

Procurement
GUIDE

CONCORDIA TEXTILES

The Omniprotector Light is Concordia Textiles lightweight high performing multinorm product at a very competitive price. The fabric of 265g/m² consists of 55% MAC 44% CO 1 % AS and is PU laminated. As a multinorm fabric, the Omniprotector Light offers full compliance with a wide range of standards: EN13034, EN 343, EN 1149-5, EN 13688, EN 14116, IEC 61482-1-2, ISO 11611, ISO 11612, and EN ISO 20471.

For the convenience of our customers, this product is available in our 'Never Out of Stock' programme, which secures high levels of availability. The Omniprotector Light can additionally be shipped out in smaller quantities to support our customers in reducing inventory risk and increasing flexibility.

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CROWCON

Crowcon's T4 provides effective protection against the four most common gas hazards: carbon monoxide, hydrogen sulphide, flammable gases and oxygen depletion/enrichment. Innovative safety features include time-weighted average (TWA) Resume, which ensures TWA logged doses of toxic gases are not automatically reset when your unit is turned off, reducing your risk of overexposure. Positive Safety, simple 'traffic light' status indicator, provides constant visual assurance of compliance. A typical 24-hour battery life protects workers for extended periods between recharging. T4 is also certified for use in ATEX zone 0 and UL Class1 Div.1 areas, allowing uninterrupted working in the most demanding environments.

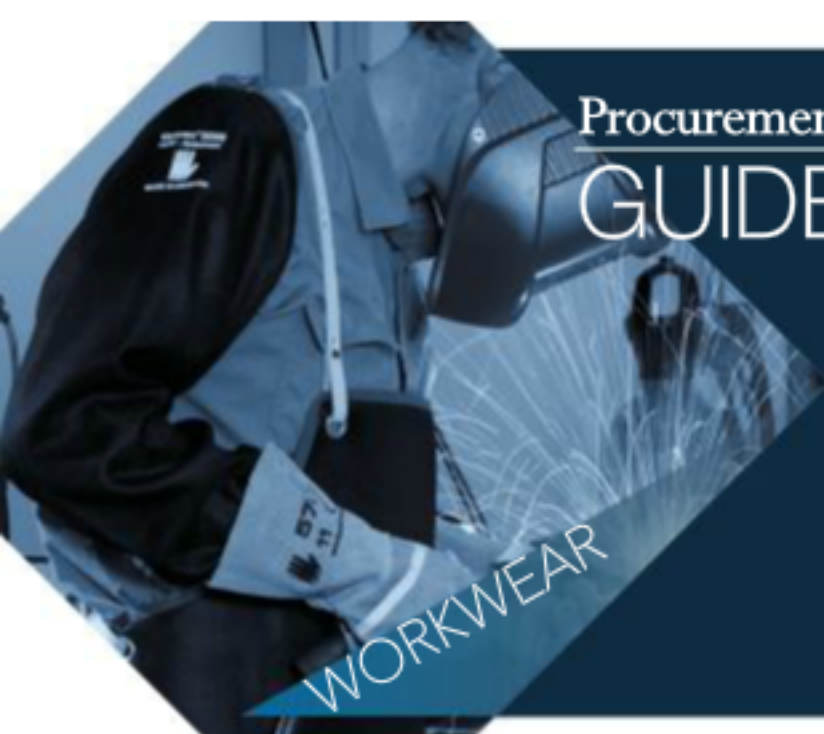
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DEREKDUCK

ULTITEC 4000, certificated CE Type 3, 4, 5 protective garment, is made from lightweight and durable Imperivous PE coated fabric, which provides good protection against particulates, liquid jets and chemicals. Passing EN1149-5 anti-antistatic, EN1073-2 against radioactive particulate contamination, and EN ISO 14126 against biological hazards; ULTITEC 4000's high performance exceeds WHO required disposable coverall standards for Ebola outbreak prevention. The ergonomic design fits the body shape and provides comfort and movement space to avoid pulling, rupture and burst. The sewn seams are over sealed with chemical proof tape to reduce the risks of particulates and liquids invading. Applications include chemical handling, decontamination and disease and disaster management to name just a few.

