

SPECIALISED HIGH-END SAFETY

THIS INVOLVES HAVING AN ESSENTIAL SET UP OF A SYSTEM THAT PROMOTES SECURITY AND SAFETY. HAVING A FULL PROOF EMERGENCY PLAN IN PLACE IN CASE OF EXIGENCIES IS A MUST. WE HAVE EXPERTISE IN UNDERSTANDING VARIOUS OFFICES, COMMERCIAL AND RESIDENTIAL SETUPS IN ORDER TO PROVIDE A BASIC SECURITY SOLUTION TO OUR CUSTOMERS. WE ALWAYS GO UP AND BEYOND BASIC CONVENTIONAL SERVICES AND PROVIDE A COMPLETE CUSTOMIZED SOLUTION ON THE BASIS OF SITE ASSESSMENT. WE TAKE THE COMPLETE ONUS OF OUR QUALITY DELIVERANCE.

PRODUCT CATEGORY



SPECIALIZED HIGH-END SAFETY

ARC FLASH PROTECTIVE SUIT

We provide innovative solutions to the customer needs utilizing our global resources. Our range of Arc flash Suits and Kits provides an unparalleled protection from the thermal effect of an Arc flash. We provide ATPV rating 8 CAL/cm² to 100 CAL/cm². Bib Coverall and Coat. Meet current ASTN F1506 and NFPA 70E 2012 standard. European conformity (CE) Certified.



Available sizes S,M, L, XL

Arc Flash Protection Hood

Meet current ASTN F1506 and NFPA 70E 2012 standard. European conformity (CE) Certified.

Arc rated 25 centimeters by 50 centimeters anti-fogging replacement lens.

One size fit for all.

DI ELECTRIC BOOTS

Di-electric boots are specially for electrical engineers, meets to International standards. Electric Shock resistance: Complete boot 20 KV 3 minutes no damage, Complete boot at 5 KV 5mA Leakage current Complete boot 10 KV 8 hours no damage.



CHEMICAL PROTECTION

GAS TIGHT SUIT

Interceptor® is your first line of defence against extreme chemical hazards. Interceptor® is the apex of Lakeland Industries' chemical protective clothing line. Manufactured to CE type 1 requirements and available in encapsulating and non-encapsulating configurations, there is an Interceptor® suit for your needs be it gas, vapor, aerosol, liquids, harmful contaminants or particulate protection.



Gas Tight Clothing (Type 1 & 2)

Gas tight and non-gas tight against gaseous chemicals and vapours.



Type 1 (EN 942-1)

Gas-Tight suits

EN 943-2 ET

Gas-Tight suits for use by Emergency Teams



Type 2 (EN943-1)

Non-Gas-Tight suits (air-fed / pressurised suits)

Gas tight suits are fully encapsulating suits providing a full hermetical seal against the environment in order to protect against hazardous gases and vapours. Gas-Tight suits according to EN 943 are of four variants:-

- Type 1a** Gas-Tight encapsulating suit with fully independent SCBA worn INSIDE the suit
- Type 1b** Gas-Tight encapsulating suit with fully independent SCBA worn OUTSIDE the suit
- Type 1c** Gas-Tight encapsulating suit with breathable air and positive pressure supplied by a remote airline
- Type 2** Non Gas-Tight encapsulating suit with breathable air and positive pressure supplied by a remote airline

The standard Interceptor is a Type 1a suit - a gas-tight suit with independent SCBA worn inside the suit.

Interceptor also meets the requirements for EN 943-2 (ET) - the special standard for gas-tight suits for use by Emergency Teams. The key difference with this standard relates to the requirement for permeation testing of the list of required chemicals against the ZIPPER as well as against the fabric, visor and gloves.

CHEMICAL PROTECTION



CHEMICAL PROTECTIVE SUITS

ChemMax®. Offering quality along with durability, this cost-effective entry level product will please distributors, safety engineers and plant purchasing managers. Whether you are in manufacturing, environmental clean-up or chemical handling, you can trust the ChemMax® family of products to protect your workers from harm.

ChemMax® 1 - Type 3, Type 4, Type 5, Type 6

Lightweight, disposable and cost effective chemical suit for protection against splashes and sprays of hazardous chemicals in Type 3 & 4 Applications.

ChemMax® 2 - Type 3, Type 4, Type 5, Type 6

Lightweight, disposable chemical suit for protection against splashes and sprays of hazardous chemicals in Type 3 & 4 Applications.

ChemMax® 3 - Type 3, Type 4, Type 5, Type 6

Limited use coverall made using multi-layer composite technology featuring a proprietary barrier film laminated SBPP to enable an effective high barrier to a wide range of hazardous chemicals.

