rings give optimum sealing and low contact pressure: ensures comfort during long term wear, and a snug fit for spectacle wearers
- ▶ Attenuation rating (SNR): 34dB
- ▶ Conforms to EN 352-1



**PELTOR™**

## **Optime II Push To Listen Headband Ear Muff** code: AH017A

### **features:**

- ▶ Optime Push to Listen is an Electronic-Passive Ear Defender which ensures that ears are never exposed to harmful noise levels
- ▶ Pushing a button to listen, the ear defender opens up so that the wearer can hear speech and warning signals, the function automatically shuts off after 30 seconds and can, of course, be closed prior to this if wanted
- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 26dB
- ▶ Conforms to EN 352-1



**PELTOR™**

## **Optime II Push To Listen Helmet Attachment** code: AH017

### **features:**

- ▶ Optime Push to Listen is an Electronic-Passive Ear Defender which ensures that ears are never exposed to harmful noise levels
- ▶ Pushing a button to listen, the ear defender opens up so that the wearer can hear speech and warning signals, the function automatically shuts off after 30 seconds and can, of course, be closed prior to this if wanted
- ▶ Extremely low profile and light to make it easy to team with other equipment
- ▶ Generous inside depth to help the ears rest comfortably
- ▶ Soft and wide sealing rings filled with a unique combination of foam and liquid to offer optimum sealing and low pressure
- ▶ High attenuation despite lightness and low profile: SNR 26dB
- ▶ Helmet attachment
- ▶ Conforms to EN 352-1



**PELTOR™**

## **Ground Mechanic Hi Vis Ear Muff** code: AH/MT

### **features:**

- ▶ The earphones provide superb sound reproduction even in extremely noisy environments
- ▶ The headset has an electret microphone amplifier. Individually sprung headband wires of stainless spring steel provide an even and consistent distribution of pressure around the ears
- ▶ High attenuating cups with optimised acoustic design and excellent space for the ears for best possible sound quality and comfort
- ▶ Low, two-point fasteners and easy height adjustment with no protruding parts
- ▶ Fitted microphone with excellent suppression of ambient noise for clear and reliable communication
- ▶ Soft, wide foam and fluid-filled sealing rings with built-in pressure evening channels provide low pressure, effective sealing and ideal comfort
- ▶ Microphone arm that allows quick and easy adjustment to set distance, length, height, angle
- ▶ Supplied with connection cord, insulated with flexible polyurethane and with a moulded connector
- ▶ Compatible with HSMP-1 GB coiled extension cable
- ▶ Weight: 420g
- ▶ Attenuation rating (SNR): 25dB
- ▶ Conforms to EN 352-1





**PELTOR™**

### Adaptor Cable for Ground Mechanic Ear Muff

code: AH/FL5006

#### features:

- Simple and easy connection between headset and adaptor
- Two 1.5V AA batteries or Peltor rechargeable battery, can provide long, reliable operation



**PELTOR™**

### Protac II MT15H7B2 SV Headset

code: AH049

#### features:

- Electronic level dependant hearing protector that lets you hear ambient sound: conversation, machine sounds and warning signals
- Improves communication and safety
- Level dependent function in stereo tht lets you hear ambient sound: conversation, machine sounds and warning signals
- Plenty of space for the ear
- Last setting is stored when switched off
- Headset option with guide-mounted microphone
- Three colour options: military green, red, black
- Automatic shut-off after two hours if no function is used
- Battery life is about 1000 hours, warning signal when power is low, before shut-off
- Audio input jack for external radio
- Available as bluetooth headset (A2DP profile)
- Not compatible with WS adapters
- Attenuation rating (SNR): 32dB
- Weight: 355g
- Industrial segments: hunting / shooting, military
- Available as a headband design (MT15H7A2) or neckband design (MT15H7B2)
- Conforms to EN 352-1



**PELTOR™**

### Cable for Protac Ear Muff

code: AH048/A

#### features:

- Connect your music to your muffs for great sound and protection
- This cable lets you enjoy the protection of your tactical muffs while you listen to your iPod, CD player, scanner, radio or cell phone



**PELTOR™**

### M60/2 Ambient Microphone Cover for Peltor Protac

code: AH042B

#### features:

- Wind-shielding and ambient noise microphone cover
- For use with Pro-tac ear muffs





## PELTOR™

### **Peltor MT53H7A4400 Lite Com Basic Head Band Ear Muff** code: AH/LITE

#### **features:**

- ▶ Electronic voice notification of function chosen, allowing user to change functions without removing product
- ▶ Communicates on eight channels, 446 MHz band
- ▶ Up to 2km range
- ▶ Tone-selective signalling enables communication among several users on same channel
- ▶ Conforms to EN 352-1



## PELTOR™

### **M2RX7A Alert AM/FM Radio Electronic Ear Muff** code: AH042

#### **features:**

- ▶ All-purpose noise-reduction headset with AM/FM radio receiver
- ▶ Ideal for work, shooting events, races or professional landscaping
- ▶ Electronic listening capability; listen to favorite station without being isolated
- ▶ Audio jack for both radio and scanner connections
- ▶ Attenuation rating (SNR): 24dB
- ▶ Conforms to EN 352-1



## PELTOR™

### **HRSX7A-01 FM Radio Electronic Ear Muff** code: AH040

#### **features:**

- ▶ Radio hearing protector headset
- ▶ Protect your hearing and listen to the radio – at the same time
- ▶ Designed for people who work outdoors – forestry, landscaping, mowing lawns, hobbies, etc.
- ▶ Extra wide, soft, padded head band distributes weight while two-point suspension exerts low pressure for comfortable, long-term use
- ▶ Soft, liquid and foam-filled ear cushions provide added comfort
- ▶ Audio input for MP3 player
- ▶ Attenuation rating (SNR): 32dB
- ▶ Headset Style: over the head
- ▶ Battery lifetime: 200 hours
- ▶ Weight: 340g
- ▶ Industrial segments: agriculture and horticulture forestry
- ▶ Connection type: standard, audio jack
- ▶ Headset function: FM radio
- ▶ Conforms to EN 352-1



**PELTOR™**

### **MT1H7F2WS3 Tactical XP Bluetooth Electronic Ear Muff with Dynamic Microphone** code: AH016

#### **features:**

- ▶ The Peltor™ WS tactical™ XP electronic level dependent bluetooth headset features include:
- ▶ Wireless connection via Bluetooth to communication radio, DECT or mobilephone
- ▶ Level dependent function that lets you hear ambient sound: conversation, machine sounds and warning signals
- ▶ Electronic voice guided menu system
- ▶ Equipped the following functions: volume for the level dependent function, balance, adjustable release time, equalizer, volume for external input
- ▶ Plenty of space for the ear
- ▶ Last setting is stored when switched off
- ▶ Automatic shut-off after two hours if no function is used
- ▶ Warning signal when power is low, before shut-off
- ▶ Conforms to EN 352-1



### **Economy Ear Muff** code: AH036

#### **features:**

- ▶ Lightweight and robust ear defender providing cost effective protection
- ▶ Attenuation rating (SNR): 23dB
- ▶ Conforms to EN 352-1



## **PELTOR™ ACCESSORIES**

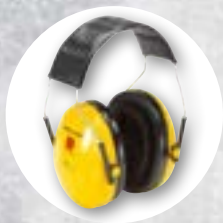


**PELTOR™**

### **HY73 Hygiene Kit for High Attenuation Headsets** code: AH031

#### **features:**

- ▶ Attenuation rating (SNR): 32dB+
- ▶ Extends the life of earmuffs/headsets
- ▶ Ensures good function and hygiene
- ▶ Avoid wearing uncomfortable earmuffs



## PELTOR™

### **Optime I Hygiene Kit**

code: AH032

#### **features:**

- ▶ Extends the life of earmuffs/headsets
- ▶ Ensures good function and hygiene
- ▶ Avoid wearing uncomfortable earmuffs



## PELTOR™

### **HHY3 Optime II Hygiene Kit**

code: AH030

#### **features:**

- ▶ Extends the life of earmuffs/headsets
- ▶ Ensures good function and hygiene
- ▶ Avoid wearing uncomfortable earmuffs



## PELTOR™

### **Hygiene Kit for Ground Mechanic Headset** code: AH/HK1

#### **features:**

- ▶ Extends the life of earmuffs/headsets
- ▶ Ensures good function and hygiene
- ▶ Avoid wearing uncomfortable earmuffs



### **3** *Eye & Face Protection*





## Why do you need to protect your eyes?

**Eye injuries, whatever the source, can result in anything from simple irritation to total blindness.**

**MECHANICAL HAZARDS** Examples: impact, solid particles

**THERMAL HAZARDS** Examples: hot liquids splash, flame

**RADIATION HAZARDS** Examples: ultraviolet, infrared, visible light, laser

**ELECTRICAL HAZARDS** Examples: direct contact, short-circuit electric arc

**CHEMICAL OR BIOLOGICAL HAZARDS** Examples: acids, solvents, alkalis, splash, infected blood



## World leader in safety and personal protective equipment **3M** **PELTOR**™

### Eyewear

Our range of eyewear gives you a variety of modern and stylish products to choose from. All safety spectacles and goggles protect the eyes from a wide range of hazards and are available with a selection of coatings, lens types and accessories.

### Comfort

Many of our products come with adjustable features and soft materials at points of contact in order to improve fit and comfort to accommodate different face sizes and shapes.

### Compatibility

Eye protection often needs to be worn in conjunction with other protective equipment and it is essential that comfort and fit with other PPE (Personal Protective Equipment) is maintained. Much of our eyewear range can be used in combination with same manufacturer's respiratory and hearing protection. Compatibility with other PPE will be subject to a number of variable factors which requires the employer end user to conduct an appropriate selection depending on individual needs.

### Guide to choosing eyewear by hazard or application

This guide is an outline only and should not be used as the only means of selecting eye protection.

#### Choice of product by hazard

RISK	SPECTACLES	GOGGLES
Optical radiation (e.g. UV, IR)	•	•
High speed particle at Low energy (F)	•	•
Medium energy (B)		•
Liquid droplets		•
Large dust particles		•
Gas and fine dust particles		•
Molten metal and hot solids		•
High speed particle at extreme temperature (T)	•	•

#### Choice of product by application

APPLICATION	SPECTACLES	GOGGLES
Visitors	•	
Grinding		•
Turning	•	•
Assembling	•	•
Cold Metal Working	•	•
Hot Metal Working		•
Painting		•
Laboratory - Acids		•
Laboratory - Dust		•
Laboratory - Hospital		•
Outdoor	•	
Chemical splash		•
Chemical gas		• (non vented)





**The Standard:** *EN 166* is the standard to which all eye protection should be manufactured and within this standard there are a number of considerations shown as markings on the equipment and on the instructions for use leaflet supplied with your eye protection, they include: **Optical Class**, **Mechanical Strength**, **Field of Use** and **Optional Requirements**

## All about the markings

EN 166	FRAME	LENS
<b>Optical Class</b>		
refractive tolerance + 0.06 dio		1
refractive tolerance + 0.12 dio		2
refractive tolerance + 0.12/-0.25 dio		3
<b>Mechanical Strength</b>		
increased robustness		S
low energy impact (45m/s)	F	F
medium energy impact (120m/s)	B	B
high energy impact (190m/s)	A	A
<b>Field of Use</b>		
liquids (chemical)	3	
large dust particles	4	
gas/fine dust particles	5	
short circuit electric arc	8	
molten metals/hot solids	9	9
<b>Optional Requirements</b>		
resistance to misting		N
resistance to scratching		K

## Example of lens marking according to EN 166

<b>2-1,2</b>	scale number of filters (optional)	
<b>W</b>	manufacturer's identification code	
<b>1</b>	symbol of optical class	<b>optical class 1</b> = best class <b>optical class 2</b> = medium quality <b>optical class 3*</b> = low quality *not for continuous use
<b>F</b>	symbol of mechanical strength (optional)	no symbol - minimum robustness <b>S</b> - increased robustness <b>F</b> - low energy impact (45 m/s) <b>B</b> - medium energy impact (120 m/s) <b>A</b> - high energy impact (190 m/s)
<b>9</b>	symbol of non adherence of molten metal and resistance to penetration of hot solids (optional)	
<b>K</b>	symbol of resistance to surface damage by fine particles (optional)	
<b>N</b>	symbol of resistance to fogging (optional)	
<b>CE</b>	symbol of conformity to CE directive 89/686 EEC	

## Example of frame marking according to EN 166

<b>W</b>	<b>166</b>	<b>34</b>	<b>B</b>	<b>DIN</b>	<b>CE</b>	<b>D196</b>
manufacturer's identification code	number of EN standard	field(s) of use (optional)	symbol of resistance to high speed particles (optional)	DIN-tested sign (optional)	symbol of conformity to EC directive 89/686 EEC	certification mark, number of certified body
		no symbol - basic use <b>3</b> - liquids <b>4</b> - large dust particles <b>5</b> - gas and fine dust particles <b>8</b> - short circuit electric arc <b>9</b> - molten metals and hot solids	no symbol - increased robustness <b>F</b> - low energy impact (49 m/s) <b>B</b> - medium energy impact (120 m/s) <b>A</b> - high energy impact (190 m/s)			



## **3M 2720 Clear Anti-Scratch Anti-Fog Spectacle** code: AE2720

### **features:**

- Comfortable and lightweight spectacles in a sporty design
- Slim nose bridge and flat temple guards for improved compatibility with other equipment such as a safety helmet
- Anti-scratch and anti-fog lenses
- Conforms to EN 166.1.F



## **3M 71501-00002M Tora Spectacle with Cord** code: AE096

### **features:**

- 9D base curved lens offers excellent peripheral vision and perfect lateral side protection (Optical Class 1)
- Extremely lightweight and comfortable at only 22g
- Bronze frame and bronze lens
- Contemporary smart look
- Conforms to EN 166.1.F



## **3M 04-0072-1040 SX Clear Lens Spectacle** code: AE042

### **features:**

- The 3M SX incorporates a wrap around design with a clip on nose bridge for adjustability
- Comes with adjustable temple length and pivots for improved fit
- Conforms to EN 166.1.F



## **3M 71501-00001CP Tora Spectacle with Cord** code: AE094

### **features:**

- Lenses and temples in combined colours intensify the contemporary smart look
- The curved lens offers excellent peripheral vision and perfect lateral side protection
- Conforms to EN 166.1.F



## **3M QX3000 Grey Black Frame Spectacle** code: AE036

### **features:**

- The 3M™ QX™ 3000 spectacle is the most sophisticated in the 3M™ QX series, thanks to its flexible reversible nosepiece and the 'strap' system which holds the eyewear onto the head using a comfortable head strap
- Conforms to EN 166.1.F



## **3M 4800 Series Goggle**

code: AE4800

### **features:**

- The 3M 4800 is a good all round goggle that provides protection against liquid splash and dust
- Conforms to EN 166.1.B





### 3M 2890S Wide Panoramic Anti-Mist Goggle

code: AE011/2890S

#### features:

- Soft PVC frame with a wide support area all around the face to enhance comfort
- Specific channel on the side of the frame to accommodate the temple of prescription frames
- Aerodynamic shape with cylindrical lens for 180 degrees of distortion free vision
- Indirect ventilation system to prevent fog, liquids and fumes
- Conforms to EN 166.1.B



### 3M 1480-00001C Duraguard Safety Spectacle

code: AE002

#### features:

- Duraguard safety spectacles
- Black frame
- Traditional style clear anti-scratch twin lens
- Manufactured to EN 166



### 3M V6E Helmet Clear Lens Integrated Eyewear

code: AE054

#### features:

- The integrated lightweight eyewear are easy to attach to the lining of Peltor helmets
- The unique design allows the glasses to slide easily between the helmet shell and lining
- They feature several flexible joints to allow for individual adjustment
- The integrated eyewear fit closely to the wearers cheeks, providing excellent protection for particles, dust and so on, and are approved according to EN 166



### 3M V4C Mesh Visor

code: AHP/V4C

#### features:

- Visor made of stainless steel with a matt finish
- Low light reduction, thanks to the rectangular grid providing excellent protection from flying chips and splinters
- Excellent stability, even after long use
- Conforms to EN 166.1.B



### 3M V4D Clear Acetate Antifog Multi Visor

code: AHP/V4D

#### features:

- Lightweight anti-fog acetate faceshield system helps provide reliable face protection from splash, other particles and debris
- 3M provides reliable head and face protection products that meet regulated performance and safety requirements
- Protective eyewear should be worn under faceshields at all times
- Protective eyewear sold separately
- Aerodynamic shape with cylindrical lens for 180 degrees of distortion free vision
- Indirect ventilation system to prevent fog, liquids and fumes
- Conforms to EN 166.1.B



## **3M 83735-00000 Super-Clear Disposable Protective Eyewear Lens Cleaning Station** code: AELENS

### **features:**

- ▶ Disposable protective eyewear lens cleaning station
- ▶ Contains 16oz. pump and bottle of cleaning fluid
- ▶ Also contains 1500 sheets of lens cleaning paper
- ▶ Ready to hang



## **PELTOR™**

### **WP96 Polycarbonate Shield**

code: AH027

### **features:**

- ▶ 2mm thick
- ▶ Clear polycarbonate visor with dimensions (230 x 370 mm)
- ▶ Excellent protection against impacts and fluids and heat
- ▶ Shield goes inside the attachment for extra support
- ▶ Conforms to EN 166.1.B



## **PELTOR™**

### **V4F Clear Polycarbonate Multi Visor** code: AH027

### **features:**

- ▶ Clear polycarbonate
- ▶ Unique linkage for working and standby positions
- ▶ Specially designed peak protects eyes from glare and reflection
- ▶ High heat tolerance
- ▶ System can be used with a variety of hard hats or with Peltor muffs
- ▶ Conforms to EN 166.1.B



## **4** *Respiratory Protection*





## Choosing Respiratory Protection



**Hazards.** **Dusts** vary in size and the finer they are the higher the hazard. **Mists** result from spraying applications. **Fumes** are particles that are produced during welding and created by vaporisation. **Gasses** usually odourless and invisible and replace the oxygen content in the atmosphere. **Vapours** occurs when solvents evaporate at room temperature general have addictive smell.

**Choosing the right protection.** Identify the hazard is it a dust, mist, fume, gas or vapour. Assess what the level of contamination is. Compare the levels of hazard to the W.E.L. (workplace exposure limits). Choose the correct respirator applicable to the hazard. Ensure the user has information on the correct wearing storage and use of RPE.

**Protection.** Products should be chosen by the APF (Assigned Protection Factor) of the product to ensure the level of the hazard is reduced and is providing the wearer with clean filtered air.

**Exposure limits.** WEL's (Workplace Exposure Limits) are published by the H.S.E. in the EH40 document providing the concentrations levels that substances should not be exceeded. The respiratory equipment can then be chosen by its A.P.F. (Assigned Protection Factor) to reduce the hazard and provide clean air to the user. **Example: Wood Dust**

- Measured respiratory hazard = 45mg/m<sup>2</sup> • WEL (Workplace Exposure Limit) = 5mg/m<sup>2</sup>
- Divide Hazard Level 45mgm<sup>2</sup> by WEL 5mg/m<sup>2</sup> = 9
- You then have to choose a respirator with an APF greater than 9 which would be a P2.

**Fit-testing of Respiratory Protective Equipment (RPE) facepieces.** To ensure the wearer has the correct device, the initial selection of RPE should include fit-testing. RPE should have a tight-fitting facepiece (filtering facepieces are usually known as disposable masks, half and full-face masks). Repeat fit-testing will be needed if anything changes. For example, if the model or size of facepiece is changed or there are significant changes to the individual wearer's facial characteristics due to weight gain/loss or dentistry. There are two forms of fit-testing – Qualitative and Quantitative:

**Qualitative fit-testing** is usually adequate for disposable filter facepieces and half-masks. This can be done as a simple pass/fail based on the wearer's subjective assessment of the fit and leakage. This method is not suitable for full-face masks.

**Quantitative fit-testing** provides a numerical measure of the fit known as a 'fit factor'. These tests give an objective measure of face fit. They require specialised equipment and are more complicated to carry out. These methods are recommended for full-face masks.