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DS SAFETY – VARMEX

VARMEX® non-flammable clothing and covers protect people, machines and products from metal drops, fire, embers, sparks and radiant heat. It is comfortable to work with, since the material is soft and flexible as well as antistatic and breathable. We have products going down 300g - this light weight is to ease the workload. What's more the products have no additives or coatings, meaning they perish in nature without leaving a trace. These tailor-made solutions suit your needs and your situation. Contact us today for free advice on your fire-retardant safety solution.

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EVAC+CHAIR INTERNATIONAL

Evac+Chair International are the world's Number 1 suppliers and original manufacturers of evacuation chairs. The chairs are designed to accommodate disabled or mobility impaired people, allowing them to descend a staircase in an emergency situation without the need of great physical strength or lifting. Alongside our extensive range of chairs we also have a variety of emergency solutions equipment including the 'Smart' range of products from Sigma Fire & Security and the CardiAid Automated External Defibrillator. With over 35 years' experience and over 30 distributors worldwide, including in the USA, Germany, India and South Africa, Evac+Chair have become leading specialists in emergency evacuation, providing comprehensive training and education to ensure effective use of its products.

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GAS DETECTION

GAS CLIP TECHNOLOGIES

In 2013 Gas Clip Technologies developed a portable gas detector for LEL, H₂S, CO and O₂ that far outlasts any other multi gas detector by a long shot. The Multi Gas Clip (MGC) can run continuously for two months on one charge so it keeps working when you depend on it most. Features: no need to frequently calibrate as it is immune to catalytic poison and fails to safety, works in inert environments/ no need for oxygen, one button operation, data logging, full function self-test upon activation and visual, vibrating and audible alarms.

+1 972 775 7577 info@gascliptech.com www.gascliptech.com

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ANTI SLIP TAPE

HESKINS

High quality glow in the dark anti-slip tape was launched earlier this year as Heskings first glow in the dark anti-slip solution with a non abrasive surface. This increases the scope for application, as it is easy to clean. Perfect for industrial internal and marine applications as well as catering and other food related facilities. High quality glow in the dark anti-slip tape meets DIN & ASTM requirements, with application and usage instructions available on the Heskings website, as well as a sales team available during regular working hours. Samples are available on request.

+44 (0) 1254 832266 mail@heskins.com www.heskins.com Facebook: Heskings.AntiSlip

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WINCH

IKAR Personnel and Load Winch

The IKAR PLW is a manually operated cable winch/drum for the lifting and lowering of persons and loads. The winch is type-examination is tested on the basis of the EC machinery directive 2006/42/EG, attachment IV and in dependence of EN 1808:2015 "Safety requirements for suspended access equipment." The winch is intended for use with IKAR tripods, IKAR cantilever arms and/or approved supporting structures, in order to facilitate the access to tight manholes and containers. The IKAR PLW can only be used for the transportation of persons in connection with an independent fall arrestor type IKAR HRA and a harness that is approved together with the winch.

www.ikar-gmbh.de

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FOOTWEAR

JALAS

After 100 years at the forefront of safety, what do you give the most advanced safety shoe on the market? You give it a timeless colour. Shock absorption to match professional running shoes. Grip that turns climbers' heads. Features that actively fight for your comfort. JALAS® 9568 is a safety shoe with an aluminum toecap and nail protection in plasma-treated composite (PTC) textile. Size range: 36-47. EN ISO 20345:2011, S3 SRC HRO

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WORKWEAR

LAKELAND

Permasure is a unique, on-line method of assessing actual safe-use times for chemical suits against specific chemicals, accounting for conditions such as exposure time and temperature. Currently users are restricted to permeation test results which provide no information about safe-use time, although they are often incorrectly used as such. With Permasure, calculate in seconds a real-world safe-use time. The only way to obtain such information now is through complex calculations. With Permasure, simply enter the key information and in seconds you have an answer... are you safe or not?

