



4th Edition
www.safetyplusworld.com

2020

Product Catalog

Top Brands ■ Total Solutions ■ One World



ABOUT US

Our Legacy

Raja Company W.L.L. was founded in 1961 by our founding father the Late Mr. Govind Mirchandani. Since then, our organization has grown into Raja Group of companies and divisions that serve valued customers in fields such as Safety, Kitchen Equipment, Restaurants, Web & Software Solutions, Fabrication and Interiors contracting to Training & other Services. Safety Plus World was founded in 1996 and has from then on, grown and is today the market leader when it comes to Personal Protection, Health & Safety requirements and solutions for practically any industry in the State of Kuwait and the Middle East Region.

Our Mission

Is to be a progressive leader in finding, professionally developing and introducing the latest in HSE technology & solutions to the Middle East Region.

Our Vision

Safety being our Passion has inspired us to create a WORLD where we bring together some of the best and most well-known and reputed Manufacturers from the Safety, Health, Environment & Security Industry. The intention was not to be just a One Stop Shop – but a World where people from the Safety Arena could find Total, Easy & Quick Solutions to their day to day Health, Safety, Environment and Security concerns. Investments in the past few years has not only been on expanding our product range by bringing in New brands, New categories & stocking these products, but we as a company, have Equally (if not more) identified the need and emphasized and invested on a Proactive approach to After Sale servicing of the products we sell. We have the past couple of years dedicated a separate research team to identify new developments in relation to Industry 4.0, AI and IOT with special emphasis given to Safety wearables etc. (See below)

Investments in the past few years has not only been on expanding our product range by bringing in new brands and new categories, but also on initiating a proactive approach to after sale services. Furthermore, in the past couple of years, we have dedicated a separate research team to identify new developments in relation to Industry 4.0, AI and IOT with special emphasis on Safety wearables etc.

We have also set up a Repair and Service workshop, which is the first of its kind in the State of Kuwait. It specializes in Fall Protection products from well-known brands such as DBI Sala and Protecta. Additionally, with the expertise of certified, and well trained personnel, we provide SCBA servicing and repairs from Scott Safety USA, as well as Gas detection instrumentation repairs and calibration services.

Safety Plus World is also growing to be the fastest provider of Fire Safety products in Kuwait. We have a variety of Fire Retardant Garments, Bunker Gear for fighters, Shoes, Helmets, Communication devices, Breathing systems and other Equipment. Not to forget our latest alliance with our partners in the middle east to provide Fire Safety Training, Audits and Software solutions as well.

MEA Regional Thrust

- Representing Edelhoff Technologies Germany for MEA we bring in the best Life support systems, dense loading and catalyst handling technologies to the region.
- With our Venture into HSE Software solutions for HSE, Industrial Hygiene and Ergonomics. Safety Plus World will become the complete Safety Solutions provider in the region.
- With www.ibuysafety.com, our very first SAFETY ON LINE portal in the region, we will bring home Safety to your doorstep.

We believe, our People are our Assets and so, have been constantly evolving the knowledge and skill sets of our Team & equipping them to constantly enhance and upgrade our service levels to our esteemed customers. We take pride in building a World of Safety, which continues to grow at a tremendous pace.

We are run by a highly Inspired & Motivated Professional Team who are Passionate about Safety, Committed to all our customers and are Energetic and Responsive to the ever changing work habitat that calls for CARE every step of the way.....

We are proud to bring you TOP BRANDS TOTAL SOLUTIONS ONE WORLD!



Rohit G Mirchandani
(Managing Director)

HISTORY



When our founder landed at Kuwait in 1952, he immediately conceived it to be truly the land of milk and honey. True to vision, and within the decade, in 1961 Mr. Mirchandani established Raja General Store and Trading Company. Traditionally hard working, and business savvy by nature, as well as being well educated, the young Shalesh Mirchandani, popularly known as Rohit, was determined to elevate the family business to the next level.



Beach Clean 2019



Kuwait Safety Championship



Head Office



Raja Company Warehouse



Our Team



Fall Protection Service Center



Fall Protection Training



Sharjah Warehouse and Office



ASSP GCC HSE Excellence Award 2019 (Gold)



ISO Certification

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HEAD PROTECTION



Head Protection



uvex pheos B-WR

- **White: 9772.030, Yellow: 9772.130**
- Safety helmet with slots for uvex visors, earmuffs and lamps
- Side Euroslot adapters (30 mm) for attaching earmuffs
- Three variable air vents for maximum ventilation
- Suspension harness with wheel ratchet for variable width adjustment (uvex pheos B-WR)
- Six-point textile band attachment ensures optimal fit and comfort
- Meets standard EN 397 and additional requirements for very low temperatures (-30 °C) and molten metal (MM) splash



uvex 9780 antistatic-WR

- **White: 9780.030, Sky Blue: 9780.550**
- Safety helmet with slots for uvex visors, earmuffs and lamps (ATEX certified only)
- Suitable for unrestricted application in accordance with Equipment, Groups I and II for use in potentially explosive atmospheres (in accordance with ATEX Directive 94/9/EC)
- Suspension harness with wheel ratchet for variable width adjustment
- Meets standard EN 397 and additional requirement for molten metal (MM) splash



uvex airwing B-WR

- **White: 9762.030, Yellow: 9762.130**
- **Blue: 9762.530**
- Lightweight helmet with attractive design
- Perfect fit, high wearing comfort
- Helmet shell made of polyethylene
- Side slots for attaching ear defenders and/or visors
- 6-point textile suspension harness
- These safety helmets are tested and certified to EN 397

Bullard Hard Hat

- **Model No.: S61**

Bullard S61 conform to all ANSI/ISEA Z89.1-2014, Type I, Class E & G requirements, including impact, penetration, and electrical insulation. Available with a 4-point self-sizing pinlock. Made from high-density polyethylene.

Available Colors: Yellow, White, Blue, Red, Green, etc.

Made in USA



Safety Plus World Hard Hat

- **Model No.: SP100HP**

- Material : HDPE
- 4 Point Ratchet suspension
- Smooth Ratchet for Adjustable Fitting
- With Adjustment chin strap
- Conforms to: CE EN397.2000
- Available Colors: White, Yellow, Blue, Red, Green



uvex pheos alpine

- **White: 9773.050, Yellow: 9773.150**

- **Blue: 9773.550**

- Light ABS helmet shell offers high level of protection and durability
- Head torches (miner's lamp) can be attached
- The 6 point textile suspension harness ensures an optimum fit and comfort
- Industrial protection helmet in accordance with EN397 and EN 12492 requirements for climbing helmets



Head Protection



Portwest Height Endurance Helmet

- **Model No.:** PS53

Designed to be specially used for working at heights. Light, comfortable and compact with a short peak. ABS shell, textile comfort harness 6 points, wheel ratchet adjustment, size 52-63cm. Available Colors: White, Yellow, Black, Orange, Royal Blue

Standards

ANSI/ISEA Z89.1 TYPE I (Class E)

EN 50365 Class:0

EN 397 (-30°C/+50°C)



Portwest Peak View Ratchet Hard Hat Vented

- **Model No.:** PV64

The Peak View Ratchet Hard Hat is a Portwest exclusive design and patented model. The translucent shell and see through peak and sides allow the wearer to look upwards without the need to tilt the head. The extra strong yet ultra light weight polycarbonate shell offers UV rays protection. Other features include 6 points textile harness and wheel ratchet adjustment. Electrical Properties (440VAC)

EN 397 (440 V.a.c., -30°C)

ANSI/ISEA Z89.1 TYPE II (Class G)

Available Colors: Blue, Clear, Green, Orange, Pink, Red, Smoke, Yellow

Bullard AboveView™ Hard Hat



- **Model No.:** AV**
- Replaceable See-Through Visor
- Vertical Adjustments (two front and two rear)
- Nylon Crown Straps
- Large, replaceable, absorbent Cotton or easy-to-clean Vinyl brow pad
- Cushioned Nape
- Large, easy-to-turn Flex-Gear® ratchet knob
- Accessory Slots
- ANSI/ISEA Classification: Z89.1, Type I, Class E & G
- Available Colors: Clear, Grey, Yellow

Bullard Standard Series Wide Brim Hard Hat with Ratchet Suspension



- **Model No.:** S71R
- A wide brim extends the area of rain and sun protection offered by the Model S71 Hard Hat
- Highly absorbent cotton replaceable brow pad for added comfort
- Four-point suspension has a Flex-Gear® ratchet suspension with a ratchet sizing knob and flex points for a personal fit
- Accessory slots allow for mounting faceshields, welding helmets, earmuffs and headsets
- Meets ANSI Z89.1-2003, Type I, Class E and G requirements



Head Protection



Portwest PW Full Brim Hard Hat

- **White: PS52**
- Full brim helmet with lightweight PP shell
- Its wide profile provides extra protection against sun glare rain debris and non-toxic splashes
- A 4 points nylon harness with ratchet wheel adjustable size (52-63 cm)
- Soft foam sweat band included
- Meets following standards: EN 397, ANSI/ISEA Z89.1 TYPE I Class E



Bullard High Heat Series

- **Model No.: 911CR, 911HR**

911C and 911H for High Heat Environments

To meet the demands of high heat environments, Bullard produces the 911 Series of hats and caps in technologically advanced thermoplastic materials. In fact, these helmets are molded in the same grade of material used in the Bullard Wildland firefighting helmets. The 911 Series meets the ANSI/ISEA Z89.1 Type I, Class E and G standard for head protection.

- Constructed from the same materials as our rugged firefighter helmets
- Ideal for utilities, welding, foundries and steel mills
- Available in full brim (911H) or cap style (911C)
- Available with Flex-Gear® ratchet sizing or standard six-point suspensions for comfort and convenience
- Certified to ANSI/ISEA Z89.1-2009, Type II, Class E & G



Bullard FX Structural Series

The FX Series fiberglass, contemporary style structural fire helmet is designed to withstand frequent exposure to chemicals and hydrocarbons. This helmet incorporates recommendations from veteran fire professionals from around the world. The Bullard Sure-Lock® ratchet headband adjusts to the wearer's head with a quick turn of the knob. Additional adjustment points permit custom fit, personalized balance and interface with the SCBA. This series includes models that meet CE requirements and U.S. Navy requirements.

Certified to NFPA 1971-2013 standard



Bullard Magma® Fire Helmet

The Magma® helmet system is based on a platform that enables the user to configure his/her individual helmet. Magma features a lightweight design thanks to an innovative shell material, while offering the utmost functionality and is made from just 29* components.

EN443:2008 for Helmet and all accessories

EN14458:2004 for Visor

EN166 for Eye protector and goggle

EN 469 for Ear-neck-protectors



Bullard LTX Structural Series

Bullard LTX helmets come standard with the innovative Quick-Attach Blade System. This system permits the firefighter to simply press on or off either a blade-mounted faceshield or blade-mounted goggle in seconds. The Bullard Sure-Lock® ratchet headband adjusts to the wearer's head with a quick turn of the knob. Additional adjustment points permit custom fit, personalized balance and interface with the SCBA.

Certified to NFPA 1971-2013 standard



Head Protection



Portwest Bump Cap

- **Model No.: PW59**

Designed to protect against bumps and scrapes, secures easily with a Velcro back adjuster. The high profile ABS shell acts as a shock absorber and comes with a soft padded crown. It features eight ventilation ports for cooling ventilation. Conforming to EN812, ideal for use where helmets are not required. EN812 Polycotton with ABS Shell
Available colors: Black, Navy Blue & Royal Blue



Portwest Vent Cool Bump Cap

- **Model No.: PW69**

Sport look bump cap, with large mesh panel on the top, allowing maximum airflow. Reflective stripes for enhanced safety and style.

Materials: Cotton, Mesh, ABS, EVA.

Available Colors: Black, Grey, Navy, Red
Meets EN 812



Portwest L.E.D Head Light

- **Model No.: PA50**

Head Light with tilt control so you can aim the light where it is needed most. Ideal for keeping your hands free for work. New and improved brightness now with 8 L.E.D's. The ideal utility head light.