Assigned Protection Factors & Standards for Respiratory Protective Equipment (RPE) types			
RESPIRATOR TYPE	DESCRIPTION	STANDARD	APF RANGE
Filtering facepieces for particulates	Provides protection against dust/mists/fumes. Normally intended for 1 day's use	EN 149:2001	4-20
Filtering facepieces for nuisance gas/vapour	Provides protection against dusts/mists/fumes. Also protection against nuisance level gas/vapour	EN 149:2001	4-20
Half masks (dust)	Provides protection against a variety of contaminants dependant on Filter(s)	EN 140, EN 143, EN 405	4-20
Half mask (gas/vapour)	Provides protection against a variety of contaminants dependant on Filter(s)	EN 140, EN 141, EN 405	4-10
Full face masks (dust)	Provides protection against a variety of contaminants dependant on Filter(s) and protection for the face/eyes	EN 136, EN 143	4-40
Full face masks (gas/vapour)	Provides protection against a variety of contaminants dependant on Filter(s) and protection for the face/eyes	EN 136, EN 141, EN 14387	4-20
Powered respirators	Provides clean air to the headpiece by drawing air through a filter. Protection can be tailored to a variety of hazards	EN 146, EN 12941, EN 12942	5-40
Airline hood or helmet	Provides clean air to the wearer's headpiece from an external source of breathable quality air. Can also provide eye/head protection	EN 270, EN 1835, EN 139	5-40
Self contained open circuit breathing apparatus	The top level of protection. For tasks where there is an immediate danger to life or health	EN 1146, EN 137	Up to 2000



## 3M 6000 Series Half Face Mask

code: AR036

size: **S M L**

### features:

- Twin filter design provides low breathing resistance
- Soft, lightweight, elastomeric face piece
- Cost-effective replacement filters
- Unique 3M Bayonet filter fixing system
- Cradle head harness and easy fasten neck strap
- Few replaceable parts for easy maintenance
- Conforms to EN 140



## 3M 7500 Silicone Half Face Mask

code: AR050

size: **S M L**

### features:

- Patented 3M cool valve provides easy breathing while reducing heat and moisture build up
- Unique head harness and yoke design provide greater stability when wearing, and make the mask much easier to wear with other head gear like welding and grinding shields
- Utilises all existing 3M 2000, 5000 and 6000 series filters and cartridges
- Durable and re-usable with a range of replacement parts
- Improved sizing characteristics, allows comfortable fit over wide range of faces
- Soft silicone material provides more flexibility and fewer pressure points on face and head
- Extremely pliable face seal to improve fit
- Conforms to EN 140



## 3M 6900 Series Full Face Mask

code: AR037

### features:

- NIOSH approved respirator that covers and protects the entire face
- Lightweight and durable
- The face seal is made of a silicone rubber, making it remarkably comfortable for the user
- Low maintenance design minimizes time required to maintain the product
- The full face respirator provides respiratory protection against airborne contaminants when used in accordance with all instructions
- Provides user with a wide range of view
- Latex free and reusable
- Conforms to EN 136: class 1





# Work Safely with Us! >>>

**Ark Safety Equipment Ltd** 1 Mygan Business Park, Jamestown Road, Finglas, Dublin 11  
T: +353 1 834 0388 F: +353 1 834 0343 W: www.arksafety.ie E: sales@arksafety.ie

page **28**



exhalation valve ▶

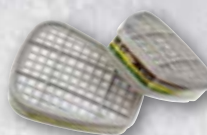
◀ built in filters

## 3M 4000 Series Maintenance Free Gas / Vapour and Particulate Respirator

**Half Face Mask Integral Filter** code: AR042/4277  
**Maintenance Free Reuseable Respirator** code: AR041

### features:

- ▶ 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 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
- ▶ Conforms to EN 405:2001/CE



### 6059 Gas Combination Filter

code: AR037/F



### 6099 Full Face Mask Gas / Vapour Filter

code: AR049/6099



### 6055 A2 Gas and Vapour Filter

code: AR047



### 6051 Type A Filter Half Face Mask 4 Pack

code: AR041/6051



### 6054 K1 Filter for Ammonia

code: AR038

## 3M 6000 Series Filter

### features:

- ▶ Lightweight
- ▶ Low breathing resistance
- ▶ Well balanced when fitted to a mask
- ▶ Provides excellent field of vision as a result of the unique trapezoidal shape
- ▶ Bayonet fitting system ensures precise and secure locking
- ▶ Versatility: can be used on all 6000 and 7000 Series half masks and full face masks
- ▶ Filters can be used in combination with 3M™ 5000 particulate filters
- ▶ Conforms to EN 14387



## 3M P3 2135 Particulate Filter

code: AR039

### features:

- ▶ 3M Advanced Electret Filter material for maximal filtration efficiency and light weight
- ▶ Approved as a P3 filter
- ▶ Lighter than conventional filters that provide comparable protection
- ▶ Durable, water-resistant and flame retardant
- ▶ Bayonet fitting ensures precise and safer locking
- ▶ Versatility: can be used on all 3M 6000, 3M 7000 and 3M 7500 Series half masks and full face masks
- ▶ Conforms to EN 143



expanded filter area ▶

## 3M FFP3D Mask Premium Buckle Strap

code: AR046/8835

### features:

- ▶ Expanded filter area, unique design reduces breathing resistance
- ▶ Comfortable, lightweight off-the-face design
- ▶ Reliable, effective protection against fine particulates
- ▶ 3M Cool Flow valve reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions
- ▶ Soft sealing ring and adjustable straps ensure a comfortable, properly sealed fit
- ▶ Red colour coded valve lettering denotes FFP3 protection level
- ▶ Conforms to EN 149:2001



## 3M Cup Shaped Valved Respirator

code: AR044/8822

### features:

- 3M Cool Flow valve reduces heat build up to offer comfortable protection, particularly in hot and humid conditions
- Reliable, effective protection against fine particulates
- Durable collapse resistant inner shell
- Excellent fit over a wide range of face sizes provided by convex shape, nose clip and twin-strap design
- Comfortable, light weight off-the-face design
- Blue colour coded straps denoting FFP2 protection level
- Conforms to EN 149:2001

3M Cool Flow™ valve ►



## 3M Aura Valved Dust and Mist Respirator

code: AR048/9332

### features:

- Comfort, flat-fold, valved disposable respirator (P3 protection)
- Low breathing resistance filter technology
- Innovative 3 panel design fits a wide range of face shapes and sizes
- Accommodates facial movements
- Individually wrapped for hygienic storage prior to use
- 3M Cool Flow™ valve for reduced heat and moisture build up
- Conforms to EN 149:2001

flat-fold ►



## 3M Foldable Unvalved Respirator

code: AR045/9310

### features:

- Provides comfort and style without compromising performance
- Extensive European field trials have proved the superiority of this range over more traditional respirators
- Three-panel design for improved comfort, fit and communication
- Reliable, effective protection against fine particulates
- Individually packed, foldable design prevent contamination before use and allows easy storage
- Soft inner cover-web for greater comfort against the skin
- Even-tensioned straps relieve pressure for a comfortable and secure fit
- Yellow colour coded straps denoting FFP1 protection level
- Conforms to EN 149:2001

flat-fold ►



## 3M Foldable Valved Respirator

code: AR043/9322

### features:

- This new generation of respirators provides comfort and style without compromising performance
- Extensive European field trials have proved the superiority of this range over more traditional respirators
- Three-panel design for improved comfort, fit and communication
- Reliable, effective protection against fine particulates
- 3M Cool Flow valve reduces heat build-up to offer comfortable protection, particularly in hot and humid conditions
- Individually packed, foldable design prevent contamination before use and allows easy storage
- Soft inner cover-web for greater comfort against the skin
- Even-tensioned straps relieve pressure for a comfortable and secure fit
- Blue colour coded straps denoting FFP2 protection level
- Conforms to EN 149:2001

flat-fold ►







## FFP1 Face Mask

code: AR032

### features:

- ▶ Approved class FFP1 protective mask, for protection against coarse health-hazardous dry and liquid-borne particles
- ▶ Typical application areas include wood sanding dust, quartz dust, coarser allergenic particles, pollen, etc
- ▶ CN P1 masks are packed in individual hygienic plastic bags, with 20 bags in a box and 200 in a transport case
- ▶ Conforms to EN 149:2001



## CNP1CV FFP1 Face Mask

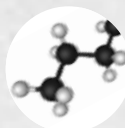
code: AR033

### features:

- ▶ Approved class FFP1 protective mask, for protection against coarse health-hazardous dry and liquid-borne particles
- ▶ The CN P1 CV mask incorporates a layer of activated carbon that effectively removes strong or unhealthy odours
- ▶ It is also fitted with a valve for exhalation, which helps to reduce the temperature in the mask, reducing condensation and moisture build-up
- ▶ Typical application areas include agriculture, chicken farms, various types of sanitation and clearance work, etc
- ▶ CN P1 CV masks are packed in individual hygienic plastic bags, with 15 in a box and 150 in each transport case
- ▶ Conforms to EN 149:2001



activated carbon ▶



## CNP1V FFP1 Face Mask

code: AR031.1

### features:

- ▶ Approved class FFP1 protective mask, for protection against coarse health-hazardous dry and liquid-borne particles
- ▶ The CN P1 V mask is fitted with a valve for exhalation, which also helps to reduce the temperature in the mask, reducing condensation and moisture build-up
- ▶ Typical application areas include wood sanding dust, quartz dust, chemical particles, polishing dust etc
- ▶ CN P1 V masks are packed in individual hygienic plastic bags, with 15 bags in a box and 150 in each transport case
- ▶ Conforms to EN 149:2001



exhalation valve ▶



## CNP2 FFP2 Face Mask

code: AR027

### features:

- ▶ Approved class FFP2 protective mask, for protection against health-hazardous dry and liquid-borne particles
- ▶ Typical application areas include metal dust, glass fibre dust, polishing dust, building dust etc
- ▶ CN P2 masks are packed in individual hygienic plastic bags, with 20 bags in each box and 200 in each transport case
- ▶ Conforms to EN 149:2001







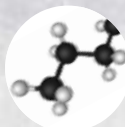
## CNP2CV FFP2 Face Mask

code: AR029

### features:

- Approved class FFP2 protective mask, for protection against health-hazardous dry and liquid-borne particles
- The CN P2 CV mask incorporates a layer of activated carbon that effectively removes strong or unhealthy odours
- It is also fitted with a valve for exhalation, which helps to reduce the temperature in the mask, reducing condensation and moisture build-up
- Typical application areas include welding or the presence of welding fume, extreme sanitation and clearance work, etc
- CN P2 CV masks are packed in individual hygienic plastic bags, with 15 in a box and 150 in each transport case
- Conforms to EN 149:2001

activated carbon ►



## CNP3V FFP3 Face Mask

code: AR030

### features:

- Approved class FFP3 protective mask, for protection against very small health-hazardous dry and liquid-borne particles
- The CN P3 V mask is fitted with a valve for exhalation, which helps to reduce the temperature in the mask, reducing condensation and moisture build-up
- Typical application areas include the chemical industry, protection against bacteria and viruses, lighter radioactive dust, etc
- CN P3 V masks are packed in individual hygienic plastic bags, with 15 in a box and 150 in each transport case
- Conforms to EN 149:2001

exhalation valve ►



## CNP2V FFP2 Face Mask

code: AR028

### features:

- Approved class FFP2 protective mask, for protection against health-hazardous dry and liquid-borne particles
- The CN P2 V mask is fitted with a valve for exhalation, which also helps to reduce the temperature in the mask, reducing condensation and moisture build-up
- Typical application areas include chemical dust, clay dust, concrete dust, etc
- CN P2 V masks are packed in individual hygienic plastic bags, with 15 bags in a box and 150 in each transport case
- Conforms to EN 149:2001

exhalation valve ►



## P2SLAV Mask

code: AR034

### features:

- This respirator is the same as the MKP2SL, but with an exhalation valve for greater working conditions
- These masks are to be used in the same situations and under the same conditions as the standard FFP2 masks without valve
- Conforms to EN 149:2001

exhalation valve ►





## Duetta Twin Filter Half Face Mask

code: AR021

### features:

- ▶ Excellent field of vision, unrestricted movement
- ▶ Twin filter technology gives comfortable balance to mask
- ▶ Non-allergenic
- ▶ Newly designed face seal gives optimum fit
- ▶ The mask consists of only a few parts for easy maintenance
- ▶ The one-piece harness adjustable headgear guarantees fit
- ▶ Fitting and removing the mask is possible without loosening the harness
- ▶ Easy safe fitting of filters through bayonet sockets
- ▶ The filters have a high absorption capacity, longer lasting in the workplace
- ▶ Clear safe filter concept, no confusing design problems
- ▶ If required additional pre-filters can be added
- ▶ Easy handling high efficiency
- ▶ Excellent wearer comfort
- ▶ Conforms to EN 149:2001



## Duetta Prefilter Holder

code: AR026

### features:

- ▶ Duetta Prefilter Holder



## Duetta Pre-Filter code: AR/PLP1011

### features:

- ▶ Duetta Prefilter



## Deutta 205 Gas Combination Filter

code: AR024

### features:

- ▶ AIBIEIKIP3 Deutta gas combination filter
- ▶ Conforms to EN 143



## Deutta 2027 P3 Half Face Particle Filter 4 Pack

code: AR022

### features:

- ▶ Deutta 2027 P3 Half Face Particle Filter
- ▶ Pack of 4
- ▶ Conforms to EN 143



## Duetta A2P3 Filter 2 Pack

code: AR020

### features:

- ▶ Duetta A2P3 Filter
- ▶ Pack of 2
- ▶ Conforms to EN 143





Purelite Xstream

## P103000-2 Powered Head Shield

code: AR/P103000-2

### features:

- ▶ Lightweight battery powered respirator
- ▶ Protects lungs from harmful dusts, water-based mists and fumes providing a constant supply of clean air through high efficiency filters
- ▶ Provides excellent protection for allergy sufferers
- ▶ Protects eyes and face against impact from flying debris and chemical splashes
- ▶ Exceptionally lightweight, quiet and comfortable to wear
- ▶ Self-contained and battery powered for up to 4 hours of continuous use extending up to 8 hours with optional second battery
- ▶ Easily adjusts to a wide range of head sizes
- ▶ Ready for instant use with easily replaced components
- ▶ Designed for long-term durability and low cost ownership
- ▶ Flip-up visor easily adjusts to any position
- ▶ Approved to EN 146 THP 2



Purelite Xstream

## TH2P Filter for Purelite Xtreme

code: AR/PUR/XTREME

### features:

- ▶ Conforms to EN 146



## T2 Tornado Full Hood Respirator

code: AR036

### features:

- ▶ Lightweight and compact
- ▶ Comfortable to wear, contoured waist mounted control unit prevents snagging
- ▶ Maintains optimum airflow to the headtop
- ▶ Low flow indicator with clear audible alarm
- ▶ Auxiliary outlet, useful for air tools (e.g. spray gun)
- ▶ Combined odour filter and silencer provide superior wearer comfort
- ▶ Integrated visual indication of oil contaminated air supply
- ▶ Fully adjustable
- ▶ Airline filter units – compatible air filter units for one or two users are included in the range
- ▶ Conforms to EN 1835





## How does it work?

The nebuliser produces a mist measuring approximately 5 microns. If the wearer tastes the substance, the seal has been broken and the wearer must be re-tested.



## Fit Test Kit code: AR040

### features:

- ▶ Over the years awareness to Occupational health has greatly improved
- ▶ Misuse of Respiratory Protective Equipment (RPE) has been fairly commonplace
- ▶ From facial hair interfering with the seal on the face to tearing off the bottom strap of the respirator, to burning holes in the filter, allowing the wearer to smoke through it, has been common practice
- ▶ This is a fit test to prevent the above from occurring

## **5** *High-Visibility Clothing Work & Corporate Wear*





## High-Visibility Clothing Work & Corporate Wear



### High-Visibility Clothing EN 471 Explanation

Providing the right protective clothing for workers in poor light and adverse weather is important. High-Visibility clothing often referred to as Hi-vis. Ark Safety helps you meet with the demands of EN 471 by providing a range of Hi-vis clothing offering the highest possible visibility whatever the conditions. Hereunder the high branded Ocean Rainwear.

### Specification for High-Visibility Clothing EN 471

**EN 471:2003** High-visibility warning clothing for professional use

**EN 471:1994** has been superseded by EN 471:2003

This revised standard is intended to encompass all previous 1994 requirements while allowing for more "Corporate" styling without reducing personal safety.

**For example:** retro reflective tape can be positioned at angles +/- 20 degrees.

Garments tested to EN 471:1994 can continue to be sold, however any new designs must be tested to the revised standard.

### Important when it comes to EN 471

There are 3 classes of garment type based on the levels on conspicuity they provide. On all garments the retro-reflective tape must not be less than 50mm wide. Often even 7cm are used these days.

#### CLASS 1

- Minimum background material 0.14m<sup>2</sup>
- Minimum Retro-reflective material 0.10m<sup>2</sup>
- Not permitted at road sides

#### CLASS 2

- Minimum background material 0.5m<sup>2</sup>
- Minimum Retro-reflective material 0.13m<sup>2</sup>

#### CLASS 3

- Minimum background material 0.8m<sup>2</sup>
- Minimum Retro-reflective material 0.2m<sup>2</sup>





### Polycotton Boilersuit

code: AC003

colour:

size: **S - XXXL**

#### features:

- Polyester/cotton stud front boilersuit
- Action back styling with concealed stud front fastening
- 2 breast and side pockets
- 1 rule and hip pocket



### Food Grade Boilersuit

code: AC003FG

colour:

size: **S - XXXL**

#### features:

- Concealed stud front fastening
- One inside breast pocket
- Two swing pockets with side access
- Slight elasticsation at waist
- Adjustable stud fastened sleeves



### Heavyweight Boilersuit

code: AC003HW

colour:

size: **S - XXXL**

#### features:

- Heavyweight polyester/cotton zip front boilersuit
- Action back styling with zip and concealed stud front fastening
- 2 slant zip breast pockets
- 2 side pockets and 1 hip pocket



### Hi-Vis Boilersuit

code: AC020

colour:

size: **S - XXXL**

#### features:

- Conforms to EN 471 class 3:2
- Conforms to GO/RT 3279
- Polyester/cotton fabric
- Zip fastening
- 1 zipped breast pocket
- 2 side pockets



## Flame Retardant

**Boilersuit** code: AC208

colour:

size: **S - XXXL**

### features:

- Conforms to EN 531 and EN 470
- Heavyweight cotton boilersuit
- Flame retardant finish
- Concealed stud front fastening
- Two breast and side pockets



## Polycotton Jacket

code: AC005

colour:

size: **S - XXXL**

### features:

- Polyester/cotton concealed stud front fastening jacket
- Chest and side slant pockets with elasticated cuffs and waist and action back styling



## Food Grade Coat

code: AC007

colour:

size: **S - XXXL**

### features:

- Polyester/cotton fabric
- Concealed stud fastener
- Back vent
- Inside pocket



## Warehouse Coat

code: AC008

colour:

size: **S - XXXL**

### features:

- 65% polyester 35% cotton
- Two lower patch pockets
- Centre back vent
- Concealed stud fastening front





### Polycotton Bodywarmer

code: AC050N

colour: ●

size: S - XXXL

#### features:

- Polyester/cotton fabric outer shell, polyester quilt lining
- Size 8 zip fastener
- Studded storm flap
- 2 lower front pockets and 2 breast pockets with velcro fastening
- 1 zipped pocket above left breast



### Polycotton Trousers

code: AC004F

colour: ● ● ● ● ● ● ● ●

size: S - XXXL

#### features:

- Polyester/cotton fabric
- Fully elasticated waist



### Polycotton Combat Trousers

code: AC004C

colour: ● ● ● ● ● ● ● ●

size: S - XXXL

#### features:

- Polyester/cotton multi-pocket combat style trouser
- Button fastening with zip fly
- Also available in navy with 2 bands of 50mm reflective tape



### Tabard

code: ACTABS

colour: ● ● ● ● ● ● ● ●

size: S - XXXL

#### features:

- 65% polyester 35% cotton
- Large front pocket with stitched central divider
- Side stud fastening and size adjustment
- Self fabric binding
- Other colours available on request





## **Refrigue® Refrigue P13** **Bodywarmer** code: ACP13

colour: 

size: **S - XXXL**

### features:

- ▶ EN 342 standard
- ▶ Front zip and stud flap closure
- ▶ 2 Front pockets
- ▶ One left chest pocket and knitted cuffs