ChemMax® 4 - Type 3, Type 4, Type 5, Type 6

This line of high performance chemical protection can be used in work environments where hazardous contaminants may be present. ChemMax 4 is at the top of the ChemMax line of clothing. ChemMax 4 features a 6 Layer protective barrier that will stand up to the toughest of hazardous chemical.

CHEMICAL BOOTS

HAZMAS

Meet the requirements of ASTM F2413-05 and CSA Z195;

-Beyond the CSA requirements on insulativity;

-Steel toecap and sole, seamless injection modeling with PVC;

-Meet the requirement of NFPA 1991-2005.

-87012 used with chemical protective coverall without socks

-87015 used with chemical protective coverall with socks



SCBA & EEBD

AERIS CONFORT TYPE 2

Self-Contained Breathing Apparatus designed for Fire-fighting and Industries. It fulfils the requirements of the most recent EN 137 standard, type 2 classification.



FENZY X-PRO SCBA

The X-Pro is a high-performance compressed air breathing apparatus set developed by Honeywell Safety Products. Its construction integrates many passive safety elements and modular function, offering an optimal protection for the user in every kind of environments and extreme applications. The apparatus is EN 137:2006 Type 2 certified. Developed to meet professional requirements: The materials used to construct the X-Pro combine comfort and high performance. They can withstand hostile environments such as extreme temperatures or chemical splashes, and provide unrivalled durability and long life.



SCBA & EEBD

BIO-S-CAPE

The Bio-S-Cape is a compressed air emergency escape breathing device designed to offer easy donning, combined with optimal respiratory protection. It is contained in a bag for carrying which, when opened, automatically triggers the supply of breathable air from the cylinder. Overpressure maintained inside the hood eliminates any risk of inhaling toxic gases. The hood is adjusted automatically thanks to the integrated inflatable air cushion on the back of the head. This system allows the hood to fit securely over the head, offering greater respiratory comfort and leaving the hands-free during donning, ensuring the highest level of safety. An alarm whistle indicates when the air supply is about to run out. Steel or Composite cylinder version available.



FENZY AERIS MINI SCBA

Self-Contained Breathing Apparatus developed for short-duration operations. Light, comfortable and designed for quick donning, it provides the end-user with an excellent comfort and breathing safety. Can also be used for escape.



CONFINED SPACE ENTRY KIT

The G.Saver II™ is a retractable fall arrest device which features a combined rescue winch to raise or lower the user to safety, should a fall occur.

The G.Saver II™ should be used in fall arrest mode with the winch mechanism disengaged in order to protect the user from a fall. Should a fall occur, the steel cable is pulled out at an accelerating rate and when a speed of 1.5 m/sec is reached the braking system activates, arresting and cushioning the fall.



HEAT PROTECTIVE CLOTHING

ALUMINISED PROTECTION AGAINST AMBIENT AND RADIANT HEAT

CE Certification

Series 300 and 500 are certified to EN 11612 (Flame and Heat Protection) and EN 11611 (Welding and Allied Processes). The heat protection levels achieved for Convective Heat (EN 9151), Radiant Heat (EN 6942) and Contact Heat (ISO 12127) are shown in the table below:



EN 11612 Certification	Limited FlameSpread A1	Limited FlameSpread A2	Convective Heat Code B	Radiant HeatCode C	Contact HeatCode F
Series 300	Pass	Pass	7.1s - B1	108s - C2	6.3s - F1
Series 500	Pass	Pass	9.9s - B1	119s - C2	7.4s - F1
Series 700	Pass	Pass	78.1s - B3	>600s - C4	41.9s - F3

Material Selection

Fyrepel offers the 900 and 700 Series in Aluminized Glass only. The 500 and 300 series are offered with a choice of materials. Each fabric has specific properties that help you decide your material selection.

Ambient Heat is surrounding atmospheric temperature in a given situation. Examples are: 65° F-70° F (18° C-21° C) in an office; 1600° C in a fire walk.

Aluminized Glass

Aluminized Glass combines the reflectivity of an aluminized outer surface with glass fabric. Glass fabric neither burns or supports combustion, and offers a combination of properties from high strength to fire resistance. It is a stable material that will not stretch or shrink, even after exposure to extremely high or low temperatures.

The following definitions are given as reference in selecting the proper clothing for heat protection.

Conductive Heat is generated by direct contact with a hot surface. Examples are: picking up a burning block at 600° F (315° C); leaning against a furnace wall at 1000° F (537° C).