- Brightness: 40 Lumens
- Run time: 10 hours
- Batteries: Included AAA x 3
- Function: High-Medium-Low



EYE & FACE PROTECTION



Eye & Face Protection



uvex pheos cx2

- **Model No.:** Clear 9198.257, Grey 9198.237
- "x"-branded safety spectacles with a modern, sporty design
- Injection moulded forehead and nose piece further enhances wearer comfort
- Twist-arm technology for ultimate non-slip fit, comfort and protection
- Duo-spherical lens delivers excellent field of vision
- Large field of vision with duo-spherical lens
- Innovative uvex duo component technology for maximum wearer comfort
- Excellent ventilation around the eye area
- **Standards:** Certified as per EN166 & EN170
- Made in Germany



uvex sportstyle

- **Model No.:** Clear 9193.376, Grey 9193.280
- Adjustable, soft nose piece for a comfortable, customised fit
- At just 23g, low weight and comfortable. Ideal for extended periods of wear
- Side arms combine hard and soft materials - soft grip on the inside of the arms and brow ensures non-slip fit and optimum wearer comfort
- Contoured lens delivers ultimate cohesive fit
- Sun lens also available
- Unrivalled uvex permanent lens coating technology
- High performance anti-fog on the inside, scratch resistant on the outside
- **Standards:** Certified as per EN166
- Made in Germany



uvex i-3

- **Model No.:** Clear 9190.280, Grey 9190.281

A new dimension in protective eyewear.

These innovative protective spectacles are designed to perfectly fit the face. Their flexible side arms with variable inclination can be individually adjusted, while the integrated zone ensures outstanding wearer comfort for all head sizes. The extremely soft flex nose piece ensures that even when worn for long periods, spectacles are comfortable, do not press on sensitive areas and remain firmly in place. Soft ear pieces and the zone at the temples ensure a secure fit in any situation.

- Wearer comfort to all head widths
- Adjusts for any face shape
- 100% metal free
- Flexible side arms with variable inclination
- Integrated Softflex zone for different head with widths
- Made in Germany



uvex i-vo

- **Model No.:** Clear 9160.275, Grey 9160.076

Pressure-free grip for longer periods of wear

- uvex duo component technology combines hard and soft materials for superb wearer comfort
- Quattro flex pads give increased comfort in pressure areas; nose, brow and behind ears
- Lens inclination and temple length adjustment
- Highest optical quality lens – class 1
- Standards: CE approved to EN166 1F
- Made in Germany



Eye & Face Protection



uvex x-fit

- **Model No.:** Clear 9199.265, Grey 9199.280
- Classic safety spectacles with good coverage of the whole eye area
- Light at just 23 grams
- uvex supravision coating technology
- Innovative hinges side arm design
- Metal-free
- Standards: DIN EN 166 + DIN EN 172
- Made in Germany



uvex astrospec

- **Model No.:** Clear 9168.047, Grey 9168.048
- One of the world's top-selling spectacles
- uvex duo flex side pieces for maximum comfort
- 4-stage side piece length adjustment for a good fit
- The lens is made from high impact-resistant polycarbonate and is complimented by integrated side protectors
- Standards: Certified as per EN166 and ANSI Z87.1
- Made in Germany



uvex winner

- **Model No.:** Clear 9159.105, Grey 9159.118
- The 'must-have' metal framed safety spectacle
- Sprung side arms with 'soft grip' temple ends
- Hinged nose pads for extra comfort
- Scratch resistant and anti-fog lens coating
- Optical class 1 polycarbonate lens
- Standards: CE approved to EN 166 1F
- Made in Germany



Eye & Face Protection



uvex astrospec 2.0

- **Model No.:** Clear 9164.065, Grey 9164.387
- Innovative style and new technology ensure maximum wearer acceptance
- Maximum wearer comfort to all face shapes due to flexible 2k side arms and inclination
- Wraparound side arms ensure perfect fit
- Secure and pressure free fit, even when worn for extended periods
- Made in Germany



uvex i-3 variomatic spectacles

- **Model No.:** 9190.880
- Adaptable to every face, with extremely comfortable and outstandingly secure fit
- Self-tinting lenses with uvex supravision variomatic coating: self-tinting lenses
- Frame in black/anthracite
- PC lens, light green
- **Standards:** DIN EN 166 + DIN EN 172
- Made in Germany



Portwest Levo Spectacle

- **Model No.:** Clear PW11CLR, Grey PW11SKR
- The Levo Spectacle offers the comfort of safety glasses with the fit and seal of a goggle
- The interchangeable foam seal gives added brow and cheek protection and the spectacle can be interchanged with a head adjustable strap or soft rubber temples
- Indirect vents in the foam attachment allow excellent ventilation which helps to prevent misting and fogging
- **Standards:** EN166 1F, ANSI/ISEA Z87.1

Eye & Face Protection



Safety Plus World Premium Eyewear

- **Model No.:** Clear S-801CLAF, Grey S-801SMAF
- Poly Carbonate lens w/grip nose pads
- 8 Based curvature standard Hard coated
- Angle adjustment for universal fitting
- Arm grips for extra comfort and secure
- Standards: ANSI Z 87.1-2015



Safety Plus World Platinum Eyewear

- **Model No.:** Clear S-801CLAFGP
- **Model No.:** Grey S-801SMAFGP
- Poly Carbonate lens w/grip nose pads
- 8 Based curvature standard Hard coated
- Foam for extra protection
- Angle adjustment for universal fitting
- Arm grips for extra comfort and secure
- Standards: ANSI Z 87.1-2015



Safety Plus World Platinum Plus Eyewear

- **Model No.:** Clear SP300CL
- **Model No.:** Grey SP300SM
- Flexible, rubber tip temples provide a secure fit and release pressure points Lightweight, frameless design provides user all day comfort
- Soft rubber bridge design with a ribbed nose-piece for comfort
- Provide 99.9% protection against harmful UV rays
- **Standards:** EN166:2001, EN170:2002, EN172:1994+A2:2001



Safety Plus World Dielectric Eyewear

- **Model No.:** Clear S-808BKCLAF
- **Model No.:** Grey S-808BKDKAF
- Larger & comfortable fitting to most of users
- Adjustable non-slip soft bridge nose pads
- PVC nose pads in smoke jelly color
- Both frame and arms with black rubberised painting finish
- **Standards:** EN166:2001



Safety Plus World Basic Eyewear

Model No.: Clear S-968 CLAS

Model No.: Grey S-968 GYAS

- Lightweight, frameless protection
- Superior comfort and fit
- Polycarbonate lens provides 99% UVA/B/C protection



Eye & Face Protection



uvex pheos cx2 sonic goggles

- **Model No.:** Clear 9309.275, Grey 9309.286
- uvex's lightest compact wide-vision goggles (34 grams)
- High mechanical strength B (120 m/s)
- Designation 3 (liquids), 4 (coarse dust) and T (extreme temperatures)
- Comfortable protection thanks to soft forehead and nose piece moulded directly onto the lens
- uvex supravision coating technology
- Very soft, light textile headband for secure and comfortable fit
- **Standards:** DIN EN 166, DIN EN 170
- Made in Germany



uvex u-sonic

- **Model No.:** 9308.248
- Innovative ventilation system ensures comfortable internal goggle environment lens replacement possible
- 9308.04 add on lens grey 14% and magnetic headband
- Compact design – just 69g (without additional lens)
- Low profile, wraparound design fits a wide range of facial shapes
- Soft seal frame technology adapts to your face for a customised fit – protects against liquid droplets/splash large dust particles
- Permanent anti-fog on the inside of the lens, scratch resistant on the outside
- Wide fully adjustable head strap-secure, pressure free fit
- **Standards:** DIN EN 166, DIN EN 170, DIN EN 172
- Made in Germany



Eye & Face Protection



uvex ultrasonic

- **Model No.:** Clear 9302.245, Grey 9302.286
- Supravision anti-fog/anti-scratch lens
- Can be worn comfortably over most prescription spectacles
- The outstanding ventilation ensures a pleasant interior environment, whilst protecting against splash and dust
- Optical class 1 polycarbonate lens
- Liquid (chemical) splash, large dust particles, molten metals and solids
- **Standards:** DIN EN 166 + DIN EN 172
- Made in Germany



uvex carbonvision

- **Model No.:** Clear 9307.375, Grey 9307.276
- Slim fitting very comfortable goggle
- Special anti-mist coating and scratch resistant lens
- Soft seal moulds to face
- Adjustable head band
- For dust, liquid splashes, mechanical hazards and some sport activities
- **Standards:** DIN EN 166 + DIN EN 172
- Made in Germany



uvex ultravision

- **Model No.:** 9301.105
- Anatomical shape and soft material allow close, yet comfortable fit
- Fits comfortably over most prescription spectacles
- Nose bridge works well with respirators
- Frosted top to reduce glare
- High-quality, easily adjustable headband
- Optically correct lens (EN 166 class 1) does not distort view or cause headaches
- Chemical resistant outside, antifog inside of lens
- Made in Germany

Eye & Face Protection



uvex ultrasonic flip-up

- **Model No.: 9302.043 Shade 3**
- **Model No.: 9302.045 Shade 5**
- Sporty design and wide panoramic field of vision
- High level of protection for professional welders
- Permanent anti-fog on the inside
- Available in Welding Shade No. 3 and 5
- Perfect color recognition confirms to EN172
- Made in Germany



uvex i-vo welding shade 1.7-5

- **Model No.: 9160.041 Shade 1.7**
- **Model No.: 9160.043 Shade 3**
- **Model No.: 9160.045 Shade 5**
- Fashionable safety spectacles with adjustable side arms
- New filter technology combines UV and IR radiation protection
- Minimum damage from welding sparks
- Reliable protection provided by customised fit: multi-level side arm inclination and different side arm lengths allow the wearer to adjust the spectacles to suit their facial shape
- The shape of the lenses offers unrestricted peripheral vision
- Standards: DIN EN 166
- Made in Germany

Eye & Face Protection

Encon Chemical Goggle



- **Model No.:** 5058204
- Body Color: Grey
- Lens Coating: Uncoated
- Lens Color: Clear
- Special Features: Black Neoprene Strap, Indirect Venting, SV2™ Side Vent
- Standards: ANSI Z87.1-2010, CE EN166, CSA Z94.3-2007



Safety Plus World Goggle & Faceguard

- **Model No.:** G501 (Goggle)
- **Model No.:** V-1SM (Face Guard)
- Compact Goggle w/ Panorama Field Vision
- Excellent & Comfortable fitting
- Modern look; 25mm wide plain strap
- PVC frame with nylon side buckles standard Anti fog finish with optional V1 mask



uvex Prescription Safety Spectacle



- **Model No.:** 6109.217
- Plastic frame with a sporty wraparound design
- Anatomically shaped soft nose pads
- Protective functions integrated in the frame design
- Sporty temple arms with a combination of soft and hard components ensure increased comfort and a pressure-free fit
- Curved anatomic lenses
- Made in Germany

Eye & Face Protection

Univet Prescription Safety Spectacle

All Univet prescription glasses are tailor-made. Starting from the needs and preferences of each user the production department creates a specific product with all the assurance of "Made in Italy". On all Univet frames can be mounted monofocal, bifocal and progressive lenses made of polycarbonate or CR39. These products are recognised as II Category PPE and certified according to EN166 standard.



uvex eyewear headbands

- **Model No. 9958.017**
- Headband suitable for all uvex
- Temple spectacles (except those with duo flex side pieces)
- To attach, simply slide the band onto the side pieces
- The size can be adjusted with the stopper
- Infinitely adjustable headband

Eye & Face Protection



uvex eyewear cord

- **Model No. : 9959.002**

uvex eyewear cords for all uvex spectacles



uvex pheos headband

- **Model No. : 9958.003**
- Eyewear headband to attach to uvex pheos/uvex pheos side arms
- Metal-free
- Individual size adjustments



uvex cleaning station

- **Model No. : 9970.002**

Plastic uvex cleaning station for wall mounting. This lightweight and aesthetically pleasing cleaning station is a real eye-catcher for your production plants. It enables your employees to improve their own safety with a clear field of vision as well as make their protective glasses last that much longer by means of a regular, simple and uncomplicated cleaning process.