## **Refrigue® Freezer Suit**

code: ACP540

colour: 

size: **S - XXXL**

### features:

- ▶ EN 342 standard
- ▶ Suitable for temperatures as low as -40°C
- ▶ Front zip and stud flap closure
- ▶ 2 Front pockets
- ▶ One left chest pocket and knitted cuffs



## **Refrigue® Freezer Jacket**

code: ACP342

colour: 

size: **S - XXXL**

### features:

- ▶ EN 342 standard
- ▶ Zip and stud flap fastening
- ▶ Two big front pockets, one left chest pocket
- ▶ Knitted cuffs
- ▶ Extra length in back to protect kidneys
- ▶ For use in temperatures as low as -55°C



## **Refrigue® Freezer Trousers**

code: ACP345

colour: 

size: **S - XXXL**

### features:

- ▶ EN 342 standard
- ▶ High rise back for kidney protection
- ▶ 2 front pockets
- ▶ 37cm leg zippers with storm flaps



### Illinois Jacket

code: AC082

colour:  

size: **S - XXXL**

#### features:

- Coat with detachable fleece
- Waterproof, taped seams, studded storm flap, concealed hood
- 4 front pockets with zips, adjustable cuffs, draw cord with toggle at hem
- Inner fleece jacket, elasticated cuffs, zip outer pockets



### Ohio Bomber Jacket

code: AC/OHI

colour:  

size: **S - XXXL**

#### features:

- Fully taped seams
- Concealed hood
- Fleece lining
- Studded storm flap
- Self hemmed elasticated waistband and cuffs
- Slanting side pockets with hand warmer side entry
- Inner pocket
- Mobile phone and pen pocket
- Access to embroidery



### Soft Shell Jacket

code: AC18MM

colour:   

size: **S - XXXL**

#### features:

- Bonded soft shell jacket
- 100% polyester
- 2 side zip pockets



### Chemical Resistant Suit

code: AC032

colour: 

size: **S - XXL**

#### features:

- Green chemical resistant boilersuit with hood, elasticated wrists and ankles
- Hardwearing polyester with a PVC coating
- High frequency welded seams offering complete protection
- Conforms to EN 456 Cat 3





## PU Rainsuit

code: AC036S

colour:   

size: **S - XXXL**

### features:

- ▶ Lightweight fabric
- ▶ Elasticated waisted trousers
- ▶ Heavy duty zipper front on jacket
- ▶ Front flap pockets
- ▶ Elastic/popper wrist cuff
- ▶ Conforms to EN 343



## Nylon Rainsuit

code: AC029S

colour:  

size: **S - XXXL**

### features:

- ▶ Nylon/PVC waterproof fabric
- ▶ 100% waterproof lightweight suit
- ▶ Conforms to EN 343



## Hi-Vis 5-in-1 Parka

code: AC610

colour: 

size: **S - XXXL**

### features:

- ▶ Conforms to EN 471 class 3:2 (outer only)
- ▶ Conforms to EN 471 class 2:2 (inner bodywarmer)
- ▶ Conforms to EN 343
- ▶ 2 band and brace
- ▶ 300D oxford PU fabric
- ▶ Mesh lining in jacket
- ▶ Reversible bodywarmer
- ▶ Detachable sleeves with bodywarmer
- ▶ Bodywarmer with quilted lining
- ▶ Detachable hood



## Hi-Vis Denver 2 Tone Jacket

code: AC052

colour:  +   + 

size: **S - XXXL**

### features:

- ▶ EN 471 class 3 coat
- ▶ 50 wash reflective tape
- ▶ Fully taped seams, 2 way zip, concealed hood
- ▶ Quilt lining, storm flap, anti-wicking strips
- ▶ 2 front pockets, 1 inner pocket with velcro tab, mobile phone and pen pocket, access embroidery



### Hi-Vis Hudson Fleece Jacket

code: AC204

colour:

size: **S - XXXL**

#### features:

- EN 471 fleece jacket
- Full zip fastening, 2 front slanted zip-fastening pockets, draw cord and toggle at waist



### Hi-Vis Nevada Jacket

code: AC054

colour:

size: **S - XXXL**

#### features:

- EN 471 class 3 jacket
- 50 wash reflective tape
- Fully taped seams, 2 way zip, concealed hood
- Quilt lining, storm flap, anti-wicking strips
- 2 front pockets, 1 inner pocket with velcro tab, mobile phone and pen pocket, access embroidery



### Hi-Vis Utah Anorak Jacket

code: AC203

colour:

size: **S - XXXL**

#### features:

- EN 471 class 3 coat
- Fully taped seams, 2 way size 8 zips, concealed hood comes with draw cord and quilt lining
- Studded storm flap, anti-wicking cuffs and hem, 2 front pockets with flaps, 1 inner pocket with velcro fastening



### Hi-Vis Memphis Bomber Jacket

code: AC042N

colour:

size: **S - XXXL**

#### features:

- Yellow EN 471 class 3 bomber jacket
- 50 wash reflective tape
- Fully taped seams, concealed hood, micro-fibre fleece lining, storm flap, self hemmed waistband and cuffs
- 2 side pockets, 1 inner pocket, mobile phone and pen pocket





## Hi-Vis Newark Rain

**Jacket** code: AC106

colour: **HV**

size: **S - XXXL**

### features:

- EN 471 class 3 jacket
- Fully taped seams with 50 wash reflective tape, full length 8 zip, concealed hood
- Velcro storm flap, elasticated cuffs, 2 side pockets, inner pocket, mobile phone and pen pocket, access embroidery zip



## Hi Vis Phoenix

**Bodywarmer** code: AC207

colour: **HV** **HV**

size: **S - XXXL**

### features:

- EN 471 class 2 reversible body warmer
- PU coated polyester outer shell, quilted polyester/cotton inner with polyester padding
- Zip front fastening, knitted collar, 2 pockets on the navy side



## Hi Vis Trousers

code: AC039

colour: **HV** **HV**

size: **S - XXXL**

### features:

- Conforms to EN 471
- Conforms to EN 343
- High quality Storm-Flex fabric
- Breathable
- Fully elasticated wasitband



## Hi Vis Long Sleeve Vest

code: AC041LSMM

colour: **HV**

size: **S - XXXL**

### features:

- Conforms to EN 471 class 3:2
- 2 band and brace
- 100% polyester fabric
- Velcro fastening



### Hi Vis Double Band

**Vest** code: AC041MM

colour:

size: **S - XXXL**

**features:**

- Conforms to EN 471
- 100% polyester fabric
- Velcro fastening



### Hi Vis Vest with ID Pocket

code: AC041MM/ID

colour:

size: **S - XXXL**

**features:**

- Conforms to EN 471 class 2:2
- 2 band and brace
- 100% polyester fabric
- Velcro fastening



### Classic T Shirt

code: AC/UC301

colour: +

size: **S - XXXL**

**features:**

- 100% cotton pre shrunk jersey
- Rib knit collar
- Deluxe 30's ring spun softness
- Eurostyle fit in neck with shoulders with sleeves
- Seamless twin needle collar, sleeve and bottom hems
- Tear away label for additional comfort
- Taped neck and shoulders for long-lasting style
- Quarter turned body for seamless print surface
- Other colours available on request



### Premium Polo

code: AC/UC102B

colour: +

size: **S - XXXL**

**features:**

- 90% cotton 10% polyester
- Narrow two-button placket
- Other colours available on request





## Classic Sweatshirt

code: AC/UC203

colour: +

size: **S - XXXL**

### features:

- ▶ 50% cotton with 50% polyester
- ▶ Air jet yarn - softer feel and no pilling
- ▶ Twin needle stitching
- ▶ Twin needle cuffs
- ▶ Set-in sleeves 1x1 athletic rib with spandex
- ▶ Quarter-turned to eliminate centre crease
- ▶ Other colours available on request



## Premium Long Sleeve

code: AC/UC102BLS

colour: +

size: **S - XXXL**

### features:

- ▶ 90% cotton 10% polyester
- ▶ Narrow two-button placket
- ▶ Other colours available on request



## Zip Neck Sweatshirt

code: AC/ZIP

colour: +

size: **S - XXXL**

### features:

- ▶ 70% cotton with 30% polyester
- ▶ Covered zip for enhanced printability
- ▶ Narrow zip and zip puller to offer additional branding options
- ▶ Other colours available on request



## Mens V Neck Jumper

code: AC710L

colour:

size: **S - XXXL**

### features:

- ▶ 50% cotton/ 50% acrylic cottonblend
- ▶ 12 gauge
- ▶ Set in sleeve style
- ▶ 1x1 rib trim with elastane at cuffs and waistband
- ▶ Machine washable at 40°C





## Ladies V Neck Jumper

code: AC710LADIES

colour:  

size: **S - XXXL**

### features:

- ▶ 50% cotton/ 50% acrylic cottonblend
- ▶ 12 gauge
- ▶ Set in sleeve style
- ▶ 1x1 rib trim with elastane at cuffs and waistband
- ▶ Machine washable at 40°C



## Premium Fleece

code: AC/UC601N

colour:       +

size: **S - XXXL**

### features:

- ▶ 100% polyester super anti-pill micro fleece
- ▶ Twin needle stitching, elasticated cuffs
- ▶ Full self coloured zip with zip puller
- ▶ 2 self coloured covered zipped pockets with zip pullers
- ▶ Elasticated pull cords and toggles hanger loop inside neck
- ▶ Cadet style collar half moon yoke
- ▶ Other colours available on request



## Mens Poplin Long Sleeve Shirt

code: AC900

colour:     

size: **S - XXXL**

### features:

- ▶ 55% cotton with 45% polyester
- ▶ Standard collar and self fabric chest pocket
- ▶ Self-coloured buttons



## Mens Poplin Short Sleeve Shirt

code: AC899

colour:     

size: **S - XXXL**

### features:

- ▶ 55% cotton with 45% polyester
- ▶ Standard collar and self fabric chest pocket
- ▶ Self-coloured buttons



## Ladies Poplin Long Sleeve Shirt code: AC902

**colour:**

**size:** **S - XXXL**

### features:

- ▶ 55% cotton with 45% polyester
- ▶ Shaped side seams and back and bust darts for enhanced comfort and a feminine fit
- ▶ Self-fabric breast pocket
- ▶ Self-coloured buttons



## Ladies Poplin Short Sleeve Shirt code: AC903B

**colour:**

**size:** **S - XXXL**

### features:

- ▶ 55% cotton with 45% polyester
- ▶ Shaped side seams and back and bust darts for enhanced comfort and a feminine fit
- ▶ Self-fabric breast pocket
- ▶ Self-coloured buttons



## Mens Oxford Long Sleeve Shirt code: AC-OXFORDB

**colour:**

**size:** **S - XXXL**

### features:

- ▶ 70% cotton 30% polyester
- ▶ Classic oxford styling with button down collar
- ▶ Mitred chest pocket



## Mens Oxford Short Sleeve Shirt code: AC-OXFORD

**colour:**

**size:** **S - XXXL**

### features:

- ▶ 70% cotton 30% polyester
- ▶ Classic oxford styling with button down collar
- ▶ Mitred chest pocket



**Ark SAFETY** **Ladies Oxford Long Sleeve Shirt** code: AC-OXFORD

colour: ● ● ● ● ●

size: **S - XXXL**

- features:**
- ▶ 70% cotton 30% polyester
  - ▶ Shaped side seams and back and bust darts for enhanced comfort and a feminine fit

**Ark SAFETY** **Ladies Oxford Short Sleeve Shirt** code: AC-OXFORDL

colour: ● ● ● ● ●

size: **S - XXXL**

- features:**
- ▶ Polyester

**Ark SAFETY** **Oslo Two Button Jacket** code: AC953

colour: ●

size: **S - XXXL**

- features:**
- ▶ 60% wool 38% polyester 2% lycra
  - ▶ Single breasted, 2 buttons
  - ▶ Side vents
  - ▶ Contrast linings with columbia stitching
  - ▶ Internal sweat pads
  - ▶ 4 inside pockets

**Ark SAFETY** **Otis Trousers** code: AC954

colour: ● ●

size: **S - XXXL**

- features:**
- ▶ 60% wool 38% polyester 2% lycra
  - ▶ Flat front
  - ▶ Belt loops
  - ▶ 2 slant side pockets
  - ▶ 2 hip pockets
  - ▶ Lined to the knee
  - ▶ Heel taped hems





## OCEAN

### Work Wear High Performance Waterproof Jacket

code: OCE1053/5020

colour:  

size: **S - XXXL**

#### features:

- ▶ Jacket with zip and velcro fastened storm flap at front
- ▶ Adjustable waist and lining
- ▶ Waterproof zippers in to front pockets
- ▶ Sleeves include elastic cuffs and velcro adjustment flap
- ▶ Inner pocket and 6 front pockets
- ▶ Hidden hood
- ▶ Conforms to EN 343

## OCEAN

### Work Wear Breathable Wind & Waterproof Trousers

code: OCE1012

colour: 

size: **S - XXXL**

#### features:

- ▶ Polyester coated with PU
- ▶ All seams are double stitched and tape sealed
- ▶ Trousers feature elasticated waist band, 2 zipped pockets with storm flaps
- ▶ Ankles include vertical release zip and velcro adjustable fastening at hem
- ▶ Conforms to EN 343

## OCEAN

### Work Wear Navy Thermal Coverall code: OCE5050

colour:    

size: **S - XXXL**

#### features:

- ▶ Oxford nylon with coated PVC reverse
- ▶ Seams are double stitched and tape sealed
- ▶ Lining: 100% polyester (insulation and drop liner)
- ▶ Two colour coverall with detachable comfort hood
- ▶ Two way main zip and velcro fastening storm flap
- ▶ Legs feature ankle to hip release zips (easy access) and ankle adjustment flap
- ▶ Under arm zips in sleeves for ventilation if required
- ▶ 2 front pockets, 2 rear pockets, mobile phone pocket, inner pocket, side pocket, plus pockets for tools
- ▶ Knee-reinforcement with Dupont Cordura
- ▶ Adjustment cord in waist and elasticated cuffs with velcro fastening
- ▶ YKK zippers
- ▶ 3M safety reflective stripes
- ▶ Waterpressure: 8,000 mm
- ▶ Breathability: 2,000 mvp
- ▶ Conforms to EN 343


**OCEAN**

### Work Wear Padded Thermo Coverall

code: OCE20-5450-2-9

**size:** S - XXXL **colour:**
**features:**

- ▶ Polyurethane outer coating with soft knitted polyester
- ▶ Soft feel
- ▶ Coverall with two-way main zip and press-studded storm flap at front
- ▶ Loose hanging comfort hood with draw-cord
- ▶ Elasticated waist area and press-studs are fitted for adjustable ankle hem
- ▶ YKK zippers
- ▶ 3M safety reflective stripes
- ▶ Water resistance: 8.000mm
- ▶ Breathability: 2.000 mvp
- ▶ Conforms to EN 343


**OCEAN**

### Hi-Vis Thermo Coverall

code: OCE20-5420-299

**colour:**
**size:** S - XXXL

**features:**

- ▶ Coverall with two-way main zip and press-studded storm flap at front
- ▶ Loose hanging comfort hood with draw-cord
- ▶ Elasticated waist area and press-studs are fitted for adjustable ankle hem
- ▶ 3M reflective safety stripes
- ▶ Conforms to EN 343


**OCEAN**

### Work Wear Thor Basic Overall

code: OCE80-16-14

**size:** S - XXXL **colour:**
**features:**

- ▶ Material: 65% polyester and 35% cotton canvas, 320g
- ▶ Outside easy phone pocket
- ▶ 2 large chest pockets with protective flaps
- ▶ Front hanger for ID-sign
- ▶ Spacious rear pockets with velcro
- ▶ Very strong front pockets with Dupont Cordura reinforcements
- ▶ Detachable holster pockets with flap protection of zipper and button fastened for extra safety
- ▶ Ruler pocket with adjustable lower part makes it much more flexible and comfortable
- ▶ Multifunctional outer leg pocket with velcro
- ▶ Dupont Cordura reinforced knee pockets with technical adjustments and a flap to prevent water ingress
- ▶ Reinforced triple stitched seams
- ▶ YKK zippers
- ▶ Nano Teflon treated, for additional strength and stain resistance
- ▶ Reflex pipings
- ▶ Dupont Cordura reinforced legs





**OCEAN**

## Hi-Vis Multinorm Bib & Brace with Proban

code: OCE10-13-88

colour:

size: **S - XXXL**

### features:

- ▶ Electric arc tested class 1
- ▶ EN 471 class 3
- ▶ EN 13046 chemical tested material
- ▶ Knee pad pockets
- ▶ Hammer loop and folding rule pocket
- ▶ Ankles feature velcro adjustable fastening at hem
- ▶ Proban inner lining



**OCEAN**

## Hi-Vis Breathable Bib & Brace Trousers

code: OCE10-13-9

colour:

size: **S - XXXL**

### features:

- ▶ EN 471 class 2
- ▶ Knee pad pockets
- ▶ Hammer loop and folding rule pocket
- ▶ Ankles feature and velcro adjustable fastening at hem



**OCEAN**

## Hi-Vis Function Wear 3-in-1 Jacket

code: OCE1056-99

colour:

size: **S - XXXL**

### features:

- ▶ Made from poratex premium membrane, hi-spec woven polyester with PU breathable coating applied to reverse
- ▶ Seams are double stitched and PU tape sealed
- ▶ 3M reflective stripes
- ▶ Includes zipper and storm flap in front, adjustable waist and lining, elastic cuffs and velcro adjustment flaps and hidden hood
- ▶ Also includes 2 front pockets and an inner pocket
- ▶ Inner jacket with safety reflective stripes and detachable sleeves
- ▶ Conforms to EN 471



**OCEAN**

## Hi-Vis Comfort Stretch Bib & Brace Trousers

code: OCE205413-9

colour:

size: **S - XXXL**

### features:

- ▶ Made from comfort stretch polyurethane outer coating with soft knitted polyester reverse/lining
- ▶ Soft feel, comfort stretch for extra movement and also incorporates tear resistant properties
- ▶ Includes elasticated braces with fix lock buckles, fastening press studs at waist for adjustment, vertical release zip and velcro adjustment at ankles
- ▶ Conforms to EN 471





OCEAN

## Hi-Vis Function Wear Detachable Fleece

code: OCE1056-99-FLEECE

colour: HV HV

size: S - XXXL

### features:

- Made from 100% polyester anitpilling polar fleece
- Detachable fleece for 3-in-1 jacket

OCEAN

## Hi-Vis Function Wear Breathable Trousers

code: OCE1012-9

colour: HV HV

size: S - XXXL

### features:

- Made from poratex premium membrane, hi-spec woven polyester with PU breathable coating applied to reverse
- Seams are double stitched and PU tape sealed
- 3M reflective stripes
- Includes adjustable draw cord in lining, knee pad pockets, folding rule pocket, elastic cuffs and velcro adjustment flap at leg
- Conforms to EN 471

OCEAN

## Hi-Vis Comfort Stretch Jacket

code: OCE205420-99

colour: HV + HV +

size: S - XXXL

### features:

- Made from comfort stretch polyurethane outer coating with soft knitted polyester reverse/lining
- Soft fabric, comfort stretch for extra movement and also incorporates tear resistant properties
- Includes zip with press studded storm flap, rear ventilation and fold away hood in collar
- Adjustable lower hem cord
- Sleeves include elastic cuffs with velcro adjustment flaps
- Conforms to EN 471

OCEAN

## Hi-Vis Comfort Stretch Trousers

code: OCE205412-9

colour: HV + HV +

size: S - XXXL

### features:

- Made from comfort stretch polyurethane outer coating with soft knitted polyester reverse/lining
- Soft feel, comfort stretch for extra movement and also incorporates tear resistant properties
- Includes elasticated waist with adjustable draw cord, vertical ankle zip and velcro adjustable fastening at the hem
- Conforms to EN 471



**OCEAN**

## Hi-Vis Multinorm Jacket with Proban

code: OCE10-56-88

colour: HV+

size: **S - XXXL**

### features:

- ▶ Waterproof class 2 and breathable
- ▶ Detachable inner fleece jacket with reflective bands
- ▶ All seams are double stitched and PU taped for waterproof
- ▶ Adjustable draw cord in lining, sleeves include elastic cuffs and velcro adjustment flap
- ▶ Detachable black proban inner jacket with quilted lining
- ▶ Conforms to EN 471