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NON-FLAMMABLE

VARMEX® Products insulates and protects against metal drops, fire, embers, sparks and radiant heat.



COMFORT

The material is soft and flexible as well as anti-static and breathable, giving you the best comfort when welding



LIGHTWEIGHT

Designed to ease the work load by being a lightweight product. We have products ranging down to less than 300 g



NATURAL

No additives or coatings. Coming from natural materials and therefore perish in the nature without leaving traces.

ABOUT VARMEX®

"Technical solutions for extreme environments"

VARMEX® is a fire-retardant technical textile that protects against metal drops, fire, embers, sparks and radiant heat. The ideal protection of people, machines, products and expensive equipment.

**LEARN MORE
ABOUT
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Welding Safety

Reducing the risks when welding



“it should go without saying that you should always inspect your PPE and take it out of service if it is in disrepair”

Welding is perhaps one of the most obviously dangerous activities going, so the importance of having the correct PPE and training takes centre stage.

Welding is the practice of fusing two materials together by melting the two materials together, which should not be confused with the many other ways in which two or more materials can be joined including brazing, soldering, or through the use of adhesives. The biggest difference between welding and the other methods is that the other methods don't melt the metal. While it's true that some plastics can also technically be welded, for the purposes of this article the term “welding” will refer exclusively to metalworking.

There are many welding techniques, and each has its own type of hazards associated with it, but one thing all welding techniques have in common is that they heat the materials to extremely high temperatures.

Before discussing the specifics of individual hazards, there are some general guidelines that apply to ALL welding operations:

- 1. Always inspect your PPE before beginning a job. It should go without saying that you should always inspect your PPE and take it out of service if it is in disrepair. The worst possible time for you to discover that your PPE is no longer able to protect you is when you are exposed to a hazard.*
- 2. Dress for the job. Wear a long-sleeved, non-flammable shirt as the outermost layer. Welding is hot work and it's always tempting to wear lightweight clothing to stay cool, but as we will discuss later in this article these garments not only will not provide adequate protection, but may also increase both the likelihood that you will be injured and the severity of the injury.*
- 3. Wear a proper face shield. A welding face shield protects you from sparks, small particles of metal that may ▶*

Developing 3M's Respirators

Meet the man behind the mask



“based on this original design, the 3M™ Aura™ Respirator series is the next evolution in respirators and is the result of 3M’s continuous drive to improve comfort”

3M scientist John Bryant takes his work home with him, wearing respirators to go running and cycling and even to knock down walls.

John explained: “I find wearing the test respirator in real life conditions, such as a hot and sweaty gym or doing a spot of DIY, is the best way to get inspiration for new designs that are comfortable for the user to wear and give the best protection against hazardous particles.

John said: “I joined the 3M development team in Aycliffe to apply the science of air flow and heat transmission to developing the next generation of respirators. I worked on a number of projects including developing the 3M™ Cool Flow™ valve for our respirators to help regulate temperature flow inside the respirator. The aesthetic design was partially inspired by the design of the front grill of a 1959 Chevrolet Corvette Stingray.”

John also led the development team (including Chris Henderson and Des Curran) behind 3M’s first three-panel flat-fold disposable respirator, setting new standards for comfort and convenience.

He said: “We know the main barrier to workers wearing respirators is comfort and so we constantly re-invent our own technologies to improve on comfort and fit to help create safe working environments with no loss in productivity.

“Disposable cup shaped respirators were originally launched by 3M around 50 years ago, followed by a two-panel respirator. We launched the first three-panel design in 1997 based on detailed research to

understand how to switch from a flat-fold shape into a 3D shape when worn. This involved us investigating a number of related techniques, including origami!