Bullard Face Shield Visor

- **Model No. : 300B (Carrier)**
- **Model No. : 640 (Visor)**
- Stylish, sleek, cohesive look throughout the line
- Ergonomic design with easy-to-grip knobs
- Flexibility to accommodate all Bullard Hard Hats and the Bullard Bump Cap
- Band-mounted brackets that fit competitor models
- Visor retainer system that securely locks visor in place



Electrician Helmet with Integrated Arc Flash Face Shield

- **Model No.: TC402B – TC402B24**

Electrician helmet incorporating a green tinted face shield with anti-fogging and anti-scratching treatment, with a chin guard

TC402B: ATPV 8.4 cal/cm²

TC402B24: ATPV 24 cal/cm²



Electrician Helmet equipped with a lift-up Arc flash Face Shield

- **Model No.: TC4712 – TC4725**

Electrician helmet with a shield holder with a lift-up green-tinted arc flash face shield, with a chin guard.

TC4712: ATPV 12 cal/cm²

TC4725: ATPV 25 cal/cm²



E-Shark Helmet

- **Model No.: TC42ES**

Helmet:

- Polyethylene outer and inner shells

Screen:

- Polycarbonate material, thickness: 1.5 mm
- Optical quality class 1: Distortion free for permanent wear
- Protection against highspeed particles
- Protection against liquid splashes
- Protection against electric arc from short circuit
- Anti-fog treated • Anti-scratching treated
- Marking: 2-1, 2 SFE 1 B 8-1-O-K 3

Standards:

Helmet: EN 397, EN 50365 1000 V

Screen: EN 166-EN167-EN168-EN170

GS-ET-29

HEARING PROTECTION



Hearing Protection



uvex x-fit

With Cord: 2112.010 • Without Cord: 2112.001

- Tapered plug shape ensures natural, pressure free fit – maximising comfort and protection levels
- Suitable for use in high noise environments
- Patented x-grip technology reduces pressure on the ear canal and aids easy, hygienic removal
- SNR 37 dB



Honeywell Max 30 Earplugs Coded

Model No.: MAX 30

- Bell shape delivers maximum in-ear comfort
- Contoured design easier to insert, resists tendency to back-out of ear canal
- Polyurethane foam enhances comfort, especially for long-term wear
- Smooth, soil-resistant closed cell-foam skin prevents dirt build-up
- Standards: AS/NZS 1270:2002
- NRR 33 | SNR 37



Earsafe Earplugs by Safety Plus World

Model No.: SP201-EPC (with cord)

- PU Foam Bullet shape Earplugs
- Comfortable for wide range of ear sizes
- Bright fluorescent yellow for visibility
- Can be used with other personal protective equipment
- Standard: ANSI S3.19-1974 & EN 352-2
- SNR 36dB | NRR 33dB | Class 5

Hearing Protection

uvex whisper supreme



- **Model No.: 2111.235 (in a hygiene box)**
- Reusable earplugs with high sound absorption
- Long ridges for high noise insulation
- Soft, smaller earplug stem ensures optimum wearer comfort
- Storage in earplug box
- Signal recognition: W
- Approved to EN 352-2
- SNR 30dB

uvex whisper+



- **Model No.: 2111.238 (in a hygiene box)**
- The corded uvex whisper+ is easy to store when not in use an individual carrying case promotes good hygiene reusable earplug providing economical and comfortable all-day protection
- Pre shaped and formed - no roll down needed and reduce risk of infection
- Washable for repeated and hygiene use
- The shape and low pressure material of the uvex whisper, makes it extremely comfortable for all wearers
- Each pair individually packed in a hygienic storage box
- Approved to EN 352-2 • SNR 27dB



uvex x-fit dispenser "one 2 click"

- **Model No.: 2112.000**
- Easy to use, robust wall mounted dispenser
- Easy installation and a controlled release mechanism, which ensures the correct number or plugs are dispensed
- The audible "one 2 click" system prevents supply thus reducing wastage costs
- The transparent design makes it easy to monitor the number of ear plugs remaining



Hearing Protection



uvex Refill Packs

- **Model No.:** 2112.022

uvex x-fit refill pack, color lime, 300 pairs loose in the refill pack
SNR 37dB



Scott Zone 2 Helmet Mounted Ear Muff

Model No.: 2023679

Zone 2 offers an effective and comfortable solution for use in more demanding noise level environments, particularly medium to high noise level work, such as wood working, operating lathing machines and power tools, asphaltting or general construction. A consistent all round performer most effective at mid to high level frequencies, Zone 2 is suitable for long term use in medium noise level environments or shorter term use in high level noise environments.

Standards: EN352-3:2002

SNR: 29 dB



Earsafe Helmet Mounted Earmuff by Safety Plus World

- **Model No:** SP-202-EM

- Dielectric (no metal parts)
- Comfortable Style
- Helmet mouted Earmuff
- Bright fluorescent yellow for visibility
- Materials: ABS
- Standard: ANSI S3.19-1974 & EN 352
- SNR 30dB | NRR 25dB | Class 5

uvex K2H helmet earmuffs

Model No.: 2600.202

- Earmuffs, ideal for combining with helmet and visor
- Compatible with the following products:
- uvex industrial safety helmets: uvex pheos B, uvex pheos B-WR, uvex pheos B-S-WR, uvex pheos IES, uvex pheos alpine, uvex airwing, uvex super boss, uvex visor 9790
- Not compatible with uvex pheos helmet system
- Length is easily adjustable for a perfect fit on the helmet
- Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions
- Standards: EN352-3
- SNR: 30dB



uvex K200 earmuff

Model No.: 2600.200

- Dielectric ear muffs with length adjustment
- Suitable for use in workplace environments with exposure to electrical voltage
- Adjustable headband for a perfect fit and optimum protection
- Easily adjustable for a customised fit
- Range of positions possible with 360° capsule rotation
- Standards: EN352-1
- SNR: 28dB





uvex pheos K2H helmet earmuffs

Model No.: 2600.204

- Manual helmet connection for combining with uvex pheos helmet system
- Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- 360° rotation for standby and resting positions
- Standards: EN352-3
- SNR: 29dB



uvex K3 earmuff

Model No.: 2600.003

- Earmuffs with length adjustment
- Lightweight with a small cup
- Higher protection levels in high frequency range
- Easily adjustable for a perfect fit
- Padded headband for optimum wearer comfort
- Wearer comfort guaranteed thanks to extra-soft memory foam ear cushions, even when worn for long periods
- Standards: EN352-1
- SNR: 33dB

RESPIRATORY PROTECTION





uvex silv-Air 2200 FFP2 preformed mask

- **Model No.:** 8732.200
- Performed masks without valve
- Highest safety (certified according EN149)
- Optimize shape
- Soft material edges for high wearing comfort
- Continuous head band for a comfortable and secure fit
- Flexible and adjustable nose piece
- Mask fulfils the requirements of the dolomite dust test (D)
- Compatible with uvex safety eyewear
- The half sealing lip provides good fitting combined with high wearing comfort



uvex silv-Air 2210 FFP2

- **Model No.:** 8732.210
- Optimize shape
- Soft material edges for high wearing comfort
- Continuous headband for a comfortable and secure fit
- Exhalation valve for reduced build-up of heat and moisture inside the mask
- Flexible and adjustable nose piece
- Mask fulfils the requirements of the dolomite dust test (D)
- Compatible with uvex safety eyewear
- The half sealing lip provides good fitting combined with high wearing comfort
- **Standard:** EN 149:2001 + A1:2009



uvex silv-Air 7320 FFP3 preformed mask

• **Model No.:** 8707.320

Particle-filtering cup shape mask with exhalation valve – protection level FFP3

- Soft material edges for increased comfort
- Soft sealing lip guarantees a secure, comfortable sealed position of the mask
- Integrated, flexible, adjustable nose clip
- 4-point headband attachment allows an individual and secure fit
- Exhalation value reduces breathing resistance and build-up of heat moisture in the mask
- Activated carbon filter for odours, gases and vapors below limit value
- Mask fulfils the requirements of reusability (R) and the dolomite dust test (D)
- Packing: 5 pieces/box
- Complies DIN EN 149:2001 + A1:2009



Portwest FFP2 Valved Fold Flat Respirator

• **Model No.:** P251

Disposable flat fold mask FFP2 level, protects against solid and liquid particles of average toxicity. Minimal % of filtration 94%. Protects up to 10 times the TLV (Assigned Protection Factor for FFP2 masks).

Pack of 20 Pcs.

Standards

EN 149:2001 + A1:2009



Safety Plus World Disposable Particulate Respirator N95

- **Model No.:** SPN95CM
- Single-use disposable respirators featuring a pre-formed nose bridge offering protection against particulate hazards
- Cup Shaped Design
- Inner seal around the nose area for an effective fit
- Soft material edges for high wearing comfort
- Retains its shape even in extreme conditions
- Standard: NIOSH N95



Safety Plus World Disposable Particulate Respirator N95 (w/Valve)

- **Model No.:** SPN95CV
- N95 Protective Mask with Valve is designed for particles produced by applications such as grinding, sanding, sweeping, sawing, bagging, or other dusty operations
- Light and Comfortable
- Valve filter to prevent dust and non-oily particles
- Exhalation valve for easy breathability
- Soft inner materials
- Adjustable nose clip reduces potential for eyewear fogging and helps ensure a better seal and fit
- Standard: NIOSH N95





Safety Plus World Disposable Particulate Foldable Respirator N95

- **Model No.:** SPN95FM
- Light and Comfortable
- Valve filter to prevent dust and non-oily particles
- Exhalation valve for easy breathability
- Soft inner materials
- Adjustable nose clip reduces potential for eyewear fogging and helps ensure a better seal and fit
- Standard: NIOSH N95



Safety Plus World Disposable Particulate Respirator FFP3 (w/Carbon)

- **Model No.:** SPCFFP3VC
- The Carbon Face Mask is one additional layer of activated carbon. Carbon filter material helps provide relief against nuisance levels of acid gases
- Light and Comfortable
- Soft inner materials
- Sponge nose pad improves comfort and fit
- An exhalation valve which aids with easy breathing even in uncomfortable environments
- Made of activated carbon cloth with high efficiency and strong adsorption, effectively blocking low-toxic gas, filtering organic gas and acid smell, filtering fine dust
- Standard: FFP3 (BS EN 149:2001 + A1:2009)



Respiratory Protection



BLS Half Face Mask Respirators

- **Model No.: 4000R**

BLS 4000R half mask respirators with twin bayonet filter connection have an ease of maintenance and are available with ready to use premounted kits with filters.

Made in Italy



BLS Full Face Mask

- **Model No.: 5000 B-LOCK**

- **Face Seal**

Available in soft thermoplastic rubber (BLS 5600) or silicone rubber with FDA certification (BLS 5700) for better comfort.

- **Face Piece in Silicone**

Guarantees performance and duration.

- **Anti-Fog**

Designed to avoid fogging on the visor through the control of the cold and hot air flows inside the mask, instead of treatments which can easily be spoiled with use.

- **Visor (Live Visor)**

Optical class 1 (EN 166), allows a panoramic visual field without optical distortions. A vitrification treatment on its surface makes it scratch resistant. It is also impact tested: MIL-STD-662F:1997 (V50 ballistic test for armour).

- **Harness (Komfort)**

Fixed on 6 points directly on the rigid body of the mask in order not to deform the face seal. It allows to distribute the weight of the respirator evenly without leaving face marks.

- **Made in Italy**

Respiratory Protection



BLS Gas & Vapor Cartridges

BLS211 A2	Organic Gases & Vapours
BLS213 ABE1	Organic/Inorganic/Acid Gases & Vapours
BLS244 K2	Ammonia & Derivatives
BLS214 ABEK1	Organic/Inorganic/Acid/Gases & Vapours + Ammonia
BLS201-3	Particulate Filters

DPI Poliblitz ABEK Emergency Escape Respirator

• Model No.: 43390230

Multipurpose gas filter type A-B-E-K allows protection against organic and inorganic vapours (including chlorine, cyanidric acid, and hydrogen sulphide), sulphur dioxide, ammonia and derived substances. Lasts at least 15 minutes as per according to the DIN 58647-7.

Carrying case is impact resistant and perfectly sealed by adhesive strap with a belt carrying clip in steel. Instructions for use and pictogram are printed on the box.