**OCEAN**

## Offshore Busserone Smock

code: OCE817

colour:

size: **S - XXXL**

### features:

- ▶ Smock includes comfort hood and internal draw-cord
- ▶ Chest/neck area features release studs for easy access
- ▶ Press-studs are also provided for adjusting cuffs
- ▶ Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- ▶ Hi-glo orange includes 3M reflective safety stripes on shoulders
- ▶ Available with all sleeve possibilities
- ▶ Conforms to EN 471, EN 14116



**OCEAN**

## Offshore Classic Jacket

code: OCE8-20

colour:

size: **S - XXXL**

### features:

- ▶ Made with PVC coating with soft woven cotton reverse
- ▶ Extremely hard wearing and waterproof, flexible and flame resistant
- ▶ Includes zip and press studded storm flap
- ▶ Comfort hood with draw cord
- ▶ Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- ▶ Conforms to EN 343, EN 14116



**OCEAN**

## Offshore Crewman Bib & Brace Trousers

code: OCE836-13

colour: HV+

size: **S - XXXL**

### features:

- ▶ Orange panels made from PVC coating with soft woven cotton reverse, blue panels made from coating with soft knitted polyester reverse
- ▶ Unique blend of materials provide an extremely hard wearing yet flexible garment
- ▶ Includes elasticated braces and fix lock buckles, knee reinforcement with pocket for knee pad, inside pocket with zip
- ▶ Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- ▶ Conforms to EN 343







OCEAN

## Offshore Crewman Jacket

code: OCE836-20

colour:

size: **S - XXXL**

### features:

- Orange panels made from PVC coating with soft woven cotton reverse, blue panels made from PVC coating with soft knitted polyester reverse
- Unique blend of materials to provide an extremely hard wearing yet flexible garment
- Include zip, press studded storm flap and comfort hood with internal draw cord
- Press stud fitted for adjustment of sleeves
- 3M reflective safety stripes on shoulders
- Conforms to EN 343



OCEAN

## Offshore Jacket

code: OCE3026

colour:

size: **S - XXXL**

### features:

- Jacket includes zip and press-studded storm flap
- Comfort hood with drawcord
- Press studs are provided for adjustment of cuffs
- Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Conforms to EN 343, EN 14116



OCEAN

## Offshore Bib & Brace Trousers

code: OCE3013-02

colour:

size: **S - XXXL**

### features:

- Features include elasticated braces with fix lock buckles
- Fastening press studs at ankle for adjustment
- Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Conforms to EN 343, EN 14116



OCEAN

## Agriculture Offshore Jacket

code: OCE3020

colour:

size: **S - XXXL**

### features:

- Made from PVC coating with soft knitted polyester reverse
- Flexible, hard wearing, extremely waterproof, flame resistant and resistant to food fats and oils
- Includes zip, press studded storm flap and comfort hood with draw cord
- Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Conforms to EN 343, EN 14116





## OCEAN

### Offshore Hurricane Bib & Brace Trousers

code: OCE916

colour:    

size: **S - XXXL**

#### features:

- Made from PVC coating with soft woven cotton reverse
- Extremely hard wearing and waterproof, flexible and flame resistant
- Includes elasticated braces with fix lock buckles, fastening press studs at ankle
- Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Conforms to EN 343, EN 14116



## OCEAN

### Offshore Hurricane Smock

code: OCE80-17C

colour:    

size: **S - XXXL**

#### features:

- Smock includes comfort hood and internal draw-cord
- Chest/neck area features release studs for easy access
- Press-studs are also provided for adjusting cuffs
- Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Hi-glo orange includes reflective safety stripes on shoulders
- Also available with neoprene storm cuff
- Conforms to EN 343, EN 14116



## OCEAN

### Offshore Classic Bib & Brace Trousers

code: OCE916-02

colour:    

size: **S - XXXL**

#### features:

- Features include elasticated braces with fix lock buckles
- Fastening press studs at ankle for adjustment
- Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Conforms to EN 343, EN 14116



## OCEAN

### Offshore Classic Smock

code: OCE817

colour:    

size: **S - XXXL**

#### features:

- Smock includes comfort hood and internal draw-cord
- Chest/neck area features release studs for easy access
- Pressstuds are also provided for adjusting cuffs
- Extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Hi-glo orange includes 3M reflective safety stripes on shoulders
- Conforms to EN 343, EN 14116



OCEAN

## Offshore Classic Trousers

code: OCE812

colour: ● ● ● ●

size: **S - XXXL**

### features:

- Made from PVC coating with soft woven cotton reverse
- Extremely hard wearing and waterproof, flexible and flame resistant
- Includes elasticated waist with press studded release flap, belt loops, ankle press studs
- Extra wide high frequency welded seams ensure reliability under the most extrem conditions
- Conforms to EN 343, EN 14116



OCEAN

## Offshore Coverall with Welded Glove

code: OCE3050

colour: ● ●

size: **S - XXXL**

### features:

- Comfort hood with draw-cord
- Zipper and press studded storm flap
- Elasticated rear waist panel
- Press studs are fitted for adjustment of cuffs and ankles
- Available with all sleeve possibilities
- Conforms to EN 343, EN 14116



OCEAN

## Offshore Budget Coverall

code: OCE1850

colour: ● ●

size: **S - XXXL**

### features:

- Coverall with two-way zip and press studded storm flap in front
- Loose hanging comfort hood with draw cord (elastic at rear)
- Knitted cuffs in sleeves and press-studs for adjustment of sleeves and ankle hems
- Also includes chest pocket with press-studded storm flap
- Conforms to EN 343



OCEAN

## Cleaning & Food Processing Bib & Brace Trousers

code: OCE3615

colour: ● ●

size: **S - XXXL**

### features:

- Soft feel PU for extra movement and also incorporates tear resistant properties
- Withstands higher water pressure
- Features include elasticated braces with fix lock buckles and elasticated ankles
- Conforms to EN 343





## OCEAN

### Cleaning & Food Processing Bib & Brace Trousers with Knee Enforcement code: OCE33613

**colour:** 

**size:** **S - XXXL**

#### features:

- Front made from PVC/polyester, back made from PU/nylon
- Extreme tear resistant combined with high comfort
- Overall features elasticated braces with fix lock buckles
- Knee re-enforcement and kneepad pockets
- Internal pocket with zip
- Conforms to EN 343



## OCEAN

### Cleaning & Food Processing Smock code: OCE3615

**colour:**   

**size:** **S - XXXL**

#### features:

- Material: 240g PU/polyester
- Soft feel PU for extra movement and also incorporates tear resistant properties
- Withstands higher water pressure
- Smock includes comfort hood and internal draw-cord
- Chest/neck area features release studs for easy access
- Sleeves with elasticated cuffs
- Conforms to EN 343



## OCEAN

### PU & PVC Allround Comfort Stretch Bib & Brace Trousers code: OCE20-5413

**colour:**      

**size:** **S - XXXL**

#### features:

- Made from comfort stretch polyurethane outer coating with soft knitted polyester reverse/lining
- Soft feel, comfort stretch for extra movement and also incorporates tear resistant properties
- Includes elasticated waist with adjustable draw cord, vertical release zip and velcro adjustable fastening at hem of ankle
- Conforms to EN 343



## OCEAN

### PU & PVC Allround Comfort Stretch Trousers code: OCE20-5412

**colour:**      

**size:** **S - XXXL**

#### features:

- Made from comfort stretch polyurethane outer coating with soft knitted polyester reverse/lining
- Soft feel, comfort stretch for extra movement and also incorporates tear resistant properties
- Includes elasticated waist with adjustable draw cord, vertical zip release and velcro adjustable fastening at hem of ankle
- Conforms to EN 343



OCEAN

## PU & PVC Allround Comfort Stretch Jacket

code: OCE20-5420B

colour:

size: **S - XXXL**

### features:

- Jacket includes a zip with press studded storm flap
- Rear additional ventilation, fold away hood in collar
- Adjustable lower hem cord
- Sleeves include elasticated cuffs with velcro adjustment flap
- Conforms to EN 343



OCEAN

## PU & PVC Allround Comfort Stretch Coverall

code: OCE2054-50

colour:

size: **S - XXXL**

### features:

- Comfort stretch polyurethane outer coating with soft knitted polyester reverse/lining
- Soft feel, comfort stretch for extra movement and also incorporates tear resistant properties
- YKK zippers
- Water resistance: 8,000 mm
- Coverall with two-way main zip and press-studded storm flap at front
- Loose hanging comfort hood with draw-cord
- Elasticated waist area and press-studs are fitted for adjustable ankle hem
- Conforms to EN 343



OCEAN

## Leggings

code: OCE5015

colour:

size: **S - XXXL**

### features:

- Sizes: one size material woven polyester rip-stop coated PVC reverse
- All seams are double stitched and PU tape sealed
- Material (lining): 100% polyester
- Leggings feature velcro belt straps and are hard wearing
- Conforms to EN 343



OCEAN

## Outdoor Leisure Wind & Waterproof Leisuresuit

code: OCE-4054

colour:

size: **S - XXXL**

### features:

- Woven nylon coated with a PVC reverse
- All seams are double stitched and tape sealed
- Practical light weight rain suit comprising of jacket and trousers
- Includes jacket with zip and ventilation in rear, fold away hood in collar, 2 front pockets with storm flap and sleeves with elasticated cuffs and velcro strap for adjustment
- Trousers include elasticated waist and 2 pocket access points
- Conforms to EN 343





**OCEAN**

## Outdoor Leisure Breathable Leisuresuit

code: OCE-1054

colour:   

size: **S - XXXL**

### features:

- ▶ The ultimate leisure rain set manufactured in the finest technical materials and with a superb micro-fibre finish
- ▶ 3-layer membrane with polyester
- ▶ Jacket with main zip and velcro fastened storm flap, fold away hood in collar
- ▶ Inner pocket, 2 front pockets with zip and storm flap
- ▶ Adjustable waist and lower hem cord, sleeves feature elasticated cuffs and velcro adjustment flap
- ▶ Trousers feature elasticated waist band with drawcord
- ▶ Ankles include velcro fastening at hem
- ▶ YKK zippers
- ▶ Water resistance: 5,000 mm
- ▶ Breathability: 5,000 mvp
- ▶ Conforms to EN 343



**OCEAN**

## Breathable Wind & Waterproof Leisuresuit

code: OCE-1057B

colour:    

size: **S - XXXL**

### features:

- ▶ Poratex membrane with polyester. Jacket with main zip and pressstudded storm flap, fold away hood in collar
- ▶ Inner pocket, 2 front pockets with zip and storm flap
- ▶ 1 chest pocket with zip
- ▶ Adjustable waist and lower hem cord, sleeves feature elasticated cuffs and velcro adjustment flap
- ▶ Trousers feature elasticated waist band with draw-cord
- ▶ 4 zipped pockets
- ▶ Ankles include vertical release zip and velcro fastening at hem
- ▶ YKK zippers
- ▶ Water resistance: 5,000 mm
- ▶ Breathability: 5,000 mvp
- ▶ Conforms to EN 343



OCEAN

## Outdoor Leisure Breathable Wind & Waterproof Leisuresuit code: OCE-1067

colour: size: **S - XXXL**

### features:

- ▶ Poratex excel membrane peached with polyester
- ▶ Seams are double stitched and PU tape sealed
- ▶ Jacket with main zip and press-studded storm flap, fold away hood in collar
- ▶ Inner pocket, 2 front pockets with zip and storm flap
- ▶ 1 chest pocket with zip
- ▶ Adjustable waist and lower hem cord, sleeves feature elasticated cuffs and velcro adjustment flap
- ▶ Trousers feature elasticated waist band with draw-cord
- ▶ 4 zipped pockets
- ▶ Ankles include vertical release zip and velcro fastening at hem
- ▶ YKK zippers
- ▶ Water resistance: 5,000 mm
- ▶ Breathability: 5,000 mvp
- ▶ Conforms to EN 343



OCEAN

## Work Wear Balder Trousers code: OCE81-12

size: **S - XXXL** colour:

### features:

- ▶ Outside easy phone pocket
- ▶ Wide belt strop on the rear spreads the weight pressure
- ▶ 2 velcro tool fasteners, belt and elastic adjustment in lining
- ▶ Front hanger for ID-sign
- ▶ Spacious rear pockets with velcro and very strong front pockets
- ▶ Detachable holster pockets with flap protection of zipper and button fastened for extra safety
- ▶ Ruler pocket with adjustable lower part makes it much more flexible and comfortable
- ▶ Multifunctional outer leg pocket with velcro
- ▶ Dupont Cordura reinforced knee pockets with technical adjustments and a flap to prevent water ingress
- ▶ Reinforced triple stitched seams
- ▶ YKK zippers
- ▶ Nano Teflon treated, for additional strength and stain resistance
- ▶ Reflex pipings
- ▶ Dupont Cordura reinforced legs





**OCEAN**

## Work Wear Balder Jacket

code: OCE81-20

colour: 

size: **S - XXXL**

### features:

- ▶ Outside easy phone pocket
- ▶ 2 large chest pockets with protective flaps
- ▶ Technical velcro cuff adjustments
- ▶ Practical arm pocket for pens small tools etc
- ▶ Protected adjustable waistband function
- ▶ Strong reinforced side pockets with high end zippers
- ▶ Extended rear length for protection against foul weather
- ▶ Reinforced triple stitched seams
- ▶ YKK zippers
- ▶ Nano Teflon treated, for additional strength and stain resistance



**OCEAN**

## Work Wear Medusa Breathable Jacket

code: OCE130-20

colour:  

size: **S - XXXL**

### features:

- ▶ Outer material: 100% polyester
- ▶ Inner material: advanced polyester lining and quilted insulation
- ▶ The jacket gives you a perfect protection against rain and rough weather conditions
- ▶ Very durable and strong outer material
- ▶ Inside telephone pocket
- ▶ 2 large chest pockets with protective flaps
- ▶ High neck with fleece inside for insulation
- ▶ Wide elasticated rib in waist and cuff
- ▶ 2 inside pockets
- ▶ Side pockets with flaps
- ▶ YKK zippers
- ▶ Water resistance: 13,000 mm
- ▶ Breathability: 5,000 mvp



**OCEAN**

## Work Wear Thor Jacket

code: OCE80-20G

colour:     

size: **S - XXXL**

### features:

- ▶ Material: 65% polyester and 35% cotton canvas, 320g
- ▶ Outside easy phone pocket
- ▶ 2 large chest pockets with protective flaps
- ▶ Technical velcro cuff adjustments
- ▶ Practical arm pocket for pens, small tools etc
- ▶ Protected adjustable waistband function
- ▶ Dupont Cordura reinforced side pockets with high end zippers
- ▶ Extended rear length for protection against foul weather
- ▶ Reinforced triple stitched seams
- ▶ YKK zippers
- ▶ Nano Teflon treated, for additional strength and stain resistance



**OCEAN**

## Work Wear Thor Basic Trousers

code: OCE80-12B

colour:     

size: **S - XXXL**

### features:

- ▶ Outside easy phone pocket
- ▶ Wide belt strap on the rear spreads weight pressure
- ▶ Spacious rear pockets with velcro
- ▶ Very strong front pockets with Dupont Cordure reinforcements
- ▶ Ruler pocket with adjustable lower part making it much more flexible and comfortable
- ▶ Multi-functional outer leg pocket with velcro
- ▶ Reinforced triple stitched seams



OCEAN

## Work Wear Thor Hi-Vis Trousers code: OCE80-12-9

colour:

size: **S - XXXL**

### features:

- Outside easy phone pocket
- Wide belt strap on the rear spreads weight pressure
- 2 velcro tool fasteners, belt and elastic adjustment in lining
- Front hanger for ID sign
- Spacious rear pockets with velcro
- Very strong front pockets with Dupont Cordure reinforcements
- Ruler pocket with adjustable lower part making it much more flexible and comfortable
- Multi-functional outer leg pocket with velcro
- Reinforced triple stitched seams
- Nano Teflon treated, for additional strength and stain resistance
- Conforms to EN 471



OYSTER

## Canvas Trousers

code: AC-50202

colour:

size: **32/29 - 38/29 28/31 - 46/31 30/33 - 40/33**

### features:

- Canvas 65% polyester 35% cotton, oeko tex standard 100
- 4 pockets all around, all the 3-fold stitched seams, cell phone pocket, zippered security pocket
- 2 cargo pockets with locking balls for Snapfast
- Attaching Snapfast tool bags



## OYSTER Bib & Brace Trousers code: AC-50300-029-052

colour:

size: **32/29 - 38/29 28/31 - 46/31 30/33 - 40/33**

### features:

- 65% polyester 35% cotton
- Triple stitched seams
- Reinforced side pockets
- One bib pocket with zip and a flap
- Metal zip fly fastening
- Double ruler pocket on the right and a thigh pocket on the left
- Key loop
- Two back hip pockets (one of them with a flap)
- Waistband adjustable
- Elasticized straps for maximum comfort
- Double knee pad pockets





**OYSTER**

## Diamant Trousers

code: AC-50200

colour: ●+●●

size: 32/29 - 38/29 28/31 - 46/31 30/33 - 40/33

### features:

- ▶ 65% polyester 35% cotton, front waist pleats, triple stitched seams, key loop
- ▶ Two back hip pockets (one of them with a flap), double pockets, with a rule pocket on the right and a thigh pocket on the left
- ▶ 6 Snapfast positions for tool fixing



**OYSTER**

## Diamant Jacket

code: AC-50100

colour: ●+●●●●

size: S - XXXL

### features:

- ▶ 65% polyester 35% cotton, with triple stitched seams, many twin stitched seams for strength
- ▶ 2 chest pockets with flaps, 1 inside security pocket, 2 side pockets, sleeve pocket, stud adjustable cuffs, front metal-zip, action back



**OYSTER**

## Pilot Trousers code: AC-010

colour: ●●

size: 30/29 - 42/29 28/31 - 46/31 30/33 - 42/33

### features:

- ▶ Original Beaver 50% cotton 50% polyamide, teflon TM impregnated, water and soil repellent, windproof and breathable
- ▶ Beaver nylon is renowned for its abrasion resistance and tear strength triple stitched seams, front waist pleats, zip fly fastening
- ▶ 2 side pockets and 1 thigh pocket with velcro
- ▶ 2 hip pockets, one of them with a flap and a press stud,
- ▶ 1 rule pocket on the right key loop
- ▶ 6 Snapfast positions for tool fixing kneepockets for kneepads



**OYSTER**

## Pilot Jacket

code: ARK50177

colour: ●●●●

size: S - XXXL

### features:

- ▶ Original Beaver 50% cotton 50% polyamide, teflon TM impregnated, water and soil repellent, windproof and breathable
- ▶ Beaver nylon is renowned for its abrasion resistance and tear strength, fleece collar, thick fur lining
- ▶ Two side welt pockets, two zipped chest pockets, including a mobile phone pocket, knitted cuffs and waistband, one large zipped inside security pocket, zipped pocket in sleeve


**OYSTER**

### Driver Zip Jacket

code: ARK50103-010

**colour:**
**size:** S - XXXL

**features:**

- Original Beaver 50% cotton 50 % polyamide, teflon TM impregnated, water and soil repellent, windproof and breathable
- Beaver nylon is renowned for its abrasion resistance and tear strength, fleece collar, thick fur lining
- Two side welt pockets, two zipped chest pockets, including a mobile phone pocket, knitted cuffs and waistband, one large zipped inside security pocket, zipped pocket in sleeve


**OYSTER**

### Outdoor Full Zip Fleece Jacket

code: AC-53156-010

**colour:**
**size:** S - XXXL

**features:**

- 100% polyester fleece, continuous zipper, set-in sleeves
- Two zippered side pockets, cuffs with elastic hem with elastic drawstring


**OYSTER**

### Fleece Lined Bodywarmer

code: AC-53863

**colour:**
**size:** S - XXXL

**features:**

- 100% polyester with fleece lining, porch bar
- 2 chest pockets, two side pockets, 1 mobile phone pocket
- Move laterally adjustable, with reflective piping


**OYSTER**

### Fleece Pullover

code: AC-50830

**colour:**
**size:** S - XXXL

**features:**

- 100% polyester fleece, continuous zipper, set-in sleeves, two zippered side pockets, cuffs with elastic hem with elastic drawstring





**OYSTER**

## Diamant Coverall

code: AC-50400-040

colour: 

size: **S - XXXL**

### features:

- ▶ 65% polyester 35% cotton
- ▶ Triple stitched seams
- ▶ Concealed metal zip front
- ▶ Waistband adjustable with rubber
- ▶ Reinforced front pockets
- ▶ 2 chest pockets with flaps and press stud
- ▶ A pocket in sleeve
- ▶ Active back
- ▶ 2 hip pockets
- ▶ Cuffs adjustable with stud buttons



**OYSTER**

## Knee Pads

code: ARK13100

### features:

- ▶ Fits in all Oyster knee pockets



**OYSTER**

## Tool Belt

code: AC-11032-091

### features:

- ▶ 65% polyester 35% cotton
- ▶ Colour: black

**6** *Chainmail*







## Maximum Protection & Premium Quality **niroflex® manabo®**

**Chain mail gloves, aprons and boleros** provide exceptional protection against cuts and stabs caused by hand knives. They are mainly used in the meat and poultry processing industry but also in the garment, textile, leather and paper industries. Cut resistant knitted gloves made from **Kevlar, Spectra** and other cut resistant fibers provide limited cut protection only and are not puncture proofed.