“To find the best solution for wearing a product against the skin we also looked at how inventors addressed similar problems in the past. We researched patents going back 200 years for everything from respirators to nappies and boxing gloves to see how they were designed and made. As well as testing a new design in the lab, we ask customers to try them out in the field and give us their feedback. Then we optimise and test again until we have a final product that gives the most natural feel.”

Based on this original design, the 3M™ Aura™ Respirator series is the next evolution in respirators and is the result of 3M’s continuous drive to improve comfort.

John added: “I love applying knowledge, science and experience to creating a product that people actually want to wear and which contributes to a better, healthier world. Knowing that our products protect people working across a range of industries gives me great pride and satisfaction.” ■

For more information please visit www.3M.eu/aura



Portwest First to Market in EU and USA with Revolutionary Hard Hat



Portwest, Europe's leading manufacturer of personal protective clothing and equipment has become the first to European and American markets with a new revolutionary head protection product. The Peak View

Translucent Hard Hat is an improved modern design on the traditional hard shell protective helmet that allows wearers maximum peripheral vision. It is perfect for companies who are seeking to improve their culture of health and safety. The Peak View hard hat is manufactured from a new translucent high impact polycarbonate material, which enables the wearer to see through the hard hat from any angle. This eliminates the need for head tilt or reverse head harnesses, as visibility has been significantly improved. ■

For further information visit www.portwest.com

Next Evolution in Respirators

Science driven innovation helping to provide comfort, fit and protection.

Twenty years ago 3M developed the first three-panel flat-fold disposable respirator, setting new standards for comfort and convenience. Based on this original design, the 3M™ Aura™ Respirator series is the next evolution in respirators and is the result of 3M's continuous drive to improve comfort. ■

Find out more about this great innovation by visiting www.3m.eu/aura



Introducing the VARMEK® Welding Mask

Traditional welding helmets are usually large and clunky for welders to work with. Now we are revolutionising the welding industry by offering you the lightest welding mask you will ever wear. The lightweight design makes working in confined spaces easier as in mobile welds and weld inspections. The automatic dimming welding goggles with adjustable settings let you work with TIG, MIG, SMAW and MAG welding DIN 5 to DIN 13. The possibilities are endless, with the compact design making it easy to wear respirators, helmets and ear muffs simultaneously. ■



For further information visit www.d-svarmex.com

Introducing Chemical Protection from TraffiGlove

TG1080 Chemic 1 is a fully compliant EN 374-3 protective glove offering excellent permeation protection and level 1 cut protection thanks to its unique blended compound.

Key features:

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- Water resistant
- Dextrous and comfortable fit
- Extended cuff for additional cut protection
- Cleated anti-skid grip for added security ■

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Heskins Anti Slip Solutions

Heskins are a manufacturer and supplier of a wide range of self-adhesive anti slip tapes and floor marking materials for industrial and business applications. Their warehouse-style factory allows them to employ lean production methods to create a range of high quality safety products in various colours, sizes, shapes and finishes.

Heskins also offers a variety of custom anti slip solutions (dependent on order quantity) to meet your needs. Heskins can produce custom options in many sizes, shapes and colours matching Pantone or RAL references. ■

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Concordia Textiles Advanced Workwear

Concordia Textiles supplies garment makers with qualitative technologically



advanced fabrics for the use of protective clothing. As a completely vertical integrated textile manufacturer, we are weaving, dyeing, printing, finishing, coating and laminating fabrics. With production facilities across two continents, Europe and Asia, we offer an optimal and flexible service to meet the global requirements of our customers. For a selected number of products with a high demand, Concordia Textiles has set up a Never Out of Stock programme that secures high levels of availability. These products can be shipped out in smaller quantities to support our customers in reducing inventory risk and increasing flexibility. ■

Visit www.concordiatextiles.com or email workwear@concordiatextiles.com