Bullard EVA PAPR

EVA represents the latest in cutting-edge Powered Air-Purifying Respirator (PAPR) technology and design. Offering workers a 1,000 Assigned Protection Factor and a comfortable and reliable respirator system, EVA was engineered with direct input from end users and experts from the field.



Bullard Clean Air Boxes (CAB)

- **Model No.: CAB50**

The Bullard Clean Air Box is supplied with up to 8 quick-disconnect fittings. The actual number of respirators that may be connected to the CAB is dependent on the inlet pressure to the Bullard air filtration system and the air flow and pressure requirements of the respirator being worn. Air supply pressure ranges and approved hose lengths for a respirator can be found in the manufacturer's User Instructions for the respirator.



3M Scott ELSA Emergency Escape Set

- **Model No.: 2009419**

Renowned as the world's leading Constant flow escape set, the Sabre ELSA (Emergency Life Support Apparatus) is designed for rapid escape from hazardous industrial and marine environments.

Features:

- Unique cuboid hood with elastomeric neck seal for easy donning and excellent visibility
- High visibility or Anti-Static bag
- Automatic activation – a constant flow of air is provided upon opening the ELSA bag
- 10 or 15 minute versions available
- Hood design enables it to be worn by those with beards or glasses
- Standards: CE marked to EN 1146

3M Scott SKA-PAK AT Supplied Air Respirator



- Systems for entry into or escape from hazardous, confined space, or Immediately Dangerous to Life and Health (IDLH) situations
- Streamlined, lightweight design
- Automatic, hands-free transfer from external air source to cylinder in the event that the source of air is interrupted
- Instantaneous hands-free transfer to cylinder air
- Vibralert® tactical alarm notifies wearer if system has transferred to cylinder air
- Flashing electronic indicator notifies wearer of loss of cylinder pressure or low cylinder pressure
- Choice of 3-, 5-, 10-, or 15-minute duration cylinders
- E-Z Klip™ cylinder retention system for quick and easy cylinder changes



3M Scott Air-Pak 75 SCBA (NFPA 2013 Approved)

The Air-Pak 75 has been the leading SCBA used by first responders and municipal and industrial firefighters since its introduction in 2007. The key reasons for its success are:

- Available in 2.2, 4.5, or 5.5 Cylinder Pressures
- Duration available - 30, 45, 60, or 75 minutes
- Dual Redundant Pressure Reducer
- Vibralert Tactile Alarm
- Reduced Cost of Ownership
- Top Down Convertibility
- Uses the AV-3000 HT Facepiece (sold separately)
- Industry's Best Warranty
- Made in the USA



Respiratory Protection



Bullard Abrasive Blast Helmet

- **Model No. : GenVX**

The Bullard GenVX Series airline respirators, when properly used, provide a continuous flow of air from a remote air source to the respirator wearer. GenVX Series respirators offer protection from airborne contaminants that are not immediately dangerous to life or health (IDLH), or that do not exceed maximum use concentrations allowed by applicable OSHA, EPA, NIOSH, ACGIH, or other regulatory standards and recommendations.

The protective helmet meets ANSI/ISEA Standard Z89.1-2009 Type 1 requirements for protective headwear for industrial workers, and ANSI/ISEA standard Z87.1-2010, Z87+ High-Impact Face Protection. The cape is designed to protect the worker's body from abrasive rebound.

Bullard offers the appropriate approved breathing tube assembly and air supply hose to connect the GenVX Series respirator to these breathing air sources.

GenVX Series respirators are approved by NIOSH for use with optional climate control devices offered by Bullard.



3M Scott EPIC™ Voice Amplifier

- **Model No. : 8707.320**

FFP 3 preformed mask with exhalation valve, featuring an innovative design and an optimize shape. It has a finely porous sealing lip and extra wide fabric headbands for comfortable and secure positioning of the mask. It also features carbon material to filter out unpleasant odours (gases and vapours below the threshold value).

Packing: 5 pieces/box

Complies DIN EN 149:2001 + A1:2009

Respiratory Protection

3M Scott Air-Pak X3 PRO SCBA (NFPA 2018 Approved)

The Air-Pak X3 Pro SCBA is built on a foundation of redundant safety features, providing unparalleled performance to protect the family of firefighters who expect the best in the most demanding conditions, with a focus on enhancing Cleanability, Comfort, and Connectivity to ensure the security and comfort of today's firefighter.

Cleanability

New Harness Materials offer greater resistance to chemical and water absorption to help minimize contamination.

Easy-to-Remove Harness allows for cleaning and decontamination after use to help minimize firefighter exposure.

Comfort

New Shoulder Harness Design improves the ease of donning and minimizes pressure points to help reduce user fatigue and improve comfort.

Redundant Safety Features afford firefighters peace of mind knowing that the Air-Pak X3 Pro SCBA is going to perform in the toughest environments.

Connectivity

Offering enhanced electronics with Bluetooth® technology, the Air-Pak X3 Pro SCBA supports wireless connectivity between devices for improved configurability, data transmission/retrieval, firefighter safety and fireground accountability. Integrated RFID tags provide local storage of SCBA information that can be wirelessly interrogated for asset tracking.

- General Service Administration (GSA) Approved Product
- Made in USA



3M Scott Sight In-Mask Thermal Imager

When you wear 3M Scott Sight, you get more than constant thermal vision. You get your hands back. 3M Scott Sight Pro Package is the next evolution of the industry's first in-mask, hands-free thermal imaging solution. The Pro Package adds new advanced features that enables firefighters to have even more situational awareness during fireground operations.

- Auto System Power - Off Equipped with an accelerometer to automatically turn off the system while not in use
- Single-Button Power Off - Power off both the in-mask display (IMD) & thermal imaging camera (TIC) by a single button press.
- IMD Instantaneous On - Power the IMD on with a one-second push of the IMD power button
- Standby Mode - Activate standby mode with a single push of the TIC power button
- Enhanced Battery - Performance Improved battery life while the system is not active on
- Fits Any AV-3000 HT Facepiece - Buy as a complete kit or upgrade your current AV-3000 HT facepiece
- (Pro Package) Hot-Spot Tracker - Immediately identifies the hottest part of the scene and provides indicators within an area to improve decision-making capabilities. Ideal for overhaul, search and rescue, and risk assessment.
- (Pro Package) Cold-Spot Tracker - Assist in locating and pinpointing thread or valve gas leaks in seconds. Cold-spot tracker can also be used in HAZMAT environments to monitor the nominal temperature of chemicals.
- (Pro Package) Tactical Video Recording (TVR) - Automatically record all the information shown on the IMD for review later.



Respiratory Protection



3M Scott Sigma 2

The Scott Sigma 2 Self Contained Breathing Apparatus combines the highest level of respiratory protection in a simple to operate, cost effective piece of equipment that meets the needs of Industrial and Marine users.

Sigma 2's proven durability, reliability and appeal is confirmed by an extensive user base who demand a combination of maximum performance and true operational simplicity.



0194

CE Approval
Inspec
Certification



MED
Approval
Shipswheel



3M Scott PROPAK FX Breathing Apparatus

- 100% Kevlar webbing with wrap-around harness

The highest possible specification providing the highest level of flame retardancy

- Trusted and proven high performance pneumatics

Supplies exceptionally high airflow, simple to maintain and fully user serviceable

- Easy upgrade path

Following the Scott tradition, all elements of the set are designed to allow future upgrade with minimal cost

- Setting the standard

Approved to EN137:2006 Type II, incorporating the stringent Flame Engulfment Test, Propak is refined to a level of performance demanded by the professional firefighter





DIABLO Industrial SCBA

SCBA DIABLO INDUSTRIAL MM fitted with:

- C607 full face mask and threaded
- Connection to EN 148/3
- Demand valve with a fix connection to pressure reducer by means of a MP hose (120 cm approx.), i.e. without quick couplings on the MP hose
- Warning signal on the back
- 6.8lt x 300 bar composite cylinder (delivered in empty conditions due to dangerous goods transport restrictions)
- Padded shoulders
- Pressure reducer
- Packed in a synthetic resin carrying case
- Pressure gauge
- Type 1 approved to EN 137:2006



3M Scott Posi 3 USB™ (SCBA Performance Tester)

The Scott PosiChek3 is a computerized dynamic SCBA test bench which can test the performance of any brand of SCBA. Offers a full range of test and data storage options, making record keeping a breeze.

Standards:

NFPA 1852 compliant SCBA test bench; Meets NIOSH test criteria for non NFPA SCBA; Meets OSHA criteria for testing and record keeping.



Respiratory Protection

3M Scott Modulair 2 Airline Trolley Systems

- The Modulair 2 range of Airline Trolley Systems provide a portable compressed air supply system for the users of airline breathing apparatus
- The range comprises of frame units, trolley units and hose reel units
- Available in 2 and 4 cylinder versions, 2 and 4 wearer versions and with optional extras such as airline filter units and electronic low pressure alarms
- CE marked in accordance with EN139 for use with Scott Safety airline breathing apparatus
- Pressure reducer systems utilize the same robust and proven technology as Scott Safety SCBA
- Welded stainless steel for robustness and corrosion resistance
- Compact and portable
- Wide range of configurations available
- Hose reel will hold 90 metres of PVC or 60 metres of Anti-static hose



3M Scott Flite COV Supplied Air Respirator

FLITE COV is a positive pressure Supplied Air Respirator that also provides emergency respiratory protection and escape capability allowing the user to enter hazardous atmospheres including those identified as immediately dangerous to life or health (IDLH). If needed, the switch to the emergency air supply cylinder is accomplished by an automatic change over valve greatly simplifying response to a stressful situation.

The FLITE COV meets all requirements and is certified to current EN 14593-1:2005 and EN 402:2003 standards (AS/ NZS1716:2012)



Respiratory Protection



3M Scott Liberty I Mobile Air Systems

The easy-tow Liberty I is a totally enclosed, single-axle trailer that is well suited for mobile applications. It comes with two ASME storage cylinders, Scott Safety RevolveAir charge station, Scott Safety X4 controller/monitor (monitors CO & dew point) for safety operation and is capable of being towed by any vehicle rated for 6,000 lbs. or more.

Features and Benefits

- 6,000 PSI
- Surge Brakes
- Electric Brakes • Light Tower
- Auxiliary 7.2 Generator • CSA Approved



3M Scott ModulairMax Large Capacity Airline Trolley System

The Modulair Max by Scott Safety is a high capacity airline trolley system providing air for up to 4 simultaneous users. The unit is approved to supply air with lengths of airline hose measuring up to 105 meters.

Built to be compatible with the 2 x 45 liter cylinders and giving 24,500 litres of air or the 2 x 50 liter cylinders and giving 27,000 litres of air, the system is capable of supplying in excess a 10 man hours of breathing air.

The standard unit is fitted with a hose reel, 4 man pneumatics, 2 position cylinder valve guards, telescopic support struts, a lifting eye allowing the unit to be hoisted by a crane and a 3rd wheel for support whilst moving the trolley.

Options include AFU for filtering the external air supply, a DS4 electronic low air alarm to signal if that external air supply is failing and forklift brackets to enable easy loading of the unit.



3M Scott HushAir Connect 7500 and RevolveAir Connect

3M Scott's all-new HushAir Connect 7500 compressor is the next generation breathing air system with an innovative, simple-to-operate user interface, utilizing a 7500psi design to decrease fill times and increase capacity, in a safer, easier-to-maintain package. The RFID-enabled SmartTouch Controller is able to detect and select how to most efficiently fill nearly any SCBA cylinder with minimal user input or training.

Features

- Smarter, simpler-to-use, cylinder fill station
- New touchscreen SmartTouch Controller with user access control
- Automatic RFID cylinder logging compliant with NFPA 1989 logging requirements includes hydro date, serial number, capacity, pressure, last fill date and who filled it
- Automatic fill pressure selection utilizing RFID technology
- 89% increase in cylinder fills vs. existing 6000psi systems
- Quietest compressor on the market
- Available in a range of power options and motor sizes to fit nearly any application
- Automatic flow rate control to ensure maximum efficiency
- All components fit through a standard 36" door opening
- Continuous electronic monitoring of system performance, including voltages, pressures, temperatures, output, oil life, filter life, general maintenance and system performance
- Remote diagnostic capability and troubleshooting from Scott service technicians



Respiratory Protection



3M Scott SimpleAir Compressor

A cost effective breathing air compressor assembly. Features our Fresh Air Purification System and 7.5 – 10hp at 6000psi/413bar, 8.4 – 14 CFM. Featuring 3M Scott X4 Controller with automatic control & indicator panel and high temperature/ low oil shut down.