The charts below show how to choose the correct size of apron, bolero and gloves. Gloves should fit comfortably which means not too tight especially at the finger tip. The sizing codes are shown in the catalogue. The size is represented by the colour of the bar code tag, the coloured stiffeners in the gauntlet, or by the colour of the strap.

**CE-approval** according to the European Standards EN 420, EN 1082-1 and EN 13998 as required by European Guidelines 85/686/EWG

**Hazard Analysis and Critical Control Point (HACCP)** for protection and safety clothing of 15.01.1997 according to EG guidelines for food hygiene and safety (EWG L 175/1).

**United States Department of Agriculture (USDA)**, Code of Federal Regulations (CFR), Title 21, Section 110.10 (b)(5), 04/1997 and (FFDCA) Federal Food, Drug and Cosmetic Act. Food and Drug Administration (FDA)

EN STANDARDS		
Gloves	Niroflex 2000, Niroflex Fix, Niroflex fm Plus and Manabo	EN 1082-1
	Niroflex Easyfit	EN 14328, EN 1811
Aprons & Boleros		EN ISO 13998:2003 LEVEL 2

APRONS TYPE 7.0 / 4.2		
ACCORDING TO EN ISO 13998:2003 LEVEL 2		
Height cm	Chest girth	Apron sizes
160-172	80-100	45 x 75
174-186	100-115	55 x 80
188-196	120-130	60 x 85

BOLEROS TYPE 7.0 / 4.2		
ACCORDING TO EN ISO 13998:2003 LEVEL 2		
Height cm	Chest girth	Bolero sizes
until 199	until 115	55 x 90
until 220	until 135	65 x 100

GLOVE SIZES							
000 XXXS	00 XS	0 XS	1 S	2 M	3 L	4 XL	5 XXL
black	brown	green	white	red	blue	orange	olive



patented clip fastener ▶


**niroflex® 2000**
**Hand Glove** code: ACM36

**Cuff Glove:**

length: **7.5cm** **15cm** **19cm** **22cm**  
code: ACM37 ACM38 ACM39 ACM40

**Full Arm Glove** code: ACM41

size: **XXS** **XS** **S** **M** **L** **XL** **XXL**

**features:**

- ▶ Metal clasp for easy adjustable fastening
- ▶ Strap made from ring mesh
- ▶ Ambidextrous
- ▶ Unique fit due to ergonomic design
- ▶ No mesh overflow at the finger tips
- ▶ Best comfort due to soft and elastic cuff stiffener
- ▶ Colored plastic stiffeners according to the sizing colour code
- ▶ Complete closed cuff design for perfect protection
- ▶ Serial number and barcode marking
- ▶ Easy cleaning without residue
- ▶ Conforms to EN 1082-1

removable plastic straps ▶


**niroflex® EASY FIT**
**Hand Glove** code: ACM32

**Cuff Glove:**

length: **7.5cm** **19cm**  
code: ACM30 ACM25

**Full Arm Glove** code: ACM31

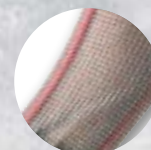
size: **XXS** **XS** **S** **M** **L** **XL** **XXL**

**features:**

- ▶ Elastic and soft plastic strap with optimum hygienic properties
- ▶ Easy and quick exchange of strap without any tools
- ▶ Ambidextrous
- ▶ Flexible plastic stiffeners for best comfort
- ▶ Coloured plastic stiffeners according to the sizing colour code
- ▶ Complete closed cuff design for perfect protection
- ▶ Perfect fit due to ergonomic design
- ▶ Serial number and barcode marking
- ▶ Conforms to EN 1082-1, EN 143281, EN 1811



patented steel tension spring system (STS)


**niroflex® FIX!**
**Hand Glove** code: ACM45

**Cuff Glove:**

length: **8cm** **15cm** **19cm**  
code: ACM46 ACM47 ACM48

**Sleeve Up To Shoulder Glove** code: ACM50

**Full Arm Glove** code: ACM49

size: **XXS** **XS** **S** **M** **L** **XL** **XXL**

**features:**

- ▶ Stainless steel fastener for self-adjustment
- ▶ Patented fastening system with a stainless steel tensile spring
- ▶ Easy to pull on and to take off
- ▶ Ambidextrous
- ▶ Highest mesh quality due to plasma welding technology
- ▶ Best fit due to ergonomic design
- ▶ Best comfort due to soft and elastic cuff stiffener
- ▶ Coloured plastic stiffeners according to the sizing colour code
- ▶ Complete closed cuff design for perfect protection
- ▶ Serial number and bar-code marking
- ▶ Perfect choice for cleaning in drum washing machines
- ▶ Conforms to EN 1082-1





**niroflex<sup>®</sup> fm PLUS**

**Hand Glove** code: ACM33

**Cuff Glove:**

length: **7.5cm** **19cm**

code: ACM34, ACM35

size: **XXS XS S M L XL XXL**

**features:**

- Metal clasp for easy adjustable fastening
- Fabric strap
- Ambidextrous
- Unique fit due to ergonomic design
- No mesh overflow at the finger tips
- Best comfort due to soft and elastic cuff stiffener
- Colored plastic stiffeners according to the sizing colour code
- Complete closed cuff design for perfect protection
- Serial number and barcode marking
- Easy cleaning without residue
- Conforms to EN 1082-1

manabo's micro plasma steel weld ▶



**manabo<sup>®</sup> Stainless Steel:**

**5 Digit Hand Glove** code: ACM001

size: **XXXS XXS XS S M L XL XXL**

**Long Arm Glove** code: ACM002

size: **XXXS XXS XS S M L XL XXL**

**Full Arm Shoulder Gauntlet** code: ACM003

size: **XXXS XXS XS S M L XL XXL**

**features:**

- Stainless steel fastener for self-adjustment
- Patented fastening system with a stainless steel tensile spring
- Easy to pull on and to take off
- Ambidextrous
- Highest mesh quality due to plasma welding technology
- Best fit due to ergonomic Design
- Best comfort due to soft and elastic cuff stiffener
- Colored plastic stiffeners according to the sizing colour code
- Complete closed cuff design for perfect protection
- Serial number and barcode marking
- Perfect choice for cleaning in drum washing machines
- Conforms to EN 1082-1



manabo's micro plasma titanium weld ▶



**manabo<sup>®</sup> Titanium**

**5 Digit Hand Glove** code: ACM001T

size: **XXXS XXS XS S M L XL XXL**

**features:**

- More durable than stainless steel
- Almost 50% lighter in weight
- Anti-allergenic and no skin irritations
- No cold temperature conductivity like steel
- Conforms to EN 1082-1





TPU-X-harness



## niroflex<sup>®</sup> Chainmail Apron Type 4.2

code: ACM58

size: 75 x 45cm 80 x 55cm 85 x 60cm

## Chainmail Apron Type 7.0

code: ACM57

size: 75 x 45cm 80 x 55cm 85 x 60cm

### features:

- Best comfortable secure fit
- 100% stainless steel
- Blue TPU-X-harness
- Easy cleaning without residue
- Ring size 7.0 mm
- Type 4.2 is recommended with use of pointed knives
- Conforms to EN ISO 13998:2003 - Protection level 2



TPU waist strap



## niroflex<sup>®</sup> Chainmail Bolero Type 4.2

code: ACM58/9055S

size: 90 x 55cm

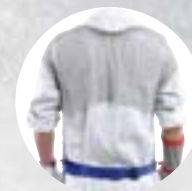
## Chainmail Bolero Type 7.0

code: ACM57

size: 90 x 55cm 100 x 65cm

### features:

- Additional protection for chest and shoulder
- Best comfortable secure fit
- 100% stainless steel
- Blue waist strap of hygienic TPU
- Easy cleaning without residue
- Type 4.2 is recommended for use with pointed knives
- Conforms to EN ISO 13998:2003 - Protection level 2



TPU waist strap



## niroflex<sup>®</sup> Chainmail Bolero Type 4.2 with Arm

size: 55 x 90cm ..... code: ACM013

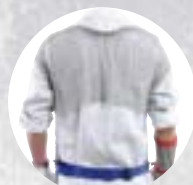
65 x 100cm ..... code: ACM014

### features:

- Additional protection for chest and shoulder
- Best comfortable secure fit
- 100% stainless steel
- Blue waist strap of hygienic TPU
- Easy cleaning without residue
- Type 4.2 is recommended for use with pointed knives
- Conforms to EN ISO 13998:2003 - Protection level 2



TPU waist strap



TPU waist strap



knife holster



TPU waist strap



**niroflex**

## Chainmail Split Leg Bolero Type 4.2

code: ACM27

size: **55 x 100cm**

### features:

- ▶ Additional protection for chest and shoulder
- ▶ Best comfortable secure fit
- ▶ 100% stainless steel
- ▶ Blue waist strap of hygienic TPU
- ▶ Easy cleaning without residue
- ▶ Type 4.2 is recommended for use with pointed knives
- ▶ Conforms to EN ISO 13998:2003 - Protection level 2

**niroflex**

## Chainmail Bolero Type 4.2 with Knife Holster

code: ACM015

size: **65 x 100cm**

### features:

- ▶ Additional protection for chest and shoulder
- ▶ Best comfortable secure fit
- ▶ 100% stainless steel
- ▶ Blue waist strap of hygienic TPU
- ▶ Easy cleaning without residue
- ▶ Type 4.2 is recommended for use with pointed knives
- ▶ Conforms to EN ISO 13998:2003 - Protection level 2

**niroflex**

## Chainmail Chaps Type 4.2

code: ACM26

waist: **110cm**

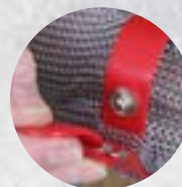
### features:

- ▶ Additional protection for chest and shoulder
- ▶ Best comfortable secure fit
- ▶ 100% stainless steel
- ▶ Blue waist strap of hygienic TPU
- ▶ Easy cleaning without residue
- ▶ Type 4.2 is recommended for use with pointed knives
- ▶ Conforms to EN ISO 13998:2003 - Protection level 2






easy and quick exchange  
of strap without any tools ▶



**niroflex® ACCESSORIES**  
**TPU Strap w/ Buckle Snap**  
code: ACM61

**niroflex® ACCESSORIES**  
**Chainmail Glove Tensioner**

colour:  code: ACM021

 code: ACM022

**features:**

- ▶ Made from 100% polyurathane
- ▶ Hard wearing and long lasting
- ▶ Best comfortable secure fit
- ▶ One size fits all
- ▶ Available in blue and white



**manabo® ACCESSORIES**  
**TPU Strap w/ Buckle Snap** code: ACM61  
**Replacement Strap for Shoulder Gauntlet** code: ACM0012F



**niroflex® ACCESSORIES**  
**Clear Plastic Armguard** code: ACM63

**features:**

- ▶ Professional standard polycarbonate armguard



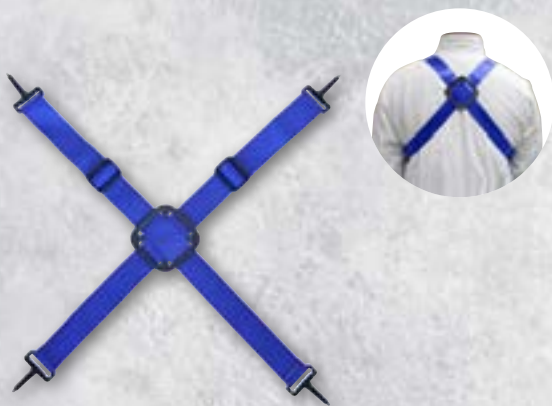
**manabo® ACCESSORIES**  
**Replacement Strap for Apron**  
code: ACM019



**Work Safely with Us! >>>>**

**Ark Safety Equipment Ltd** 1 Mygan Business Park, Jamestown Road, Finglas, Dublin 11  
T: +353 1 834 0388 F: +353 1 834 0343 W: [www.arksafety.ie](http://www.arksafety.ie) E: [sales@arksafety.ie](mailto:sales@arksafety.ie)

page **74**



**niroflex® ACCESSORIES**

**Blue Plastic Cross Harness** code: ACM62

**features:**

- For use with all mesh aprons



## **7** *Disposable Garments*





## European Standards for Disposable PPE



The garments for chemical protection belong to the category III defined by 89/686/cee directive. This category groups together the PPE intended for the protection against serious or irreversible risks. Standards have been developed at European scale concerning test methods and performance levels applicable to PPE for each of the characteristics of physical and chemical protection tested :

- **EN 465:** Garments for chemical protection
- **EN 369:** Garments for chemical protection
- **EN 468:** Garments for chemical protection
- **EN 374-2:** Gloves for micro - organisms protection
- **EN 374-3:** Gloves for chemical protection

Furthermore, projects of European standards have been established and 6 types of garments have been defined by the CEN/TC162 for chemical protection garments:

- **TYPE 1** Tight to gases
- **TYPE 2** Tight to gases, non tight joint
- **TYPE 3** Tight to liquids
- **TYPE 4** Tight to aerosols

- **TYPE 5** Tight to particles
- **TYPE 6** Tightness limited to splashes and particles

The types are determined by submitting the whole garment to tests. Type tests include:

- Test for seams resistance
- Test for internal leak (only type 1)
- Test for internal pressure (only type 1)
- Performance test into practice
- Test for movement easiness in 7 stages
- Test for squirt (type 3) according to EN 463
- Test for aerosols (type 4) according to EN 468
- Test for particles (type 5) according to CEN/TC162/WG3/G3/N81
- Test limited for aerosols (type 6) according to EN 463.

### EN 465 Standard: Garments for Chemical Protection

Relative to performance requirements for chemical protection garments with fogs tight joints between the different parts of the garments.

**EN 369 & EN 468 Standard: Garments for Chemical Protection.** Garments for chemical protection. Protection against liquid chemicals. Test methods: materials resistance to fog penetration.

**EN 374-2 Standard: Gloves for Micro-Organisms Protection.** The EN 374-2 standard specifies a test method for the resistance to penetration of protective gloves by chemicals and / or micro - organisms. When the gloves resist to penetration, and when tested according to this section of the EN 374 standard, they constitute an effective barrier against microbiological risks.

### EN 374-3 Standard: Gloves For Chemical Protection

The EN 374-3 standard regards the determination of the materials resistance constituting the gloves for permeation by non gaseous chemicals potentially dangerous in case of continuous contact. It is therefore advisable to insist on the fact that this test does not account for the conditions liable to be met during service, and it is highly recommended to use the test results, which have an essentially relative value, only to compare materials by high categories of time of passage.



## Disposable Coverall

code: AC001G

colour: 

size: **S - XXXL**

### features:

- Cat III complex design
- Conforms to EN 13982-1, EN 13034, EN 1149
- Type 5/6 protection
- Limited hazardous splash protection
- Particle protection
- Breathable and antistatic
- Silicon free
- Wrist/ankle closure
- Zip front with fly cover
- Individually wrapped



## PP Visitor Coat

code: AC105

colour:     

size: **S - XXXL**

### features:

- Polypropylene
- Compact sachet pocket



## 20 Micron PE Apron

code: AD002

colour:     

size: **S - XXXL**

### features:

- Polyethylene
- Flat pack or roll
- Standard width: 69cm
- Lengths in flat pack: 107 and 122cm
- Lengths in roll: 107cm
- 20 microns thickness



## PP Boilersuit

code: AC002B

colour:   

size: **S - XXXL**

### features:

- Non-woven polypropylene
- Zipper front
- Elasticated wrists/ankles
- Hood
- Individually wrapped



## PE Visitor Coat

code: AD014N

colour:     

size: **S - XXXL**

### features:

- Polyethylene
- Compact sachet pocket
- 150cm chest size x 13cm length



## 50 Micron PE Apron

code: AD002/50

colour:     

size: **S - XXXL**

### features:

- Polyethylene
- Flat pack
- Width: 69cm
- Length: 138cm
- 50 microns thickness







## PVC Apron

code: AD43112

colour: ☐ ☐ ☐

size: **S - XXXL**

### features:

- ▶ Smooth PVC
- ▶ Neck/waist cord
- ▶ Non metal eyelets



## Disposable Overshoe

code: AD015

colour: ☐ ☐ ☐ ☐ ☐

size: **1 size**

### features:

- ▶ Compressed polyethylene
- ▶ Elasticated ankle strap
- ▶ Embossed for grip



## PVC Oversleeve

code: AD016

colour: ☐ ☐ ☐

size: **1 size**

### features:

- ▶ Polyvinyl chloride
- ▶ Elasticated wrist/elbow
- ▶ Size: 54 x 24cm



## Apron Dispenser

code: AD002RD

colour: ☐

### features:

- ▶ Hygienic plastic construction
- ▶ White plastic
- ▶ Sized for roll aprons
- ▶ Washable
- ▶ Suitable for wall fixing



## Deluxe Overshoe

code: AD015T

colour: ☐ ☐ ☐

size: **1 size**

### features:

- ▶ Compressed PE sole
- ▶ PP upper
- ▶ Elasticated ankle grip
- ▶ Embossed for grip



## PE Oversleeve

code: AD016

colour: ☐ ☐ ☐ ☐ ☐

size: **1 size**

### features:

- ▶ Polyethylene
- ▶ Elasticated wrist/elbow
- ▶ One size





## PE Disposable Gauntlet

code: AD16424

colour:

size: 1 size

### features:

- Our lightweight PE gauntlets provide exceptional multi-purpose barrier protection – which is ideal for a huge variety of handling tasks
- 25 micron polyethylene
- Shoulder length 90cm



## Surgical Face Mask Loop

code: AD021B

colour:

size: 1 size

### features:

- Ear loops
- 3-ply spun polypropylene
- Surgical pattern



## Beard Mask

code: AD003

colour:

size: 1 size

### features:

- Spun polypropylene
- Elasticated edge
- Elasticated head loop



## Pleated Mop Cap

code: AD011

colour:

size: 1 size

### features:

- Spun polypropylene
- Pleated for compact storage
- 52cm diameter
- Elasticated head band (double stitched)
- Contrast stitching



## Balaclava Hood

code: AD027

colour:

size: 1 size

### features:

- Spun polypropylene
- Full head enclosure
- Elastic neck band
- 36cm crown to neck



## Bouffant Cap

code: AD023

colour:

size: 1 size

### features:

- Spun polypropylene
- Diameter: 61cm (24in)
- Elasticated head band





# Work Safely with Us! >>>

**Ark Safety Equipment Ltd** 1 Mygan Business Park, Jamestown Road, Finglas, Dublin 11  
T: +353 1 834 0388 F: +353 1 834 0343 W: [www.arksafety.ie](http://www.arksafety.ie) E: [sales@arksafety.ie](mailto:sales@arksafety.ie)

page **80**



## Hairnet

code: AD009B

colour:     

size: **1 size**

### features:

- Nylon mesh
- Elasticated edge



## Snood Cap

code: AD013

colour:     

size: **S - XXXL**

### features:

- General purpose head cover
- Spun polypropylene with peak
- Standard 21in diameter





## **8** *Hand Protection*





## The Highest Standards of Hand Protection



**Personal Protective Equipment Directive.** The Personal Protective Equipment at Work Directive 89/656/EEC require employers to provide the employees with appropriate Personal Protective Equipment (PPE). Protective gloves which are classified as PPE must be CE marked.

To assist in the selection of PPE, the Personal Protective Equipment Directive (89/686/EEC) is written such that safety equipment is categorised. This categorisation enables Safety Personnel to select the appropriate PPE to match the hazards and risks identified during Health and Safety Audits. In addition, the properties of protective gloves are described by a range of European Standards, and gloves must comply with relevant standards.

The PPE risk categories are described as simple, intermediate and complex design. Simple design gloves may be used in situations where the end-user can identify the hazards and level of protection required; where the effects of the hazard are gradual and can be identified in good time. Examples of simple design gloves include: gardening gloves, protection against cleaning materials of weak action, protection against heat (not above 500°C), and protection against minor impacts and vibrations. Complex design gloves protect against dangers that may seriously or irreversibly damage health, the effects of which the end-user cannot identify in sufficient time. Such gloves include: protection against chemical attack or ionising radiation, protection against heat where the air

temperature is above 1000°C, protection against cold where the air temperature is below -500°C, and protection against electrical risks (for example, high voltage). Intermediate design gloves are those products which do not fall into either the simple design or complex design categories. Whatever the category, gloves must comply with the essential health and safety requirements of the PPE directive.

European Standards have been developed to enable the assessment of intermediate and complex design gloves. All gloves must comply with EN 420 General Requirements for gloves. Other standards relate to specific types of hazards. The standards provide a system for evaluating the performance of the glove according to stated levels. Pictograms are defined to provide a means of identifying the hazard against which the glove provides protection.

**European Standards (ENs).** General Requirements of EN 420. EN 420 defines the general requirements for most types of protective gloves:

- Product and packaging information and marking
- Design and construction
- Fitness for the purpose
- Sizing
- Comfort and efficiency
- Innocuousness
- Storage

### Chemical and Micro-Organism - EN 374

**Rating**

**EN 374-2** Resistance to penetration by micro-organisms. Referred to as acceptable quality level (AQL)

1-3

**EN 374-3** Resistance to chemical hazards (permeation)

1-6

### Mechanical Hazards - EN 388

**Rating**

a) Resistance to abrasion

0-4

b) Blade cut resistance

0-5

c) Tear resistance

0-4

d) Puncture resistance

0-4

### Protection from Cold - EN 511

**Rating**

a) Resistance to convection cold

0-4

b) Resistance to contact cold

0-4

c) Permeability to water

0-1

### Thermal Hazards (Heat and/or Fire) - EN 407

**Rating**

a) Burning behaviour

0-4

b) Contact heat

0-4

c) Convection heat

0-4

d) Radiant heat

0-4

e) Small splashes of molten metal

0-4

f) Large splashes of molten metal

0-4

The higher the score, the better the performance.

0 represents a fail - X denotes no test was carried out.



## Lightly Powdered Disposable Vinyl Glove

code: AG074 / code: AG067

colour: ● ● ● ●

size: **S - XL**

### features:

- ▶ AQL 1.5 – conforms to EN 455 parts 1-4
- ▶ High quality polyvinyl chloride
- ▶ Powdered
- ▶ Latex free
- ▶ Smooth finish
- ▶ Beaded cuff



## Powder Free Disposable Vinyl Glove

code: AG061PFE

size: **S - XL**

### features:

- ▶ AQL 1.5 – conforms to EN 455 parts 1-4
- ▶ High quality polyvinyl chloride
- ▶ Powder free
- ▶ Latex free
- ▶ Smooth finish
- ▶ Beaded cuff



## Nitrile Flock Lined Glove

code: AG095A

size: **M - XXL**

### features:

- ▶ Cat III complex design
- ▶ Conforms to EN 388 levels 4-0-0-1
- ▶ Conforms to EN 374 parts 1-3
- ▶ Enhanced chemical protection
- ▶ 15mm NBR
- ▶ 33cm length
- ▶ Textured grip palm
- ▶ Flock lined



## Blue Household Glove

code: AGHOUSE

size: **M - XL**

### features:

- ▶ Conforms to EN 388 levels 1-0-0-0
- ▶ Medium weight
- ▶ Beaded cuff
- ▶ Textured grip palm
- ▶ Flock lined



## Double Dipped PVC Glove

code: AG046

length: **14in**

### features:

- ▶ Cat III complex design
- ▶ Conforms to EN 388 levels 4-1-2-1
- ▶ Cotton interlock liner
- ▶ Textured palm for enhanced grip



## PVC Open Cuff Glove

code: AG044

length: **11in**

### features:

- ▶ Conforms to EN 388 4-1-3-1
- ▶ Medium weight PVC dip
- ▶ Cotton interlock liner
- ▶ Smooth finish
- ▶ Abrasion resistant







## PVC Knit Wrist Glove

code: AG043R

size: **M**

### features:

- Conforms to EN 388 4-1-3-1
- Medium weight PVC dip
- Cotton interlock liner
- Smooth finish
- Abrasion resistant
- Knit wrist



## Unlined Open Cuff Driver Glove

code: AG234

size: **S - XL**

### features:

- Conforms to EN 388 levels 4-1-2-3
- Soft grain leather
- Elastic tensioner
- Open cuff
- Unlined
- Azo free



## Lightweight Blue Nitrile Palm Dip Glove

code: AG094

size: **S - XL**

### features:

- Conforms to EN 388 levels 3-1-2-1
- Palm dip lightweight nitrile
- Cotton support liner
- Knit wrist
- Wet and dry grip



## Seamless PU Grip Nylon Glove

code: AGWP

colour:

size: **S - XXL**

### features:

- Seamless knitted nylon glove with lightweight PU grip coating
- Provides maximum dexterity, comfort and grip in wet and dry conditions
- Conforms to EN 388



## Grip Glove

code: AG099AD / AG099AE

colour:

size: **S - XL**

### features:

- Conforms to EN 388 levels 2-1-2-1
- Mixed fibre glove
- Latex palm coat
- Textured grip
- Ribbed knit wrist



## Furniture Hide Rigger Glove

code: AG018K / code: AG022

colour: Black / Red Rainbow

size: **S - XL**

### features:

- Conforms to EN 388 levels 3-1-2-1
- Palm dip lightweight nitrile
- Cotton support liner
- Knit wrist
- Wet and dry grip





## Mixed Fibre Glove

code: AG004

size: S - XL

### features:

- ▶ Cat I minimal risk
- ▶ Mixed fibre polycotton
- ▶ Seamless knit
- ▶ Ribbed knit wrist
- ▶ Washable



## TIG Welders Glove

code: AG032

size: S - XL

### features:

- ▶ Conforms to EN 388 levels 2-1-2-1
- ▶ Conforms to EN 407 levels 4-1-X-X-4-X
- ▶ Conforms to EN 12477 class B
- ▶ Tested against EN 1149
- ▶ Grain leather glove
- ▶ Split leather gauntlet
- ▶ Unlined
- ▶ Good dexterity
- ▶ Lower arm protection
- ▶ Kevlar stitch
- ▶ Azo free



## Freezer Glove

code: AG231

size: S - XL

### features:

- ▶ Conforms to EN 388 levels 3-1-3-3
- ▶ Conforms to EN 511 levels 1-2-X
- ▶ Split leather front
- ▶ Grain leather back
- ▶ Full fleece liner
- ▶ Ribbed knit wrist
- ▶ Azo free



## Polyester Glove Liner

code: AG010POLY

size: S - XL

### features:

- ▶ 100% polyester glove
- ▶ Elasticated cuff
- ▶ Suitable for use as an under glove or as a light assembly glove



## Topaz Ice Glove

code: AG003

size: M - XL

### features:

- ▶ Conforms to EN 388 levels 1-1-3-1
- ▶ Acrylic glove with ribbed knit wrist
- ▶ Fleece lining
- ▶ Textured latex palm coating for added grip



## PVC Gauntlet

code: AG045A / AG047 / AG047B

length: 14in 18in 22in

### features:

- ▶ Cat III complex design
- ▶ Conforms to EN 388 levels 4-1-3-1
- ▶ Conforms to EN 374 parts 1-3 (low chemical use)
- ▶ Medium weight PVC dip
- ▶ Cotton interlock liner
- ▶ Abrasion resistant







## PVC Gauntlet

code: AG069M

length: **17in**  **24in** 

size: **M - XXL**

### features:

- Cat III complex design
- Conforms to EN 388 levels 3-1-1-0
- Conforms to EN 374 parts 1-3
- Enhanced chemical strength
- Superior tensile strength
- Textured grip palm
- Flock lined



## Terry Cotton/Drill Gauntlet

code: AG108

length: **35cm** 

### features:

- Conforms to EN 388 levels 1-2-3-1
- Conforms to EN 407 levels X-2-X-X-X-X
- Loop terry cotton
- 12oz canvas cuff
- 35cm (14in) length
- Heat resistant dry
- Washable



## Welders Gauntlet

code: AG030R

length: **14in** 

### features:

- Red full split leather welding gauntlet
- Fully lined and welted
- One piece back
- Hemmed cuff
- Conforms to EN 388, EN 407



## Kevlar Sleeve

code: AG039 / AG039B / AG039A

length: **14in**  **18in**  **22in** 

### features:

- For a tough, cut resistant sleeve, choose our tough kevlar sleeve
- Available in a variety of lengths, you can be sure to find a sleeve with the right level of protection for the task at hand
- Conforms to EN 388 levels 1-2-4-1
- Kevlar fibre
- Thumb hole
- Washable
- 1.5mm avg thickness kevlar



## Bodyguard Powder Free Disposable Nitrile Glove

code: AG065K

size: **S - XL**

### features:

- Offers protection against contamination, dirt and potential irritants in low risk situations
- Textured surface for extra grip
- Rolled cuff for additional strength and prevention of liquid roll back
- Freedom from holes



## Bodyguard Powder Free Latex Glove

code: AG062PF

size: **S - XL**

### features:

- Offers protection against contamination, dirt and potential irritants in low risk situations
- Textured surface for extra grip
- Rolled cuff for additional strength and prevention of liquid roll back
- Freedom from holes







## Polyco® Bodyguard Medical Grade Nitrile Glove

code: AG065MEDPF

size: **S - XL**

### features:

- ▶ No latex proteins - eliminates protein sensitisation
- ▶ Synthetic rubber offers better puncture and abrasion resistance than natural rubber or vinyl
- ▶ Soft elastic material feels cooler and is more comfortable and flexible to wear
- ▶ Powder free therefore reducing risk of product contamination
- ▶ Textured finish for improved grip
- ▶ For additional strength and prevention of liquid roll back



## Polyco® Swift Household Glove

code: AG068S

size: **M - XL**

### features:

- ▶ Slip resistant pattern on palm offers good wet and dry grip
- ▶ Flock lining absorbs perspiration, keeping hands cool



## Polyco® Matrix F Grip Nitrile Foam Palm Glove

code: AGMATRIXF

size: **XS - XXL**

### features:

- ▶ Foamed nitrile coating offers good wet and dry grip
- ▶ Seamless liner is comfortable to wear over long periods of time
- ▶ Close fitting allowing high levels of dexterity
- ▶ Conforms to EN 388



## Polyco® Bodyguard Long Cuff Powder Free Blue Nitrile Glove

code: AG8911

size: **S - L**

### features:

- ▶ No latex proteins - eliminates protein sensitisation
- ▶ Synthetic rubber offers better puncture and abrasion resistance than natural rubber or vinyl
- ▶ Soft elastic material feels cooler and is more comfortable and flexible to wear
- ▶ Powder free; reduces risk of product contamination
- ▶ Textured finish for improved grip
- ▶ Rolled cuff; for additional strength and prevention of liquid roll back



## Polyco® Bodyguard Nitrile Palm Glove

code: AG068S

size: **M - XL**

### features:

- ▶ Lightweight palm coating for flexible grip
- ▶ Excellent abrasion resistance
- ▶ Seamless liner for comfort
- ▶ Open back style allows hand to breathe
- ▶ Conforms to EN 388



## Polyco® Vyflex Seamless Supported PVC Glove

code: AGVYFLEX

size: **L - XL**

### features:

- ▶ Exceptional fit
- ▶ Fine knit seamless liner provides excellent comfort
- ▶ Excellent abrasion resistance
- ▶ Anatomically shaped
- ▶ Good protection against oil, acids and other chemicals
- ▶ Conforms to EN 388, EN 374, EN 511



## Polyco® Chemprotec Medium Weight Glove

code: AGCHEM

size: **M - XXL** length: **40cm**

### features:

- Provides protection against a wide range of chemicals and cleaning agents
- Excellent resistance to abrasion and tear
- Unlined for easy donning and allows an underglove to be worn for added comfort
- Chemical resistance combined with mechanical protection
- Conforms to EN 388, EN 374



## Polyco® Touchstone Heavy Weight Glove code: AG7521

size: **S - XXL**

### features:

- 100% kevlar aramid fibre offers increased resistance to heat
- Kevlar provides increased protection against cuts, slashes and abrasion, whilst maintaining a high degree of dexterity for the wearer
- Soft kevlar fibres offer the wearer reduced hand fatigue, allowing hands to breathe; the seamless construction will not irritate hands, even during long periods of wear
- Fit either hand
- May be washed by machine or dry cleaned
- Conforms to EN 388, EN 407



## Polyco® Dyflex Glove code: AGDYFLEX

size: **S - XXL**

### features:

- This lightweight glove with Dyneema provides excellent resistance to cut, abrasion and tear
- The seamless construction provides an exceptional level of comfort, whilst the open back style allows excellent breathability
- The glove has been designed to be tight fitting to give maximum dexterity for the most tactile of operations
- Elasticated for a snug fit
- Conforms to EN 388



## Polyco® Firmadot Glove code: AG202

size: **S - XL**

### features:

- Dot coating provides good grip for safe handling
- Good fit, flexibility and feel
- Seamless construction will not irritate hands, even during long periods of wear
- Ambidextrous for prolonged glove use
- Conforms to EN 388



## Polyco® Freezemaster II Glove

code: AGFRM2

size: **XS - XL**

### features:

- Made from premium quality leather
- On the back of the hand for comfort
- Fleecy lining and waterproof membrane keeps hands warm and dry in cold conditions
- Elasticated wrist for a secure fit
- Available with an extra long cuff for additional warmth and protection
- Conforms to EN 388, EN 511



## Polyco® Thermit Glove code: AG091

colour:    + c/w Grip

size: **S - XL**

### features:

- Available with PVC dot coated palm for added grip
- Provides excellent insulation against cold
- The seamless construction will not irritate hands, even during prolonged periods of wear
- The Thermal yarn provides a close fit and excellent dexterity
- Fits either hand, increasing glove life and reducing costs
- Can be worn as an insulating liner under other SuperGlove products







## Polyco® Volcano Heat Resistant Glove

code: AG800/10

size: S - XL

### features:

- Level 3 for contact heat, can withstand temperatures of 350°C
- Kevlar provides increased protection against cuts, slashes and abrasion
- Provides exceptional protection against heat
- The knitted construction gives a degree of comfort, flexibility and dexterity not normally associated with such protection levels
- Extra long to give extra protection to the arm
- Conforms to EN 388, EN 407



## Polyco® Bakers Mitt code: AG800/09

size: S - XL

### features:

- Tested to level 3 (up to 350°C), for contact heat according to EN 407
- Double layered cotton for extra protection and durability
- The innovative integral PVC barrier within the glove provides effective protection from liquids and steam
- The heavyweight terry cotton outer shell offers good abrasion and cut resistance
- Ambidextrous
- Provides protection to the lower arm
- Conforms to EN 388



## Polyco® Foundry Heatbeater Glove

code: AG7576

size: S - XL

### features:

- Provides exceptional protection against heat
- The cotton terry liner provides the wearer with exceptional comfort
- Available in 3 lengths for extra protection to the arm
- Contact Temperature: 500°C for 27 seconds
- Conforms to EN 388, EN 407



## Polyco® Jet Black Heavy Duty Flock Lined Rubber Glove

code: AG070

size: XS M - XL

### features:

- A heavyweight glove that will stand up to repeated knocks, rubbing and scuffing
- Treated to harden the surface of the glove leaving it smooth to the touch, Jet also has a beaded cuff
- Anatomically shaped ensuring comfort and reducing hand fatigue
- Slip resistant pattern on palm of glove ensuring good grip in both wet and dry conditions
- Soft cotton flock lining absorbs perspiration keeping hands cool
- Contains fungicidal and bacteriostatic agent
- Conforms to EN 388, EN 374



## Polyco® Nitron Blue Knit Wrist Glove

code: AGNITRON

size: M - XL

### features:

- Provides excellent resistance to abrasion, and good resistance to cuts and snags
- Offers protection against oil and grease
- Soft jersey liner provides exceptional comfort; the glove is anatomically shaped enabling extended wear, whilst reducing hand fatigue
- Provides excellent dry grip
- Conforms to EN 388



## Polyco® NSR Hexarmour Glove

code: AGNSR4041

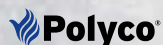
size: XXS-XXL

### features:

- Highest needlestick resistance available provided by the layering of SuperFabric brand material
- Specialised silicon gripping surface on palm
- Highest level of cut resistance in enhanced areas; exceeds EN 388 cut level 5







## **Polyflex Plus Glove**

code: AGPOLYFP

size: **S - XL**

### **features:**

- ▶ The foamed nitrile coating channels liquids away from the glove surface, ensuring superb wet grip
- ▶ Outstanding abrasion resistance for longevity and durability
- ▶ The breathable, seamless liner provides outstanding dexterity and a snug fit for the most tactile of applications
- ▶ Conforms to EN 388



## **RVC Reflex Visco Glove**

code: AGPOLYFP

size: **M - XL**

### **features:**

- ▶ The three-quarter nitrile coating is designed to give maximum grip in wet and oily conditions
- ▶ Knitted thermal lining keeps hands warm in cold conditions
- ▶ Provides good abrasion and tear resistance
- ▶ Anatomical shape reduces hand fatigue
- ▶ Elasticated for a secure fit
- ▶ Conforms to EN 388



## **Long John PVC Gauntlet**

code: AGLONG

size: **L**

### **features:**

- ▶ Ideal for working in deep water, and will keep the wearer clean in muddy and dirty environments
- ▶ Offers good mechanical properties and resistance to oils
- ▶ Integral PVC sleeve
- ▶ Conforms to EN 388, EN 374



## Foam Nitrile Palm

code: AG049

size: S - XL

### features:

- ▶ Maximum EN 388 level 5 cut resistance
- ▶ Conforms to EN 388 4,5,4,2
- ▶ ANSI/ISEA 105 level 4 cut resistance
- ▶ Good grip in dry and slightly oily conditions
- ▶ Excellent comfort and dexterity



## Plus Glove

code: AG050

size: XS - XL

### features:

- ▶ Maximum EN 388 level 5 cut resistance
- ▶ Conforms to EN 388 2,5,4,X
- ▶ Enhanced mechanical protection
- ▶ Inherently anti-microbial
- ▶ Low linting
- ▶ 7 gauge seamless knit with extended cuff
- ▶ Ambidextrous
- ▶ May be washed at up to 95°C
- ▶ Suitable for contact with all foodstuffs in compliance with EC Regulation 1935/2004



## Cut Resistant Glove

code: AG052

size: XS - XL

### features:

- ▶ Maximum EN 388 level 5 cut resistance
- ▶ Conforms to EN 388 2,5,4,X
- ▶ Inherently anti-microbial
- ▶ 10 gauge seamless knit with extended cuff
- ▶ Low linting
- ▶ Ambidextrous
- ▶ May be washed at up to 95°C
- ▶ Suitable for contact with all foodstuffs in compliance with EC Regulation 1935/2004



## Excel Glove

code: AG050B

size: XS - XL

### features:

- ▶ EN 388 high level 5 cut resistance
- ▶ Conforms to EN 388 3,5,4,X
- ▶ Inherently anti-microbial
- ▶ 10 gauge seamless knit with extended cuff
- ▶ Low linting
- ▶ Ambidextrous
- ▶ May be washed at up to 95°C
- ▶ Suitable for contact with all foodstuffs in compliance with EC Regulation 1935/2004





**Work Safely with Us! >>>>**

**Ark Safety Equipment Ltd** 1 Mygan Business Park, Jamestown Road, Finglas, Dublin 11  
T: +353 1 834 0388 F: +353 1 834 0343 W: [www.arksafety.ie](http://www.arksafety.ie) E: [sales@arksafety.ie](mailto:sales@arksafety.ie)



**9** *Footwear*





## SAFETY on every occasion



**Choose the Right Footwear.** There are many different kinds of safety footwear made to protect the wearer from various hazards in the workplace.