Features

- Auto drain system with muffler reservoir
- Stage gauge panel
- Emergency stop button
- Operation time meter



3M Scott RevolveAir Charge Station

The revolutionary RevolveAir fill station provides maximum safety and performance, simultaneously charging (2) BAC's within the protective chamber while two BAC's are exchanged on the outside of the chamber. The unit comes complete with rigid charge adapters, safety interlocks, safety gauges, charge and bleed valves and a pressure regulator for automatic BAC charging.

Features

- Economical charge station
- Total containment for two cylinders
- Designed with safety in mind
- Tested to NFPA 1901
- Meets NFPA standards
- Safety pressure gauges
- Auxiliary outlet unregulated back, regulated front
- Automatic storage refill valve



3M Scott Horizontal Storage



Horizontal storage units are designed as freestanding modules. Cylinders are positioned horizontally, utilizing two, four or six ASME cylinders. Standard configuration can be plumbed as one volume or a cascade system. All ASME cylinders are dual coded for working pressures of 5200psi and 6000psi.

Features

- Meets all ASME-DOT-TC code
- Properly sized storage system meets peak demand requirements
- Storage can provide operation in the event of a power failure
- Available cylinder configurations (1x2), (2x2) and (2x3)



3M Scott Vertical Storage

Vertical storage units are designed as free standing modules or can be integrated into the RevolveAir charge station. Vertical storage units are available with two or four ASME or UN cylinders. Standard configuration is plumbed as one volume; cascade plumbing and controls are also available.

Features

- Properly sized storage system meets peak demand requirements
- Storage can provide operation in the event of a power failure
- Available cylinder configurations (1x2), (2x2), ASME's come in 6000psi

TSI PortaCount Respirator Fit Tester

• Model No.: 8040

The new PortaCount® Respirator Fit Tester is a quantitative respirator fit tester. It features intelligent touchscreen solutions that support respiratory protection programs from training through compliance.

Applications

- Quantitative respirator fit testing (QNFT)
- Half-mask fit testing
- Full-face fit testing
- Disposable filtering-facepiece fit testing for Series 100/99/95/P1/P2/P3 masks
- SCBA fit testing
- Gas mask fit testing
- PAPR fit testing



TSI PortaCount Respirator Fit Tester

• Model No.: 8038

The PORTACOUNT Pro Respirator Fit Tester eliminates the guesswork associated with tedious and error-prone qualitative fit test methods. If the mask requires fit testing, count on the PORTACOUNT Pro+ fit tester to provide the fastest, easiest and best OSHA-accepted fit test method.

Applications

- Quantitative respirator fit testing (QNFT)
- Disposable filtering-facepiece fit testing for Series 100/99/95/P1/P2/P3/ HEPA masks
- Half-mask fit testing
- Full-face fit testing
- Gas mask fit testing
- PAPR fit testing
- SCBA fit testing



HAND PROTECTION



Hand Protection



EN388:2016



3111B

Ansell Oceanic®

- **Model No.: 48-913**

The glove offers good resistance to abrasive materials. Cut Level 1

- The glove is the smart choice when you want an economical heavy-duty glove solution with quality features

Ideal Applications

- Raw material extraction
- Masonry
- Public works
- Foundry die casting
- Primary assembly
- Warehouse work



EN388:2016



3111A

Ansell Hylite™

- **Model No.: 47-400**

A versatile alternative to cotton, light leather and PVC gloves. Cut Level 1

- Special nitrile formulation provides an excellent combination of flexibility, mechanical resistance and oil repellency
- Natural hand shape - easier to wear for long periods
- Silicone-free. Ensures cleanliness of metal sheets: important in steel and motor industries

Ideal Applications

- Handling metal sheets & panels
- Chassis assembly, body trimming
- Final assembly
- Inspection (picking, checking and marking)
- Cutting glasses, sheets, panels
- Fabricating metal parts, glass sheets
- Assembly & inspection of components



Ansell Sensilite®

- **Model No.: 48-101**

Comfort and Protection for Lightweight Applications. Cut Level 1

- Ansell's SensiLite® range of industrial gloves are designed for light applications that require good levels of comfort and abrasion resistance
- Offering precise handling of small objects in dry or light oily environments
- SensiLite® provides enhanced safety, dexterity and durability compared to other glove options often used in the same applications

Ideal Application

- Assembly and disassembly of equipment
- Equipment repair & maintenance
- Chassis assembly, body trimming
- Loading and unloading rough parts or boxes



EN388:2016



4131A

Ansell HyFlex®

- **Model No.: 11-618**

Light Weight Glove Maximizes Touch & Precision Features & Benefits. Cut Level 1

- Ansell's thinnest glove for most delicate handling
- Light duty 18 gauge liner offers outstanding comfort and sensitivity
- Extra-thin 0.8mm polyurethane coating provides high dexterity with high abrasion resistance
- Dark liner and glove mask dirt and reduce glove waste

Ideal Applications

- Light assembly requiring high degree of precision
- Picking and fitting small pieces
- Finishing works



EN388:2016



3121X



Hand Protection



Ansell Edge®

• **Model No.:** 48-126

A good level of abrasion resistance & grip, as well as high tactility in dry to slightly oily environments. Cut Level 1

- Good level of abrasion and tear resistance, good grip, improved productivity
- Black glove shows dirt less, gloves are discarded less quickly
- Seamless structure; ensures comfort and encourages safety and glove usage

Ideal Applications

- Assembly of small parts
- General handling
- Quality control
- Packaging



Ansell HyFlex®

• **Model No.:** 11-800

Improved design delivers up to 30% more breathability. Cut Level 1

- More durability vs the original design
- Benefits from proprietary washing process that efficiently extracts impurities to deliver a cleaner, more comfortable glove
- The improved coating offers improved grip in dry and slightly oily environments along with an extended durability compared to its previous formulation

Ideal Applications

- Picking, fastening components
- Adjusting systems and screwing
- Fastening components, parts
- Loading and unloading trucks and vehicles
- Loading trucks & vehicles
- Product shipping, transport and delivery
- Lock smith

Ansell Hyflex®

• **Model No.: 11-920**

High performance grip and oil repellence. Cut Level 1

- Multi-layer coating provides high abrasion resistance and increases wear life
- Ergonomic, natural fit along with superior dry and oil grip for high productivity
- Durable material is machine launderable for extended life and reduced replacement costs

Ideal Applications

- Assembly & inspection of components
- Production line support & maintenance
- Seizing structural parts
- Fabricating metal parts, glass sheets
- Applying finish to materials, products



EN1149



EN388:2016



3131A

Ansell HyFlex®

• **Model No.: 11-801**

Improved design delivers up to 30% more breathability. Cut Level 1

- A highly versatile solution for precision assembly and general handling, it provides the perfect balance between comfort, dexterity and protection
- Advanced Knitting Technology allows increased stretch and flexibility in high-stress areas: the hand operates more freely, improving comfort and reducing hand fatigue

Ideal Applications

- Picking, fastening components
- Adjusting systems and screwing
- Fastening components, parts
- Loading and unloading trucks and vehicles
- Loading trucks & vehicles
- Product shipping, transport and delivery
- Lock smith



EN1149



EN388:2016



3131A



Hand Protection



EN388: 2016



4231A

Ansell HyFlex®

• Model No.: 11-840

Extreme durability for extended wear in abrasive applications, now with up to 20% higher abrasion protection. Cut Level 2

- Ansell FORTIX™ Abrasion Resistance Technology
 - Provides longer continuous wear times in abrasive environments
 - 20% more breathable vs standard safety gloves for cooler, drier hands
- Form-fitting liner offers a secure and comfortable fit to optimize worker performance

Ideal Applications

- Assembly & inspection of components
- Chassis assembly, body trimming
- Picking, fastening components
- Adjusting parts, systems



EN388: 2016



3121B

Ansell HyFlex®

• Model No.: 11-500

Ergonomically designed DuPont™ Kevlar® stretch liner with spandex. Cut Level 2

- Provides "second skin" closeness, reducing risk of snags and cuts
- Ability to handle sharp parts with confidence, increasing productivity and safety

Ideal Applications

- Carpentry, drywall, roofing
- Electrical wiring in residential and commercial structures
- Forming, machining and bending of small sharp parts
- General maintenance
- General material handling
- Glass installation
- Small scale metal stamping and assembly





EN388:2016



4342B

Ansell HyFlex®

• **Model No.:** 11-627

Dexterity with superb cut resistance for optimal productivity. Cut Level 3

- Innovative liner constructed with Dyneema® and lycra provides superb cut resistance and excellent dexterity
- Product provides protection
- Gray liner and palm dip coating helps extend interval between replacement by hiding soil

Ideal Applications

- Glass handling
- Sheet metal assembly (even when slightly oily)
- Handling sharp, small parts



EN388:2016



4X43C

Ansell Edge®

• **Model No.:** 48-706

Cost effective solution for medium weight applications requiring high level of cut performance in dry or slightly oily environments.

ANSI Cut Level 3

- High durability Nitrile foam coating
- Excellent comfort and dexterity
- High level of cut performance EN ISO level C cut performance
- Excellent abrasion resistance
- In compliance with the standards
- Breathable liner that allow very high level of comfort for end users
- Good level of grip in dry and slightly oily environments

Ideal Applications

- General Maintenance
- Hardware assembly
- Machining / Stamping / Cutting
- Raw material handling



Hand Protection



EN388:2016



4342B

Ansell Edge®

• **Model No.:** 48-701

Cost effective solution for medium weight applications requiring cut and abrasion resistance in dry environment. Cut Level 3

- Good dexterity and flexibility
- High cut protection and abrasion level
- Good grip in dry environments
- Palm dipping for good protection against oil compared to a knitted or cut and sew glove

Ideal Applications

- Aeronautics
- Assembly line
- Assembling metal parts and components
- Handling sharp or irregular metal pieces



EN388:2016



4X43C

Ansell HyFlex®

• **Model No.:** 11-425

Whatever industry, the HyFlex indicator system helps the wearer to select the right protection for the job. Cut Level 5

- Water-based process is environmentally friendly, and has an innovative coating
- Silicone-free and DMF-free
- Excellent abrasion resistance
- 11-425 is a seamless knitted glove, made with INTERCEPT technology

Ideal Applications

- Applying sealers, touching up
- Handling metal sheets & panels
- Handling parts with sharp, rough edges
- Loading and unloading trucks and vehicles
- Opening furnaces draining pumps valves or lines and crackers BTX process
- Product shipping, transport and delivery
- Production line support & maintenance

Ansell HyFlex®

• **Model No.:** 11-738

Tough Protection with Targeted Reinforcement.
Cut Level 5

- Unique combination of INTERCEPT Technology® yarn, Nylon, Lycra® and glass fiber
- Ultra strong fibers provide extreme resistance against cuts and burrs
- Reinforced thumb crotch for increased protection & extended use life

Ideal Applications

- Handling of sharp-edged objects, pre-assembling, cutting of small dry or lightly oiled parts and maintenance
- Handling of glass sheets, sharpened objects
- Handling of metal sheets, cutting of dry, painted or galvanised pieces



EN388:2016



4X42C

Ansell Electrician Gloves

100% Natural Rubber Electrical Insulating Gloves designed for ultimate comfort, performance and safety

- Ansell's Marigold Electrical Insulating Gloves are made from 100% natural rubber latex using a proprietary environmentally friendly dipping process for ultimate flexibility and dexterity
- Their ergonomic hand-at-rest shape and non-splayed fingers reduce hand fatigue
- Category R certification for passing A+Z+H properties required by EN 60903 and certified for resistance to very low temperatures (Category C)

Ideal Applications

- Applications with risk of touch voltage AC greater than or equal to 50 V (1)
- Electrical Contractors
- Mass Transit Repair and Maintenance
- Power maintenance, repair & transmission
- Telecom repair near electrical wires



- **Model No.:** Class 0 : E016B
- **Model No.:** Class 1 : E021B
- **Model No.:** Class 2 : E022B
- **Model No.:** Class 3 : E023B
- **Model No.:** Class 4 : E024B



Pneumatic Insulating Glove Tester

- **Model No.:** TV10

This pneumatic tester enables you to check that insulating gloves are intact before using them.