Whilst the protection is at the forefront of a decision when purchasing, other attributes need to be taken into consideration such as the type of environment the footwear will be worn in, whether the wearer will be standing for long periods of time, comfort and hygiene and of course style and design.

With the correct footwear chosen, a wearer will often be free from foot, leg and back pain thus enabling more productivity in the workplace.

**Legislation.** The European legislation in force since 1993 distinguishes the type of footwear according to the level of risk, establishing the specific requirements for each category.

### 1. Safety footwear EN ISO 20345:2004/A1:2007

- category S (SAFETY). These are provided with toe caps made to give protection against knocks up to an energy level of 200 joules and against the risk of crushing with a maximum load of 15.000N.

### 2. Protective footwear EN ISO 20346:2004/A1:2007

- category P (PROTECTION). These are provided with toe caps made to give protection against knocks up to an energy level of 100 joules and against the risk of crushing with a maximum load of 10.000N.

### 3. Occupational footwear EN ISO 20347:2004/1:2007

- category O (OCCUPATIONAL). They are not provided with protective toe caps.

The pierce resistant sole guarantees resistance to perforations of up to a load of 1.100N. The identification symbol is P.

**Slip Resistance.** Slips, trips and falls are a worrying hazard within work places, therefore stringent testing is taken place to ensure that footwear meets a minimum requirement.

New styles of footwear undergo periodic re-testing to the standard of EN ISO 13287 which has the ratings of SRA, SRB and SRC. These details are as follows:

**Slip resistance** - Norm: EN ISO 2034X:2007 (where X= 5 o 6 o 7)

Symbol	Standard requirements
<b>SRA</b> Testing ground: ceramic Lubricant: cleanser	≥ 0.32 flat footwear ≥ 0.28 footwear with a 7° heel incline
<b>SRB</b> Testing ground: steel Lubricant: glycerine	Until 31/12/2008 ≥ 0.16 flat footwear ≥ 0.12 footwear with a 7° heel incline From 01/01/2009: ≥ 0.18 flat footwear ≥ 0.13 footwear with a 7° heel incline
<b>SRC</b>	Both requirements stated above

	EN ISO 20345:2007	EN ISO 20346:2007	EN ISO 20347:2007	Minimum required values EN ISO 20345/6/7:2007
	SB S1 S2 S3	PB P1 P2 P3	CB C1 C2 C3	
<b>A</b> Antistatic footwear	- . . .	- . . .	- . . .	from 1 x 1050HM to 1 x 1090HM
<b>E</b> Heel energy absorption	- . . .	- . . .	- . . .	≥ 20 Joule
<b>WRU</b> Water Resistant Upper	- . . .	- . . .	- . . .	> 60' - Assorbimento ≤ 30%
<b>P</b> Pierce Resistant midsole	- - - .	- - - .	- - - .	≥ 1.100 N
<b>CI</b> Insulation from cold	- - - -	- - - -	- - - -	temp. ≤ 10° C
<b>HI</b> Insulation from heat	- - - -	- - - -	- - - -	temp. ≤ 22° C
<b>C</b> Conductive footwear	- - - -	- - - -	- - - -	< 1 x 1050HM
<b>HRO</b> Heat resistance on contact	- - - -	- - - -	- - - -	at 300°C for 60 seconds - Does not melt. AN
<b>AN</b> Ankle protection	- - - -	- - - -	- - - -	average value ≥ 20 kN
<b>IS</b> Electrical isolation (Dielectric)	- - - -	- - - -	- - - -	class 00 or Class 0
<b>WR</b> Water resistance	- - - -	- - - -	- - - -	No penetration for first 15 minutes. After 100 lengths no more than 3 cm2 of water must enter (spot)
<b>M</b> Metatarsal protection	- - - -	- - - -	- - - -	Height after impact ≥ 40 mm (size 42)
<b>CR</b> Cut resistance of Upper	- - - -	- - - -	- - - -	Factor I ≥ 2,5
<b>FO</b> ex <b>ORO</b> Resistance of to hydrocarbons	- . . .	- . . .	- - - -	Requirement always present according to <b>EN ISO 20345:2007</b> and <b>EN ISO 20346:2007</b> , but to specify with initials <b>FO</b> when included in <b>EN ISO 20347:2007</b>

**Rey Suede Shoe**

code: ASF09058

**size:** 5 - 13**features:**

- ▶ Upper: suede leather with nylon inserts
- ▶ Lining: 3D lining
- ▶ Toe cap: classic steel
- ▶ Footbed: air-relax
- ▶ Midsole: classic steel
- ▶ Sole: ECJ PU/PU
- ▶ Conforms to EN ISO 20345 S1 P

**Raul Suede Boot**

code: ASF09098

**size:** 5 - 13**features:**

- ▶ Upper: suede leather with nylon inserts
- ▶ Lining: 3D lining
- ▶ Toe cap: classic steel
- ▶ Footbed: air-relax
- ▶ Midsole: classic steel
- ▶ Sole: ECJ PU/PU
- ▶ Conforms to EN ISO 20345 S1 P

**Slipper Noir Black**

Slip On Shoe code: ASF56107

**size:** 6 - 13**features:**

- ▶ Upper: wat-out
- ▶ Lining: synthetic fibre
- ▶ Toe cap: classic steel
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S2 SRC

**Genova Black Safety Shoe**

code: ASF5AL22

**size:** 3 - 13**features:**

- ▶ Upper: leather
- ▶ Lining: 3D lining
- ▶ Toe cap: classic steel
- ▶ Midsole: classic steel
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S1 P SRC

**Fly Black Composite Boot**

code: ASF700A

**size:** 4 - 12**features:**

- ▶ Upper: leather
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex-system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3

**Tevere Black Boot**

code: ASF601

**size:** 5 - 12**features:**

- ▶ Upper: full grain leather with PU toe cap protection
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex-system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3







## Alderbaran Black Composite Shoe code: ASF701A

**size:** 3 - 12

### features:

- ▶ Upper: leather
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex-system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3 SRC



## Spider Suede Upper Shoe

code: ASF71023

**size:** 3 - 12

### features:

- ▶ Upper: suede leather and fresh
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S1 P SRC



## Wing Black Boot

code: ASF71084

**size:** 3 - 12

### features:

- ▶ Upper: full grain smooth leather and anti-abrasion toe cap
- ▶ Lining: 3D lining
- ▶ Toe cap: light plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex-system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3



## Air Black Trainer

code: ASF71085

**size:** 3 - 12

### features:

- ▶ Upper: full grain smooth leather and anti-abrasion toe cap
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex-system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3



## Star Black Boot

code: ASF71086

**size:** 5 - 12

### features:

- ▶ Upper: waxy leather
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex-system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3



## Mako Shoe

code: ASF71347

**size:** 4 - 12

### features:

- ▶ Upper: nubuck and anti-abrasion toe cap protection
- ▶ Lining: dryfit
- ▶ Toe cap: alu-lite
- ▶ Footbed: comfort plus
- ▶ Midsole: flex-system
- ▶ Sole: SH9000 PU/TPU
- ▶ Conforms to EN ISO 20345 S3 SRC





### Hawk Black Shoe

code: ASF71381

size: 4 - 13

#### features:

- Upper: full grain leather
- Lining: dryfit
- Toe cap: alu-lite
- Footbed: comfort plus
- Midsole: flex-system
- Sole: SH9000 PU/TPU
- Conforms to EN ISO 20345



### Commando Black Boot

code: ASF7A103

size: 3 - 13

#### features:

- Upper: full grain leather and mesh nylon inserts
- Lining: 3D lining
- Toe cap: classic steel
- Footbed: soft plus
- Midsole: classic steel
- Sole: trucker PU/PU
- Conforms to EN ISO 20345 S3 SRC



### Roboris Black Shoe

code: ASF7AX13

size: 4 - 12

#### features:

- Upper: leather with PU and PU anti-abrasion toe cap
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: tri master
- Midsole: flex-system
- Sole: dominus PU/PU W tech sole
- Conforms to EN ISO 20345 S3 SRC



### Imperator Black Boot

code: ASF7AX19

size: 4 - 12

#### features:

- Upper: leather with PU and PU anti-abrasion toe cap
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: tri master
- Midsole: flex-system
- Sole: dominus PU/PU W tech sole
- Conforms to EN ISO 20345 S3 SRC



### Cesar Brown Leather Shoe

code: ASF7AX22

size: 4 - 12

#### features:

- Upper: leather with full grain leather inserts and PU anti-abrasion toe cap
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: tri master
- Midsole: flex-system
- Sole: dominus PU/PU W tech sole
- Conforms to EN ISO 20345 S1 P SRC



### Fortis Black Boot

code: ASF7AX33

size: 4 - 12

#### features:

- Upper: leather with PU and PU anti-abrasion toe cap
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: tri master
- Midsole: flex-system
- Sole: dominus PU/PU W tech sole
- Conforms to EN ISO 20345 S3 SRC







## Levis Black Shoe

code: ASF7AX42

size: **4 - 12**

### features:

- Upper: waxy leather and anti-abrasion scuff cap and anti-abrasion PU toe cap protection
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: tri master
- Midsole: flex-system
- Sole: dominus PU/PU W tech
- Conforms to EN ISO 20345



## Miles Black Boot

code: ASF7AX57

size: **4 - 12**

### features:

- Upper: waxy leather and anti-abrasion PU toe cap protection
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: tri master
- Midsole: flex-system
- Sole: dominus PU/PU W tech sole
- Conforms to EN ISO 20345



## Alcor Black Boot

code: ASF7CL04

size: **5 - 12**

### features:

- Upper: full grain leather and anti-abrasion scuff cap
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: vento-plus
- Midsole: flex-system
- Sole: classic PU/PU
- Conforms to EN ISO 20345 S3 SRC



## Kastor Black Shoe

code: ASF7CL05

size: **5 - 12**

### features:

- Upper: full grain leather and anti-abrasion scuff cap
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: vento-plus
- Midsole: flex-system
- Sole: classic PU/PU
- Conforms to EN ISO 20345 S3 SRC



## Jarvis Evol Black Boot

code: ASF7CL14

size: **5 - 12**

### features:

- Upper: full grain leather and anti-abrasion scuff cap
- Lining: 3D lining
- Toe cap: classic steel
- Footbed: vento-plus
- Midsole: classic steel
- Sole: classic PU/PU
- Conforms to EN ISO 20345 S3 SRC



## Curtis Evol Black Shoe

code: ASF7CL15

size: **5 - 12**

### features:

- Upper: full grain leather and anti-abrasion scuff cap
- Lining: 3D lining
- Toe cap: classic steel
- Footbed: vento-plus
- Midsole: classic steel
- Sole: classic PU/PU
- Conforms to EN ISO 20345 S3 SRC





**Bora Evol Green Suede Boot**

code: ASF7CL17

**size:** 5 - 12**features:**

- Upper: suede leather with mesh nylon inserts; anti-abrasion toe cap protection
- Lining: 3D lining
- Toe cap: classic steel
- Footbed: vento-plus
- Midsole: classic steel
- Sole: classic PU/PU
- Conforms to EN ISO 20345 S1 P SRC

**Topazio Ladies Black Slip On Shoe**

code: ASF7DA06

**size:** 3 - 8**features:**

- Upper: full grain leather
- Lining: eco-leather
- Toe cap: classic steel
- Footbed: comfortplus
- Sole: donna PU/PU
- Conforms to EN ISO 20345 S2 SRC

**Perla Ladies Black Laced Shoe**

code: ASF7DA13

**size:** 3 - 8**features:**

- Upper: full grain leather
- Lining: eco-leather
- Toe cap: classic steel
- Footbed: comfortplus
- Sole: donna PU/PU
- Conforms to EN ISO 20345 S2 SRC

**Aster Black Slip On Shoe**

code: ASF7GR06

**size:** 5 - 12**features:**

- Upper: in wat-out
- Lining: 3D lining
- Toe cap: light-plus
- Footbed: scholl techno
- Sole: gripper light PU
- Conforms to EN ISO 20345 S2 SRC

**Concorde Black Brogue Shoe**

code: ASF7RE05

**size:** 5 - 12**features:**

- Upper: leather
- Lining: air-light
- Toe cap: classic steel
- Heel insole: air-light
- Midsole: flex system
- Sole: manager PU/PU
- Conforms to EN ISO 20345 S3 SRC

**Etoile Mens Executive Shoe**

code: ASF502

**size:** 5 - 12**features:**

- Upper: leather
- Lining: air-light
- Toe cap: classic steel
- Footbed: air-light
- Sole: manager PU/PU
- Conforms to EN ISO 20345 S3 SRC





## Bourbane Black Boot

code: ASF89801

**size:** 3 - 13

### features:

- ▶ Upper: leather
- ▶ Lining: 3D lining
- ▶ Toe cap: classic steel
- ▶ Midsole: classic steel
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S1 P



## Frozen Fur Lined Rigger Boot

code: ASF80741

**size:** 5 - 13

### features:

- ▶ Upper: full grain leather
- ▶ Lining: cold lining, insulating and anti-cold fabric
- ▶ Toe cap: classic steel
- ▶ Midsole: classic steel
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S3 CI SRC



## Bormio Black Rigger Boot

code: ASF2060

**size:** 5 - 13

### features:

- ▶ Upper: full grain leather
- ▶ Lining: cold lining, insulating and anti-cold fabric
- ▶ Toe cap: classic steel
- ▶ Footbed: cold, insulating and anti-cold
- ▶ Midsole: classic steel
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3 CI



## Ireland Laced Black Shoe

code: ASF012

**size:** 3 - 13

### features:

- ▶ Upper: full grain leather
- ▶ Lining: air-light
- ▶ Toe cap: classic steel
- ▶ Heel insole: air-relax
- ▶ Midsole: classic steel
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S3 SRC



## Iceberg Black Boot

code: ASF/T2005

**size:** 5 - 13

### features:

- ▶ Upper: leather
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: air-relax
- ▶ Midsole: flex-system
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S3 SRC



## Romany Black Shoe

code: ASF/T6050

**size:** 5 - 13

### features:

- ▶ Upper: buffed leather with PU reinforced scuff cap
- ▶ Lining: 3D lining
- ▶ Toe cap: classic steel
- ▶ Footbed: air-relax
- ▶ Midsole: flex-system
- ▶ Sole: classic PU/PU
- ▶ Conforms to EN ISO 20345 S3





**TRUCKER** **Hungary Black Boot**

code: ASF/T6150

**size:** 5 - 13**features:**

- ▶ Upper: buffed leather with PU reinforced scuff cap
- ▶ Lining: 3D lining
- ▶ Toe cap: classic steel
- ▶ Footbed: air-relax
- ▶ Midsole: flex-system
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S3

**TRUCKER** **Steather Black Laced Boot**

code: ASF7TR24

**size:** 5 - 12**features:**

- ▶ Upper: full grain leather
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: comfortplus
- ▶ Midsole: flex-system
- ▶ Sole: kompact vibram
- ▶ Conforms to EN ISO 20345 S3

**TRUCKER** **Indern Black Insulated Boot**

code: ASF7TR41

**size:** 5 - 13**features:**

- ▶ Upper: full grain leather with plastic zip fastener
- ▶ Lining: insulating and anti-cold lining in pile
- ▶ Toe cap: classic steel
- ▶ Footbed: cold-comfort insulating
- ▶ Midsole: classic steel
- ▶ Sole: kompact vibram
- ▶ Conforms to EN ISO 20345 S3

**TRUCKER** **Hammer Black Boot**

code: ASF7AI32

**size:** 3 - 12**features:**

- ▶ Upper: full grain leather with button-release quick release system
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: vento-plus
- ▶ Midsole: flex-system
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S3

**TRUCKER** **Rocker Brown Rigger Boot**

code: ASF014F

**size:** 5 - 13**features:**

- ▶ Upper: full grain leather
- ▶ Lining: unlined
- ▶ Toe cap: classic steel
- ▶ Midsole: classic steel
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S1 P

**TRUCKER** **UK Laced Black Boot**

code: ASF014

**size:** 3 - 13**features:**

- ▶ Upper: full grain leather
- ▶ Lining: air-light
- ▶ Toe cap: classic steel
- ▶ Heel inside: air-relax
- ▶ Midsole: classic steel
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S3







## TRUCKER

### Lithuany B Black Slip on Boot

code: ASF600

size: **5 - 13**

#### features:

- ▶ Upper: leather
- ▶ Lining: air-light
- ▶ Toe cap: classic steel
- ▶ Midsole: classic steel
- ▶ Sole: trucker PU/PU
- ▶ Conforms to EN ISO 20345 S3



## TRUCKER

code: ASF038

### Eole Blue Safety Wellington

size: **3 - 13**

#### features:

- ▶ White high grade PVC/Nitrile
- ▶ Kick off lug
- ▶ Exceptional resistance to hydrocarbons, chemicals, animal fats and vegetable oils
- ▶ Air ventilation system
- ▶ Removable footbed
- ▶ Toe cap: classic steel
- ▶ Midsole: classic steel
- ▶ Sole: PVC/nitrile
- ▶ Conforms to EN ISO 20345 S5



## TRUCKER

code: ASF053

### Green Safety Wellington

size: **3 - 13**

#### features:

- ▶ White high grade PVC/Nitrile
- ▶ Kick off lug
- ▶ Exceptional resistance to hydrocarbons, chemicals, animal fats and vegetable oils
- ▶ Air ventilation system
- ▶ Removable footbed
- ▶ Toe cap: classic steel
- ▶ Midsole: classic steel
- ▶ Sole: PVC/nitrile
- ▶ Conforms to EN ISO 20345 S5



## TRUCKER

code: ASFB0121

### White Safety Wellington

size: **3 - 13**

#### features:

- ▶ White high grade PVC/Nitrile
- ▶ Kick off lug
- ▶ Exceptional resistance to hydrocarbons, chemicals, animal fats and vegetable oils
- ▶ Air ventilation system
- ▶ Removable footbed
- ▶ Toe cap: classic steel
- ▶ Sole: PVC/nitrile
- ▶ Conforms to EN ISO 20345 S4



## GI-MONT

### Grass White Laced Shoe

code: ASF028

size: **3 - 12**

#### features:

- ▶ Upper: wat-out
- ▶ Lining: air-light
- ▶ Toe cap: classic steel
- ▶ Sole: white PU
- ▶ Conforms to EN ISO 20345 S2



## GI-MONT

### Calypso White Slip On Boot

code: ASF7GR00

size: **3 - 12**

#### features:

- ▶ Upper: in wat-out
- ▶ Lining: 3D lining
- ▶ Toe cap: light-plus
- ▶ Footbed: scholl techno
- ▶ Sole: gripper light PU
- ▶ Conforms to EN ISO 20345 S2



**Daffodil White Slip-On Shoe**

code: ASF029

**size:** 3 - 12**features:**

- ▶ Upper: wat-out
- ▶ Lining: air-light
- ▶ Toe cap: classic steel
- ▶ Sole: white PU
- ▶ Conforms to EN ISO 20345 S2

**Corcus White Laced Boot**

code: ASF030

**size:** 3 - 12**features:**

- ▶ Upper: wat-out
- ▶ Padded collar and tongue
- ▶ Toe cap: classic steel
- ▶ Sole: white PU
- ▶ Conforms to EN ISO 20345 S2

**Cesar Black Safety Shoe**

code: ASFJDR04

**size:** 5 - 12**features:**

- ▶ Full grain water-repellent leather upper
- ▶ Synthetic fibre lining
- ▶ 200 joule steel toe cap
- ▶ Pierce resistant lightweight composite midsole
- ▶ J-comfort anatomic breathable footbed
- ▶ J-smarter polyurethane sole
- ▶ Antistatic
- ▶ Conforms to EN ISO 20345

**Karine Ladies Black Shoe**

code: ASFJ0464

**size:** 3 - 8**features:**

- ▶ Occupational shoes not provided with protective toe caps and pierce resistant midsole
- ▶ Suitable for service and tertiary industries
- ▶ Style, elegance and comfort dedicated to ladies
- ▶ Conforms to EN ISO 20347

**Bordeaux Black Safety Shoe**

code: ASFJDR14

**size:** 5 - 12**features:**

- ▶ Occupational shoes not provided with protective toe caps and pierce resistant midsole
- ▶ Suitable for service and tertiary industries
- ▶ Style and elegance
- ▶ Conforms to EN ISO 20347

**Jalmire Composite Boot**

code: ASFJJN0442

**size:** 5 - 12**features:**

- ▶ Full water-repellent leather upper
- ▶ Padded tongue and ergonomic collar
- ▶ TPU stabilizer zone in the heel area for better support
- ▶ Gore-Tex® performance comfort membrane
- ▶ Thinsulate lining
- ▶ 200 joule composite toe cap
- ▶ Pierce resistant lightweight composite midsole
- ▶ J-MultiTech comfort and supporting footbed
- ▶ J-Space softane™ polyurethane sole
- ▶ Mondopoint fitting 12
- ▶ Anti-static
- ▶ Conforms to EN ISO 20345 S3







## Jalarcher Black Boot

code: ASFJJV28

**size:** 5 - 12

### features:

- ▶ Full grain water-repellent leather upper
- ▶ Padded tongue and ergonomic collar with padded ankle protector
- ▶ 3D lining, three dimensional foam structures incorporated within a honeycombed architecture for greater ventilation
- ▶ 200 joule composite toe cap - non magnetic and lightweight
- ▶ Pierce resistant composite midsole - non magnetic and lightweight
- ▶ Comfort-tech anatomic footbed
- ▶ Kompact Vibram® sole 300°C heat resistant
- ▶ Anti-abrasion PU scuff cap and heel protection
- ▶ Anti-static
- ▶ EN ISO 20345 : 2007 S3 HRO SRC
- ▶ Designed to replace rigger boots in off-shore and construction Industries. (Rigger boots are banned by many companies for lack of ankle support)



## Superclog

code: ASF100

**size:** 3 - 13

### features:

- ▶ Steel toe cap
- ▶ Extreme grip and wide fit
- ▶ Control point guards against injury
- ▶ Flexible, strong kevlar midsole
- ▶ Removeable insole
- ▶ Anti-slip, anti-shock soles
- ▶ Chemical resistant sole
- ▶ Water repellent upper leather
- ▶ Built in arch support for added comfort
- ▶ Long lasting lifespan
- ▶ Conforms to EN ISO 20345 S3



## Luna Black Shoe

code: ASF20132

**size:** 5 - 12

### features:

- ▶ Upper: black grain leather and TPU pro nose
- ▶ Lining: plain, strong and sweat absorbing lining, re-enforced in the heel for extra strength
- ▶ Outsole: slip resistant, transparent and shock absorbing outsole; a stabiliser of TPU in the arch ensures an optimum support and minimises the risk for twisting injuries
- ▶ Footbed: ergonomic, antistatic and extra absorbing footbed of breathable and antibacterial material
- ▶ Composite toe cap
- ▶ Sole: universe
- ▶ Conforms to EN ISO 20345 S3



## Luna Black Boot

code: ASF20133

**size:** 5 - 12

### features:

- ▶ Upper: black grain leather and TPU pro nose
- ▶ Lining: plain, strong and sweat absorbing lining, re-enforced in the heel for extra strength
- ▶ Outsole: slip resistant, transparent and shock absorbing outsole; a stabiliser of TPU in the arch ensures an optimum support and minimises the risk for twisting injuries
- ▶ Footbed: ergonomic, antistatic and extra absorbing footbed of breathable and antibacterial material
- ▶ Sole: universe
- ▶ Certificate: S3
- ▶ Water repellent
- ▶ Composite toe cap and protective midsole
- ▶ Conforms to EN ISO 20345 S3





**Optima White Slip On Shoe**

code: ASF2100

**size:** 5 - 12**features:**

- Upper: permair protector leather
- Outsole: slip resistant and shock absorbing outsole, lightweight and wide fit
- Footbed: footbed with enhanced arch support
- Steel toe cap
- Sole: optima
- Certificate: O2
- Water repellent
- Conforms to EN ISO 20345 S2

**Flex Black Clog** code: ASF885**size:** 5 - 12**features:**

- Upper: permair
- Outsole: slip resistant and shock absorbing outsole
- Footbed: the LBS sole is a combination of foam and calf's leather, which make the footbed soft and comfortable
- Sole: flex
- Water repellent
- Toe cap
- Conforms to EN ISO 20345 S2

**White Non Safety Clog**

code: ASF80

**size:** 5 - 12**features:**

- Upper: permair
- Outsole: slip resistant and shock absorbing outsole
- Sole: flex
- Certificate: O2
- Water repellent
- Conforms to EN ISO 20347



Gaston // MILLE

**Winnipeg White Slip On Boot**

code: ASF631

**size:** 5 - 12**features:**

- Dual density polyurethane
- High performance grip: SRC
- Anti-torsion, foot arch support
- Fluid evacuation channels, heel shock absorber integrated composite end
- Steel toe cap
- Conforms to EN ISO 20345 S2



Gaston // MILLE

**Pied Protect**

code: ASFPROTECT

**size:** S M L**features:**

- Half-skate anti-slip TPU
- Conforms to EN ISO 20344



Gaston // MILLE

**Overgrip**

code: ASFOVERGRIP

<b>size:</b>	<b>XS</b> 33-36 (2-3)	<b>L</b> 41-42 (7-8)
	<b>S</b> 37-38 (4-5)	<b>XL</b> 43-44 (9-10)
	<b>M</b> 39-40 (6-6.5)	<b>XXL</b> 45-47 (10.5-12)

**features:**

- TPU shoe
- High performance grip: SRC





**OCEAN**

## Belt Wader with Safety Boot

code: ASF067

**size:** 4 - 14

### features:

- Material: PVC / polyester (500g) with elastic and press studs
- Belt straps
- Comes with high quality safety boots

## Deluxe Safety Chest Waders

code: ASF068

**size:** 4 - 14

### features:

- Conforms to S5 and EN 345-5
- Waders feature extra wide high frequency welded seams ensure reliability under the most extreme conditions
- Elasticated braces with fix lock buckles
- Internal chest pocket and high quality boot with sturdy yellow cleated sole
- Fabric has slight stretch for comfort

## Food Grade Wellington

**Green** code: ASF053

**White** code: ASF033

**size:** 3 - 13

### features:

- Conforms to EN ISO 20345 S5 - GREEN
- Conforms to EN ISO 20345 S4 - WHITE
- High grade PVC/nitrile
- Antistatic
- Resistant to animal fats, vegetable oils, hydro-carbonates and various chemicals
- Classic steel toe cap
- Anti-slip sole
- 100% waterproof
- Oil resistant outsole



## White Slip On Boot

code: ASF031

**size:** 3 - 13

### features:

- 200 joule steel toe cap
- Anti-slip
- Antistatic
- Oil, petrol and chemical resistant
- Shock absorption heel
- 200 degree heat resistant
- Water resistant
- Conforms to EN ISO 20345 S2



code: ASFZ0081

## SyncroGelX3 Shock Absorption Insole

**size:** 5 - 13

### features:

- High energy and shock absorption values for both heel and ball area
- Spinal diseases and disorders of joints are prevented by the optimal cushioning characteristics of SX3
- Comfortable and smooth when wearing and especially for highly sensitive feet
- Protected by an anti-allergenic covered layer which is breathable and wear-resistant
- Designed for being used in ESD areas



## Scholl Insoles

code: ASFZ0042

**size:** 5 - 13

### features:

- Abrasion resistant fabric lined
- Antistatic
- Soft EVA for a greater comfort while walking
- Reinforced areas designed in order to ensure a massage effect
- Hard EVA for greater support in the arch of the foot area
- GEL insert - absorbs 3x more than a standard insole and memory cushion non-deformable technology
- Perfect fits to foot anatomy



**10** *Aviation Lock-Out*







## Aircraft have energy systems – Lock them out for Safety!

**Master**  
**SAFETY SERIES Lock.**

### Raising the Safety Standard

The Federal Aviation Administration (FAA) continues to focus attention on the safety of employees performing aircraft maintenance.

The FAA Occupational Safety and Health Program, Order 3900.19B, Chapter 13 **Hazardous Energy Control Program** specifically references the use of OSHA's (Occupational Safety and Health Administration) **Lockout/Tagout** Standard 1910.147. This Order applies to **all FAA personnel**, contractors and subcontractors that perform duties ranging from design, to installation and maintenance of aircraft.

Your **employees must de-energize** the on-board systems to safely perform their maintenance and overhaul responsibilities.

- A pulled breaker can accidentally be bumped closed, re-establishing current
- A worker inside the aircraft cannot monitor the power receptacle to ensure no connection is made

**Protect your workers** from harm and the equipment from damage.

Master Lock Company now brings our decades of OSHA LO/TO expertise – the broadest line of safety padlocks and innovative lockout devices, to the aviation industry with **effective aircraft safety lockout devices** – devices that are:

- Easy-to-use
- Maintain the de-energized state
- Notify others of the safety lockout and maintenance being performed that are essential for worker safety

*"These products provide an excellent value and are the best products on the market for this type of application."*  
- FAA Safety Team Representative and Director of Maintenance for a private flight corporation



**Master**  
SAFETY SERIES Lock.

## Aircraft Circuit Breaker Lockout

code: S2329

### features:

- Locks circuit breakers in the “off” position to prevent accidentally re-energizing the system
- Universally fits multiple circuit breaker styles
  - Breakers with and without collars
  - Long and short breakers
- “Locked Out” identification labels included

\*Lock available separately



**Master**  
SAFETY SERIES Lock.

## Aircraft Power Receptacle Lockout

code: S2029

### features:

- Prevents insertion of electrical power plug maintaining the de-energized state
- Universally fits 3-prong and 6-prong aircraft power receptacles
- Easily hand tightens on receptacle prongs

\*Lock and tag available separately



**Master**  
SAFETY SERIES Lock.

## Aircraft Lockout Tag

code: S4529

### features:

- Displays clear Danger – Do Not Operate message
- Patented Guardian Extreme™ process produces ultra-durable polypropylene tags
- Write worker name and completion date in permanent marker. Wipe clean with isopropyl alcohol and re-use tag for the next job





## Master SAFETY SERIES Lock.

### Aircraft Safety Lockout Kits

#### features:

- ▶ Assortment of safety lockout padlocks and devices for aircraft maintenance
- ▶ Large kit includes 12 safety padlocks and aircraft circuit breaker lockout devices
- ▶ Compact kit includes 6 safety padlocks and aircraft circuit breaker lockout devices
- ▶ Each kit includes the matching number of tags and one power receptacle lockout device
- ▶ Padlocks are keyed different to comply with OSHA's 1 Key – 1 Lock – 1 Employee guideline
- ▶ Choose Thermoplastic padlock model – dielectric shackle 406RED or durable steel shackle 410RED



code: S1029E410 shown  
code: S1029E406 available

code: S1030E406 shown  
code: S1030E410 available



## Master SAFETY SERIES Lock.

### Additional safety lockout devices for use throughout your facilities:

#### Oversized Plug and Control Cover

code: 453L



#### Push Button Covers

code: S2151 / code: S2153



#### 110 – 550V Plug Lockouts

code: 487 / code: 488





**11** *Miscellaneous*





## Safety signs:

Safety signs are an essential part and a very common feature of the modern workplace. There are a number of different types of safety signs available, depending on the application:

- 1 **Mandatory Safety Signs:** Blue background colour with a White symbol and text.
- 2 **Warning Safety Signs:** Yellow background colour with a Black triangular band and Black symbol or text.
- 3 **Safe Condition Safety Signs:** Green background colour with a White text or symbol.
- 4 **Fire Equipment Safety Signs:** Red background colour with a White text or symbol.
- 5 **Prohibition Safety Signs:** White background colour with a Red Circular band and crossbar and a Black Symbol.
- 6 **Hazard Warning Diamonds:** Internationally recognised symbols required to be used when carrying or handling hazardous substances.
- 7 **Road Traffic Signs:** To be used where information must be relayed to the road user for a long period of time

## Spill Control:

Emergency response kits are used when there is a potential risk of a spill. The response to a spill incident involves 7 steps:

- 1 **ASSESS** Determine the liquid spilt and assess the risk to

people, the environment and to property.

- 2 **SELECT** Select the most appropriate Spill Kit and Personal Protection Equipment ensuring that all areas of the body are protected.
- 3 **CONFINE** Confine the spill to as small an area as possible.
- 4 **STOP** Stop the source of the spill if possible by uprighting containers, turning off taps or valves or plugging any holes or broken pipes.
- 5 **CLEAN UP** Absorb and recover all liquid contaminated and ensure correct disposal.
- 6 **DECONTAMINATE** Clean up the site (discard any Personal Protection Equipment) which has become contaminated.
- 7 **REPORT & RE-ORDER** Report the incident to all authorised persons and authorities.

## Fall Arrest:

Health and Safety Legislation states that fall protection measures must be put in place by the employer of any person working at a height of 2m or more or where a fall hazard exists. If it is not feasible to eliminate the hazard using a collective system, then a personal protective equipment system must be used, be it for restraint, work positioning or fall arrest purposes. This system consists of a full body harness, an intermediate attachment and an anchorage connector. The system can only be used if a suitable

anchorage point is located close to the work area. The following European Standards apply to fall arrest products:

- EN 353-1** Guided Type Fall Arresters - Rigid Anchorage Line and Rails
- EN 360** Retractable Type Fall Arresters
- EN 353-2** Guided Type Fall Arresters – Flexible Anchorage Line
- EN 361** Full Body Harness
- EN 354** Lanyards
- EN 362** Connectors
- EN 355** Shock Absorbers
- EN 795(b)** Anchorage Devices – Class B
- EN 358** Work Positioning Systems
- EN 363** Fall Arrest Systems

## The Maximum Fall Distance Using a 2M Shock Absorbing Lanyard

There are three fall factors in fall arrest that relate to the position of the anchorage point. They are used to determine the potential fall distance of a worker and so ensure that there is no risk of contact with the lower level in the event of a fall. When possible, the worker should always use an anchorage point at shoulder level or above (Factor 1 or 0). A higher anchorage point will reduce the fall distance and therefore significantly reduce the risk of injury on the body due to the impact forces of a fall.



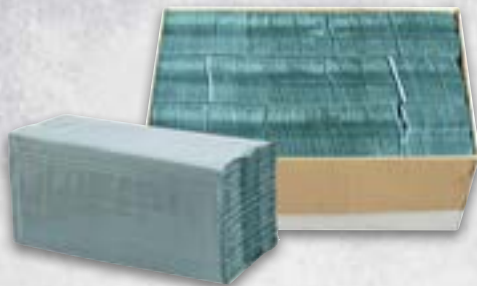
## 1 Ply C Fold Towel

code: ASP005

colour:  

### features:

- ▶ 1 ply
- ▶ Dimensions: 225 x 300mm
- ▶ 2880 per case



## 2 Ply Bumper Roll

code: ASP002

colour:  

### features:

- ▶ 2 ply
- ▶ Dimensions: 195 x 150mm
- ▶ Pack of 6



## 2 Ply Mini Jumbo Toilet Rolls

code: ASP004

colour: 

### features:

- ▶ 2 ply
- ▶ Dimensions: 90 x 150mm
- ▶ Pack of 12



## Spill Kits

code: ASK002

### features:

- ▶ Spill kit and mobile spill kit for dealing with spills of non-aggressive liquids
- ▶ Contains pads, socks and disposable bags to deal with spills quickly and effectively
- ▶ Absorbs non-aggressive liquids – oil, water, mild alkaline based chemicals
- ▶ Ideal for first response to spills



## 0.5L Trigger Spray Bottle

code: STAT40

### features:

- ▶ 0.5 litre trigger spray bottle
- ▶ Ideal for use in the trade environment or to be used around the home or garden



## Surface Sanitiser Wipes

code: AG044

### features:

- ▶ No more messy cloths and sprays - a clean fresh cloth every time
- ▶ Ideal for the office, food preparation areas, shops and factories







## Disinfectant Wipes

code: ASW002

### features:

- Ideal for deep cleaning and sanitizing
- Supplied in tubs of 500 wipes



## Wonder Wipes

ode: ASW003

### features:

- Multi-use wonder wipes have become the first choice wipe of the nations builders and tradesmen
- Specially formulated to clean hands, tools and surfaces from wet and semi-cured paint, sealant, adhesive, bitumen, expanding foam, oil, grease and even silicone
- Particularly useful when there is no water on site
- Now contain a powerful anti-bacterial additive
- Tested by an independent laboratory to BSEN 1276:1997 and BSEN 12054:1995 the standards for killing bacteria on dirty surfaces and hands
- Resistant to MRSA, salmonella, listeria and E.Coli
- Available in dispensing tubs



## Eye Wash Station

code: AFA081

### features:

- Clear polypropylene box with handle and safety clips
- Contains 3 x 500ml eyewash solution and 3 eyepad dressings
- L shaped bracket for wall mounting



## Plastic First Aid Kit

code: AFA003

### features:

- Includes:
  - burn dressing plasters
  - eyepad
  - foil blanket
  - dressings
  - disposable gloves
  - revive aid
  - finger dressing
  - micropore tape
  - cleansing wipes
  - assisted safety pins and 6in scissors
- Dimensions: 14 x 10 x 3in



## Masking Tape

code: STAT28

### features:

- A high quality grade paper masking tape
- Easy to use and tear with good adhesion to most surfaces
- Available sizes: 1in and 2in



## Full Body Harness

code: AFPH4544J

### 1 Point Body Harness features:

- Full body harness
- 1 fall arrest attachment point; rear
- 2 adjusting buckles

### 2 Point Body Harness features:

- Full body harness with vest
- 2 fall arrest attachment points; back and chest
- 4 adjusting buckles
- Includes a karabiner
- Vest in polyester, cordure and 3D knit
- Adjustable size with lateral cords



**Glosser Sleeve**

code: STAT32

**features:**

- Ideal for use with gloss, undercoat and primers
- Fast, even coverage
- Minimal splatter

**Roller Handle**

code: STAT20

**features:**

- Paint roller handle
- Size: 4in

**Roller Tray**

code: ASP004

**features:**

- Paint roller tray
- Size: 4in

**Nail Brush**

code: STAT31

**features:**

- Double sided plastic nail brush
- Size: 1in

**Wash Brush**

code: STAT17

**features:**

- Economy paintbrush with black painted handle
- Available sizes: 1, 1.5, 2in

**Scotchbrite Scour Pad**

code: STAT12

**features:**

- Dimensions: 9 x 6in
- Available colours: green and white
- Pack of 10







## Black Refuse Sacks

code: ABS001

### features:

- Heavy duty black refuse sacks
- Pack of 100



## Bag of Rags

code: BAGOFRAGS

size: **6kg** **10kg**

### features:

- Mixed bag of rags ideal for cleaning and polishing
- Available sizes: 6kg and 10kg



## Safety Sign

code: ASS001

### features:

- Safety signs must be used whenever a hazard or danger can not be avoided adequately or reduced in another way
- Wide range of graphics available on a number of different signs
- Available signs:
  - Aluminium; 600 x 900mm
  - Rigid plastic; 400 x 600mm
  - Self adhesive vinyl; A3, A4



## Road Cone

code: STAT42A

size: **75cm**

### features:

- One piece cone complete with Des 2 reflective sleeve with traditional base design
- Sand weighted
- Available size: 75cm



## Warning Triangle

code: STAT15

### features:

- Highly reflective warning triangle used to warn other drivers of potential hazards in an accident or breakdown situation



## WD-40

code: STAT33

### features:

- Protects metal from rust and corrosion, penetrates stuck parts, displaces moisture, and lubricates just about anything
- WD-40 is also great when it comes to removing grease, grime, rust, and other marks from most surfaces









## **Ark Safety Equipment Ltd**

1 Mygan Business Park, Jamestown Road, Finglas, Dublin 11

T: +353 1 834 0388 F: +353 1 834 0343

W: [www.arksafety.ie](http://www.arksafety.ie) E: [sales@arksafety.ie](mailto:sales@arksafety.ie)