Moulded plastic body with:

- Tapered end piece with two grooves where the glove to be tested is fitted
- Central piston at the base of the device
- Flexible valve situated at the bottom of the upper chamber
- Two elastic bands to hold the glove in place while it is inflated



Ansell WorkGuard®

- **Model No.:** 43-216

High levels of durability, control and protection from heat, flame, sparks and puncture. Cut Level 2

- ActivArmr WorkGuard 43-216 is a heavy-duty special purpose glove offering high levels of molten splash resistance. Ideal for many different applications requiring thermal protection, It also provides superior durability and good protection from cuts, heat, punctures and abrasions
- With a soft inner jersey palm lining and a cotton denim cuff, ActivArmr® WorkGuard™ 43-216 is comfortable to wear

Ideal Applications

- Welding
- Loading & unloading with risk of heat or molten splash



EN388:2016



3243B

EN407



413X4X

EN388:2016



4133B

EN407



413X4X



Ansell Edge®

• **Model No.: 48-216**

Cost Efficient Solution for Welding Applications.
Cut Level 1

- EDGE® Glove is CE certified and complying with REACH European regulation
- Glove total length of 36 cm provide a full forearm protection
- Can be ideally combined with Ansell Welding Sleeve 59-416, made of Lenzing FR® and Kevlar®

Ideal Applications

- Brazing
- Handling hot parts with spark
- Metal grinding
- Stick and MIG welding
- Torch cutting



**K-COMPANY
APPROVED**

Safety Plus World High Quality Leather Gloves

• **Model No.: SP600HP**

'A' Grade Split High Quality Leather Gloves

- 8 Oz. Cotton drill backing
- Leather knuckle strap for extra protection
- Rubberized Safety Cuff Protects wrists
- Handling: The Gloves should be thoroughly checked before use to ensure there is no damage
- CE Certified 4.2.3.3
- EN 388 Category II (Intermediate Risk)
- Color: Yellow/Grey

Ideal Applications

- Mechanical Works
- Assembling • Rigging
- Inspection • Construction
- Pipe Fitting • Iron & Steel Works
- Other General Purpose Works



Hand Protection



EN388
3221

Ansell Vibraguard®

• **Model No.: 07-112**

Minimize the risks and effects of harsh vibrations on the job. Cut Level 2

- Gelfôm padding reduces vibration while nitrile coating provides snag, puncture and abrasion resistance
- Matches the contours of the hand, enhancing flexibility and reducing hand fatigue
- Silicone-free and launderable

Ideal Applications

- Carpentry, drywall, roofing
- Operating chain saws and grinders
- Forestry, logging and lumber operations
- Grinding, sanding and polishing tool operation
- Handling tools, air guns and small parts
- Operating machinery and equipment



EN388:2016



4X43CP

Ansell ActivArm®

• **Model No.: 97-125**

Delivers high cut & impact protection for hazardous and unpredictable environments. Cut Level 5

- ActivArm 97-125 packs on the protection with advanced bumper design providing certified impact resistance
- HPPE liner helps keep hands cool & comfortable while providing cut resistance
- Enhanced oil grip reduces hand fatigue and injury by increasing control while easing the force required to safely handle items
- Double dip nitrile coating technology provides protection from oils/liquids and abrasion

Ideal Applications

- Drilling/Extraction • Heavy Equipment Servicing
- Infrastructure • Production Services/Processing
- Shop Work & Fixture Setup • Transport & Logistics

Ansell Edge®

• **Model No.:** 48-205

Robust protection for demanding extraction jobs in oil, gas and mining industry

- High-performance fibres used in the construction of the palm protect the hands from cut injuries
- Back of hand PVC bumpers significantly reduce the risk of crush, pinch and impact injuries
- Excellent grip performance is provided in both dry, wet and oily environments thanks to the unique material used on the palm
- Reinforcement patches in between the thumb crotch as well as the palm area improve the longevity of the most valuable areas
- The wide cuff with a pull strap allows easy donning and doffing

Ideal Applications

- Drilling/Extraction
- Exploration
- Heavy-duty Maintenance
- Production/ Processing
- Roughneck & Roustabout tasks



EN388:2016



4X44EP



Ringers Flex Impact Nitrile

• **Model No.:** R-065

- Breathable knit shell with excellent dexterity for all working conditions
- Half-dipped nitrile in sandy finish for enhanced grip
- TPR impact protection on top of hand and full length of fingers and thumb
- Certified and rated for CE EN388 level 5 cut resistance and EN ISO13997 level C cut resistance
- Tested and rated for ANSI/ISEA 105-2016 level A3 cut resistance
- High visibility colors for increased safety awareness
- Touchscreen compatible



4X43DP

Hand Protection



4232BP

Ringers Roughneck

- **Model No.: R-267**
- TPR impact protection on top of hand and full length of fingers
- High Visibility for Increased Safety
- CE Rated for EN388 Level 2 Cut and Puncture Resistance
- TefLoc Grip System on Palm & Fingers Resists Oil & Enhances Grip
- Kevlar Stitched Palm



4343CP

Ringers Roughneck Kevloc

- **Model No.: R-297**
- TPR impact protection on top of hand and full length of fingers
- High visibility for increased safety
- CE rated for EN388 level 3 cut and puncture resistance
- ANSI/ISEA rated for level 2 cut resistance
- KevLoc grip system on palm & fingers enhances grip
- Kevlar stitched with padding on palm



4X41CP

Ringers Chem Impact

- **Model No.: R-075**
- TPR impact protection on top of hand for maximum coverage
- Proprietary PVC coating for waterproof and chemical resistance
- Durable textured palm coating for enhanced grip
- CE rated for EN388 cut resistance level 5 and abrasion resistance level 4
- ANSI/ISEA rated for level 3 cut resistance
- CE rated for EN374: A (Methanol) J (n-Heptane) K (Sodium Hydroxide 40%) L (Sulfuric Acid 96%)
- ANSI/ISEA rated for level 3 cut resistance
- High visibility colors for increased safety

Ringers Roughneck

- **Model No.:** R-299
- TPR impact protection on top of hand and full length of fingers
- High visibility colors for increased safety
- CE rated for EN388 level 5 cut and level 4 puncture resistance
- ANSI/ISEA rated for level 4 cut resistance
- KevLoc grip system on palm & fingers enhances grip
- Kevlar stitched palm



Ringers Roughneck

- **Model No.:** R-259
- TPR impact protection on top of hand and full length of fingers
- Durable synthetic leather palm for enhanced grip
- Additional palm layer for enhanced cut resistance
- Kevlar stitched palm
- High visibility for increased safety
- Extended neoprene wrist closure with TPR pull tab



Ansell Sol-Vex®

- **Model No.:** 37-695
- Sol-Vex family of gloves has been an industry benchmark for the past decade, with their outstanding combination of mechanical strength and chemical resistance. Cut Level 1
- Material: Nitrile
 - Resistant to solvents, oils, fats, acids and alcohols
 - High resistance to snags and punctures
 - 15"/38 cm long, Flocked, Reversed Lozenge, 0.425 mm thick
 - AQL is 0.65 (Cat. III)
 - Approved to EN388 4101, EN374 (Bio), EN374 (Chem AJL)



EN388
4101A

EN374-5:2016
AJL

Hand Protection



EN374



EN388
4101A



EN374
JKL

Ansell AlphaTec®

• **Model No.: 58-335**

Less sweat equals greater comfort and performance

- New, proprietary AQUADRI® technology delivers the properties of a sponge with an unrivalled moisture absorption capacity: on average 10 times more than traditional cotton flocked linings

Ideal Applications

- Changing oil, fixing pumps
- Chemicals mixing/handling/transferring/pouring/blending
- Cleaning
- Opening, draining pumps/valves
- Painting, applying sealants
- Sampling/testing



EN374



EN388
3122A



EN374
JKL

Ansell Alphatec®

• **Model No.: 58-535**

Unique combination of grip and chemical resistance. Cut Level 1

Ideal Applications

- Chemical handling
- Printing industry
- Mining
- Aerospace
- Emergency services
- Maintenance
- Agrochemicals
- Refining - Oil & Petrol
- Chemical handling, especially caustics and solvents
- Handling objects coated in grease and oils
- Handling paints, inks, dyes, glues and adhesives

Ansell Solvex®

• **Model No.:** 37-675

The Ansell SolVex® nitrile glove is designed to deliver optimal results in wet or dry work environments where chemical resistance is crucial. Fully reusable, with an unequalled abrasion resistance, it provides superb comfort for the wearer

- Solvex nitrile gloves are the ideal choice for safe handling in a wide range of work environments where harsh chemicals are present

Ideal Applications

- Chemical processing and preparation
- Refining - Oil & Petrol
- Agrochemicals
- Printing Industry



EN374



JKLOPT

EN374



JKL

EN407



X1XXXX

EN388:2016



4101X

Ansell Gold Knit Kevlar® Sleeve

• **Model No.:** 70-118

Superior mechanical protection and cut-resistance

- Range of sleeves providing protection to the arms from cuts and heat
- 100% knitted Kevlar® sleeve
- Offers high cut-resistant to weight ratio
- Comfort and sure grip. Constructed from high-tech 100% Kevlar® para-aramid short fibers
- Approved to BS EN 388:1994 and EN 407:2004



EN388
134X



EN407
X1XXXX



Hand Protection



Composite Insulating Gloves with Arc Flash Protection

• Model No.: GCA-41

Insulating gloves in composite materials with class 2 arc flash protection. Three-in-one gloves: electrical, arc flash and mechanical protection (does away with the need for leather over gloves). Each pair of gloves is supplied with a pair of cotton mittens for dexterity and hygiene.

Model No.	Class	Max operating voltage	ATPV	Sizes
GCA0-41	0	1 000V A	71,6 cal/cm ²	7 to 12
GCA2-41	2	17 000V AC	74,5 cal/cm ²	8 to 12
GCA3-41	3	26 500V AC	73,2 cal/cm ²	8 to 12
GCA4-41	4	36 000V AC	87,7 cal/cm ²	8 to 12



Safety Plus World Vinyl Examination Gloves

Vinyl gloves are a popular choice for the food industry and situations where high levels of durability and protection are less of a priority. While they may be less durable, they are the less expensive option.

Attributes include:

- Latex-free
- Have a looser fit
- Are good for short-term, low-risk tasks
- Are the most economic option
- Have anti-static properties
- Are best for use with non-hazardous materials
- Available in Powdered and Powder Free Type
- Brand: Safety Plus World



Ansell Touch N Tuff®

- **Model No. : 92-600**
- Made of 100% nitrile
- Offers three times the puncture resistance of standard latex or vinyl gloves
- Combines excellent fingertip sensitivity with exceptional durability
- Gives a high level of protection against grease and oil
- Lightweight and comfortable to wear
- Touch N Tuff® gloves comply with FDA food handling requirements (21 CFR 177.2600)



Ansell Touch N Tuff®

- **Model No. : 92-670**
- Robust protection for food processing and heavy-duty jobs
- Made from an innovative nitrile compound which offers outstanding chemical and mechanical properties, comfort and dexterity
 - Three times the puncture resistance of latex or PVC disposable. Lighter and cooler, yet safer and more durable; better value for money
 - 100% nitrile; no waxes, silicone or plasticizers
 - Powder-free. No risk of contaminating food with corn starch used to powder gloves



Chainex Glove

- **Model No. :582-A515MD**
- Works when using knives or cutting and/or punching tools
- Gloves made of stainless steel chainmail with textile straps
- Protected area: Hand
- Fastening by textile strap with press-button and adjustable buckle
- Available Sizes: Medium, Large, XL



Hand Protection



Veridian Fire Armor

- One-piece back shell made of ultra flexible 100% FR Para Aramid knit fleece
- Engineered with Nomex®/Kevlar® thermal liner on back of hand for superior thermal protection; Modacrylic on palm of hand for superior comfort and dexterity
- Exclusive breathable adhesive ensures liner/barrier is fully bonded. Liner will NOT pull out
- Wristlet Style: 4" Black Nomex® wristlet with leather pull patch and hang-up loop
- UL certified to meet or exceed current edition of NFPA 1971 Standard
- Made in USA



Veridian Fire Hog

- Cowhide suede leather stays soft and provides low water absorption when soaked repeatedly
- Non-restrictive knuckle band provides an extra layer of protection in high abrasion area
- FR Modacrylic liner provides smooth feel
- Wristlet Style: 4" black Nomex® wristlet with leather pull patch
- UL certified to meet or exceed current edition of NFPA 1971 Standard
- Made in USA



Veridian Fire Pro II

- Flame and heat resistant cowhide suede leather for overall heat protection
- Full sock FR Modacrylic liner
- Wristlet Style: 4" Black Nomex® wristlet with leather pull patch
- UL certified to meet or exceed current edition of NFPA 1971 Standard
- Made in USA

PROTECTIVE CLOTHING





Portwest Nomex IIIA IFR Coverall

- **Model No.: NX51**

The NX51 uses Nomex fabric which provides the wearer with natural, inherent flames resistance. Kelvar in the fabric gives outstanding strength, ensuring both the durability & longevity of the garment. Carbon fibre woven into the fabric gives the garment it's inherent anti-static properties.

- Nomex IIIA 153g
- 93% Nomex, 5% Kelvar, 2% Carbon Fibre
- Available colors: Navy Blue & Royal Blue
- Available Sizes: 34-56
- Standards

EN ISO 11612 A1+A2, B1, C1, F1

EN 1159-5



Portwest Nomex Comfort IFR Coverall

- **Model No.: NX53**

The garments are constructed with a 93% Nomex, 5% Kevlar, 2% Carbon 153g/m2 fibre woven fabric in Royal or Navy. The garments feature a brass zip front fastening, and are available in 12 nominal sizes. The garments have side pockets, rear hip pockets. The Nomex Coverall offers comfort & protection in a variety of working environment

- Colors: Navy Blue, Khaki & Royal Blue
- Available Sizes: 34-56
- Standards

EN ISO 11612 A1 A2 B1 C1 F1

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





Portwest Araflame Style Coverall

- **Model No.:** AF73

This super lightweight coverall offers outstanding flame resistant protection. The Araflame fabric is soft and breathable but provides excellent tear and tensile strength. Ideal for a variety of industries including oil and gas, petrochemical and many more.

- Shell Fabric: Araflame Plus™ 150g
- Available Colors: Khaki, Royal, Navy Blue
- Size: 36 - 54
- Standards

EN ISO 11612 (A1 + A2, B1, C1, F1), EN 1149 -5
ASTM F1959/F1959M-12 (ATPV 5.9 CAL/CM2 (HAF 63.1%))

Fabric confirms to NFPA 2112



Bulwark Premium Coverall - Nomex® IIIA - 4.5 oz

- **Model No.:** CNB2

- Fabric: Nomex IIIA®
- Blend: 4.5 oz. (150 g/m2) 93% Nomex® aramid/ 5% Kevlar® aramid/ 2% other fiber
- Protection: ATPV 4.1 calories/cm² (HRC 1)
- Features: Two-way concealed Nomex® taped brass breakaway zipper, concealed snap at top of zipper at neck. Two, two-needle topstitched patch chest pockets with flaps and concealed snap closures. Two inset lower front pockets are topstitched and lined. Two patch hip pockets have single concealed snap closures. One sleeve pocket sewn to left biceps with pencil stall. One piece rule pocket on right leg. Elastic waist inserts.
- Garment meets NFPA 2112 & CGSB 155.20
- Available colors: Navy (NV), Orange (OR), Royal Blue (RB), Tan (TN)

Protective Clothing



Bulwark Deluxe Coverall - CoolTouch® 2 - 5.8 oz.

- **Model No.: CMD4**

NFPA® 2112 Compliant

Certified by Underwriters Laboratories to meet the requirements of NFPA® 2112 Standard on Flame Resistant Garments for Protection of Industrial Personnel against Flash Fire, 2012 Edition

Arc Rating ATPV 6.5 calories/cm² (RD, GY and KH)

Arc Rating ATPV 5.7 calories/cm² (NV)

Fabric Flame-resistant, 5.8 oz. (200 g/m²) Grey, Khaki, Light Blue, Red: 48% Modacrylic / 37% Lyocell / 15% Aramid, Navy: 45% Modacrylic / 35% Lyocell / 20% Aramid

- **Size 34-58**

- **Available colors: Grey, Khaki, Navy**



Portwest Super Light Weight Anti-Static Coverall 210 gm

- **Model No.: FR21**

This coverall is perfect for the extra warm weather demands of the offshore industry. Constructed with a lighter weight highly innovative flame-retardant twill fabric.

Features

- Conform To EN ISO 11612 A1+A2, B1, C1, F1, EN1149-5
- Fabric: BIZFLAME PLUS-99% Cotton, 1% Carbon Fibres 210g Sizes: M, L, XL, XXL, 3XL
- Available colors: Navy Blue, Orange





Safety Plus World IFR Coverall GDI32

- GDI32 180 g/m²
- Modacrylic 50%, Para-Aramid 10%, Cotton 38% & Antistatic 2%
- GDI32 Inherent Fire Retardant Woven Millmade Fabric
- NFPA 2112:2012
- Brand: Safety Plus World



Safety Plus World IFR Coverall GDI35

- GDI35 200 g/m²
- Modacrylic 55%, Cotton 43% & Antistatic 2%
- GDI35 Inherent Fire Retardant Woven Millmade Fabric
- NFPA 2112:2012
- Brand: Safety Plus World

Protective Clothing



Portwest Iona Cotton Coverall

- **Model No.:** C814

This cotton coverall offers practicality and lightweight comfort.

Reflective tape provides increased visibility ensuring safety in the workplace. 100% Cotton 190 gm

- Available colors: Khaki, Navy
- Available sizes: S - XXL



RED KAP Men's Zip-Front Cotton Coverall

- **Model No.:** CC18

- Fabric: 8.5 oz. Twill
- Blend: 100% Cotton
- Finish: Pre-shrunk, in your choice of colors
- Closure: Zipper front closure
- Pockets: Two sewn-in front pocket, two back hip pockets with left pocket zipper, two zippered breast pockets, rule pocket
- Collar: One-piece top stitched
- Other: Side vent opening and sized to be worn over clothes, snap at leg cuff
- Available colors: Grey, Red, Orange & Navy



Safety Plus World Platinum Coverall

- **Model No.:** SPPLCCV
- Pre-shrunk 100% cotton
- Two chest pockets with concealed zip closure
- Two side pockets with hidden exterior-to-interior access and press stud closure
- Two back pockets, right side with flap
- Tool pocket on right leg
- Elasticized waistband
- Two radio loops
- Concealed two-way, black high-density polyester coil zip with press stud closure
- Concealed press studs on cuffs and ankle openings
- Left sleeve pocket with pen pocket divider, small flap with hook-and-loop closure
- Shoulder pleats for freedom of movement and comfort
- Available colors: Navy Blue, Khaki & Red



Safety Plus World Premium Coverall

- Pre-shrunk 100% cotton or 65% polyester & 35% cotton
- Bi-swing action back for ease of motion
- Two zippered chest pockets with flap closure
- Two-way front zipper w/snap-over fly
- Double lined swing pockets & hip pocket
- Two front swing pockets w/side entry
- Available colors: Navy Blue, Khaki, Red & Light Grey

Protective Clothing



Safety Plus World Coverall

- 65% Polyester & 35% cotton and 100% cotton
- Two chest pockets, left chest pocket with flap & snap button and pen slot
- 2 Side & 2 back patch pockets, with one rule pocket on right leg side
- Self locking, 2 way nylon zipper front under placket
- Elastic waist with belt & buckles
- Available Colors: Navy Blue, Light Blue, Khaki



Safety Plus World Winter (Insulated) Coverall

- 65% Polyester & 35% cotton woven
- Long sleeves winter coverall with quilted lining
- 2 Chest pockets with flap & snap button closure
- 2 Side & 2 back patch pockets
- One tool pocket on right leg side
- Front opening with 2-way nylon zipper
- Elastic waist at back
- Available in Navy Blue color



Portwest ColdStore Jacket

• **Model No.:** CS10

The CS10 3/4 length freezer jacket offers unrivalled protection. The heavy-duty two-way zipper allows maximum wearer flexibility and the extra long knitted cuffs with thumb holes provide extra warmth. The jacket includes reflective tape around the chest and back for extra visibility. Features also include a chest pocket with a clear ID pocket for security and personalization.

Standards: EN 342 0.534M2. K/W (B), X, 1, X



Portwest ColdStore Trousers

• **Model No.:** CS11

These expertly designed ColdStore Trousers come with a high front and back to provide extra warmth around the body. The heavy-duty buckles with wide elastic suspenders are height adjustable to ensure a comfortable fit for the wearer. 5cm reflective tape around the leg increases wearer visibility and safety. Knee patches are reinforced for increased durability. Oversized pockets allow for access without removing gloves.

Standards: EN 342 0.534M2.K/W(B), X, 1, X



Safety Plus World Overcoat

- 65% Polyester & 35% Cotton
- Button Closure
- Two hip pockets
- One chest pocket with pencil division
- Side access slits in side seam
- Plain back
- Available in Navy Blue, Light Blue & Grey





Lakeland ChemMAX® 4 Chemical Suits

- **Model No.: CT4S428**

ChemMAX® is Lakeland comprehensive range of coveralls for Type 3 & 4 protection against hazardous chemicals.

ChemMAX® 4 is a unique barrier film that provides protection against some of the more difficult chemicals that most chemical suits simply cannot handle – such as Diethylamine, chlorobenzene and Bromine. Lakeland standard chemical suit design and very high barrier chemical protection.

Standards

- EN 14605 (Type 3 & 4)
- EN 13982 (Type 5)
- EN 13034 (Type 6)
- EN 14126 (Bio hazard / infectious agents)
- EN 1073 (radiation contaminated dusts)



Lakeland MicroMAX® TS Type 5 & 6 Protective Clothing

- **Model No.: EMNT428**

Microporous PE film laminate coverall with stitched and taped seams. Taped seams enables certification to liquid spray (EN14605 – Type 4) and makes the garment ideal for pharmaceutical applications and for bio-hazard applications where protection against infectious agents, blood and body fluids. Microporous film features superior liquid protection compared to more traditional flash-spun polyethylene garments.

Standards

- EN 14605 (Type 4) • EN 13034 (Type 6)
- EN 13982 (Type 5) • EN 1149-5 (Anti-Static)
- EN 1073 (Radio-active contaminated dust)
- EN 14126 (infective agents protection / blood & body fluids)





Lakeland Interceptor Type 1 Gas Tight Suit

- **Model No.:** 80640W
- Certified to EN 943-1 (Type 1a) and EN 943-2 (Type 1aET for Emergency Teams)
- Multi-layer film technology creates light and flexible high barrier against a wide range of high hazard chemicals
- Weight: 365gsm
- Standard or wide-vision visor options; two-layer visor with unique sealing technology for high chemical barrier
- Double layer chemical glove system
- Front and rear entry design options
- Inner North Silvershield® chemical glove with outer 27 mil butyl glove: bond between glove layers to ensure comfort and easy removal of hands
- Two rear mounted exhaust valves
- Attached sock boot with boot overflaps



Lakeland ChemMax 1 Type 3/4 Coverall

- **Model No.:** CT1S428
- Lightweight coverall for Type 3 & 4 protection against a wide range of chemicals - 78 gsm
- Very lightweight, soft and flexible fabric
- Low noise level - improved comfort and safety
- Very cost effective Type 3 & 4 chemical protection
- New higher neck and zip flaps for improved face/neck protection
- Double zip & storm flap front fastening for safe and secure protection



TYPE 3-B



TYPE 4-B



TYPE 5-B



TYPE 6-B



EN 1073-2



EN 1149-1



EN 14126



Lakeland ChemMax 2 Type 3/4 Coverall

- **Model No.:** CT2S428
- Extremely soft and flexible compared to coveralls offering similar protection level
- White with grey seams for easy identification & high visibility
- Low noise level - improved comfort and safety
- Low price compared to other coveralls offering similar protection
- Permeation testing achieves similar or better result on 66% of 100 chemicals tested compared to more expensive competitors
- Cushioned double-layer knee pads for increased comfort and safety



Lakeland ChemMax 3 Type 3/4 Coverall

- **Model No.:** CT3S428
- Extruded fabric construction. Results in smoother and more consistent fabric than bonded or glued competitors
- Superior softness and flexibility and more consistent chemical barrier (no 'pinching' or thinner bond points as seen in competitor fabrics)
- Very soft and flexible materials for enhanced comfort
- Cushioned double-layer knee pads for increased comfort and safety





Lakeland ChemMax 4 Plus - Superior, Advanced Chemical Protection Coverall

- **Model No.: ChemMax 4**

ChemMax 4 uses a combination of multiple polymer films laminated to spunbonded PP substrate to create a high barrier against a wide range of hazardous chemicals. Tough and durable, ChemMax 4 can be used multiple times if undamaged and uncontaminated. Combined with a double-zip and storm flap front fastening design, cushioned double-layer knee pads and Lakeland's Super-B style coverall for superior fit, wearability and durability, this makes ChemMax 4 the pinnacle for Type 3 & 4 high hazard chemical protection.



TYPE 3-B



TYPE 4-B



TYPE 5-B



TYPE 6-B



EN 1073-2



EN 1149-1



EN 14126



Lakeland Pyrolon® CRFR - Chemical & Flame Resistance in one Disposable Protective Garment

- **Model No.: ECR428**

Pyrolon® CRFR features Lakeland's Pyrolon® viscose-based flame retardant base nonwoven combined with a PVC FR chemical barrier film. The result is a unique FR material that not only offers protection against chemical splashes and sprays to CE Types 3 & 4 but is also certified to the FR EN 14116 (Index 1) standard for clothing for protection against flames and heat. The combination of chemical protection and FR properties makes Pyrolon CRFR ideal for a range of applications in the petrochemical and related industries.



Arc Flash High Visibility Class 1, ATPV 8 cal/cm² Jacket & Trousers or Coverall

- **Model No.: AFHV8**

AFHV8 garments offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 8 cal/cm².

Fabric

- Composition: 50% polyester, 27% modacrylic, 22% cotton, 1% antistatic fibres, 355 g/m²
- Flame retardant and antistatic
- Available Colors: Navy blue / Orange
- Sizes: XS to 3XL



IEC 61482-2



EN ISO 11612



EN ISO 20471



EN ISO 11611



EN 1149-5



EN 13034



Arc Flash Class 1, ATPV 10 cal/cm² Coverall with Retroreflective Tapes

- **Model No.: AFCOM10**

AFCOM10 coveralls offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 10 cal/cm².

Fabric

- Composition: 79% cotton, 20% polyester, 1 % antistatic fibre, 260 g/m²
- Flame retardant and antistatic
- Available Colors: Orange, Blue, Grey
- Sizes: XS to 3XL



IEC 61482-2



EN ISO 11612



EN ISO 11611



EN 1149-5



EN 13034



Arc Flash Class 1, ATPV 12 cal/cm² Jacket & Trousers or Coverall with Retroreflective Tapes

- **Model No. : AFPRO12**

AFPRO12 garments offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 12 cal/cm².

Fabric

- Composition: 54% modacrylic, 45% Lyocell, 1% antistatic fibre, 300 g/m²
- Flame retardant and antistatic
- Sizes: XS to 3XL



IEC 61482-2



EN ISO 11612



EN ISO 11611



EN 1149-5



EN 13034



Arc flash Sibille Safe Class 1, ATPV 12 cal/cm² Jacket and Trousers or Coverall

- **Model No. : AFSIB12**

AFSIB12 garments offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 12 cal/cm².

Fabric

- Composition: 79% cotton, 20% polyester, 1% antistatic fibre, 300 g/m²
- Flame retardant and antistatic
- Colour: Navy Blue
- Sizes: XS to 3XL



Arc Flash Sibilite Safe Class 2, ATPV 25 cal/cm² Jacket and Trousers or Coverall

• Model No.: AFSIB 25

AFSIB25 garments offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 25 cal/cm².

Fabric

- Double layer fabric 410 g/m²
- Composition: 35 % modacrylic, 30% cotton, 20% viscose, 14% para-aramid, 1% antistatic fibre
- Flame retardant and antistatic
- Available Colors: Orange/Navy Blue
- Sizes: XS to 3XL



IEC 61482-2 EN ISO 11612 EN ISO 11611 EN 1149-5 EN 13034



Arc Flash Class 2, ATPV 41 cal/cm² Nomex® Jacket & Trousers

• Model No.: AFPRO41

AFPRO41 garments offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 41 cal/cm².

Fabric

- Double layer fabric 410 g/m²
- Outside fabric composition: 75% Nomex®, 13 modacrylic, 10.5% cotton, 1.5% antistatic fibre
- Flame retardant and antistatic
- Available Colors: Dark Blue/Red
- Sizes: XS to 3XL



IEC 61482-2 EN ISO 11612 EN ISO 11611 EN 1149-5 EN 13034

Arc Flash Sibille Safe, ATPV 40 cal/cm² Jacket, Bib and Brace Overalls & Hood

- **Model No.: ARC40**

ARC40 garments offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 40 cal/cm².

- Double layer Indura Ultrasoft® fabric 88% cotton and 12% nylon

- **Model No.**

- ARCVES40: Arc flash jacket, ATPV 40 cal/cm² (XS to 2XL)
- ARCSAL40: Arc flash bib and brace overalls, ATPV 40 cal/cm² (XS to 2XL)
- ARCGAN40: Arc flash gloves, ATPV 40 cal/cm² (XS to 2XL)
- ARCCOI40: Arc flash hood, ATPV 40 cal/cm² (1 size fits all)



IEC 61482-2



EN ISO 11612



EN 1149-5



Arc Flash Sibille Safe ATPV 53 cal/cm² Jacket, Bib & Brace Overalls & Hood

- **Model No.: ARC53**

ARC53 garments offer protection from the thermal effects of short circuit electrical arcs, with an ATPV that does not exceed 53 cal/cm².

- Double layer Indura Ultrasoft® fabric 88% cotton and 12% nylon

- **Model No.**

- ARCVES53: Arc flash jacket, ATPV 53 cal/cm² (XS to 2XL)
- ARCSAL53: Arc flash bib and brace overalls, ATPV 53 cal/cm² (XS to 2XL)
- ARCGAN53: Arc flash gloves, ATPV 53 cal/cm² (XS to 2XL)
- ARCCOI53: Arc flash hood, ATPV 53 cal/cm² (1 size fits all)



IEC 61482-2



EN ISO 11612

Protective Clothing

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EN ISO 13982-1:2004



TYPE 5



TYPE 6

uvex Disposable Coverall Chemical Protection Type 5/6

• **Model No.:** 984491

The combination of breathable, extremely light polyethylene laminate combined with the SMS back section provides a high level of moisture management and breathability, without reducing protection.

Areas of Application

- Work with particulate chemicals
- Varnishing and protection against paint splash
- Fibreglass production & processing
- Industrial cleaning and maintenance work
- Food industry
- Automotive industry
- Grinding and polishing work, cement manufacturing
- Quarry and mining work
- Demolition work and renovation
- Wood and metalwork, construction industry
- Cleanroom environments



K-COMPANY
APPROVED

Safety Plus World Type 5/6 Chemical Disposable Coverall

• **Model No.:** SP700CP

- Style: With hood, elastic wrist/ankle, Elasticated waist for optimum fit to body, zipper with flap over & adhesive tape
- Weight/gsm: 63 gsm
- Certified as per CE, Type5, Type6, EN1073, EN 14126, EN1149-5



TYPE 5



TYPE 6





Safety Plus World Disposable Coverall

- **Model No.:** 81100
- 100% polypropylene
- With the hood and boot cover
- Single use coverall suit which offers light protection from dirt and grease
- Weight/gsm: 50 gsm
- Available Colors: White



Portwest Highvisibility Vest

- **Model No.:** C470
- 2cm x 14cm Velcro fastening
- 5cm HiVisTex reflective tape
- 100% Warp Knit Polyester
- Available Colors: Red, Yellow & Orange
- Standards: EN471 Class 2



Portwest Executive High Visibility Vest

- **Model No.:** S476
- Light Flexible Comfortable Fit
- Executive Features & Styling
- Available Colors: Red, Yellow & Orange
- Standards: EN471 Class 3:2



Protective Clothing



Portwest Glowtex Executive Vest

- **Model No.:** G476

This glowtex executive vest from Portwest is high visibility using the latest in light emitting technology combining brightly coloured material, reflective tape and tape which glows in the dark. It provides the wearer with optimum visibility in poor lighting environments. Other features of this garment include multiple storage pockets, a mobile phone pocket, hammer loop and a D ring.

Made using 100% Polyester

This product conforms to EN ISO 20471 Class 2, ANSI/ISEA 107-2015 TYPE R CLASS 2* and ANSI/ISEA 107-2010 Class 2:2.

Available in sizes S to 5XL



Safety Plus World High Visibility Safety Vest

- **Model No.:** LB08

- Two 5cm high visibility strips around the body and one over each shoulder
- Velcro fastening
- 100% knitted polyester tricot, 120 gsm
- Available Color: Saturn Yellow & Orange



Portwest Bizflame Rain Hi-Vis Multi-Protection Jacket

- **Model No.:** S779

Portwest Bizflame Rain Hi-Vis Multi-Protection Jacket is a waterproof, breathable garment that offers protection against multiple risks. A detachable FR fleece liner makes this jacket suitable for use in all weather conditions.

Available Colors: Orange/Navy (S-3XL) & Yellow Navy (S-2XL)

Portwest Sealtex Flame FR Hi-Vis Jacket

- **Model No.: FR41**

This lightweight waterproof and windproof jacket offers excellent protection. Features include a studded storm flap, front flapped pockets and adjustable cuffs. Heat sealed EN ISO 20471 reflective tape for added visibility. Constructed from a flame resistant, PU coated, polyester fabric 260g, the lightweight and durable Sealtex Flame suit is designed to offer full protection against adverse weather conditions and flame hazards.

Available Colors: Orange (S-3XL) & Yellow (S-4XL)

Standards

ANSI/ISEA 107-2015 TYPE R CLASS 3

EN 1149 -5 • EN ISO 14116 Index 1 (/5H/40)

EN 13034 Type 6 • EN ISO 20471 Class 3

EN 343 Class 3:1



Portwest Sealtex Flame FR Hi-Vis Trouser

- **Model No.: FR43**

Portwest trousers offer excellent protection against harsh elements, they are waterproof and windproof. Heat sealed EN ISO 20471 reflective tape for added visibility. Constructed from a flame resistant, PU coated, polyester fabric 260g, the lightweight and durable Sealtex Flame suit is designed to offer full protection against adverse weather conditions and flame hazards.

- Available Colors: Orange & Yellow

- Sizes: S-3XL

Standards

ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E

EN 1149 -5

EN ISO 14116 Index 1 (/5H/40) • EN 13034 Type 6

EN ISO 20471 Class 1 • EN 343 Class 3:1



Protective Clothing



Portwest Hi-Vis Rain Jacket

- **Model No.: H440**

Designed to keep the wearer visible, safe and dry in foul weather conditions, the H440 is extremely practical and waterproof. It offers exceptional value for money and can be perfectly matched with the H441 Hi-Vis Rain Trousers. This garment can be easily rolled up and stored when not in use. It is made with 190T plain weave 100% polyester yarn this is a durable, hard wearing fabric for tough conditions.

- Available Colors: Orange & Yellow

- Sizes: XS-4XL

Standards

ANSI/ISEA 107-2015 TYPE R CLASS 3

AS/NZS 4602.1:2011 Class D/N

EN ISO 20471 Class 3 • EN 343 Class 3:1



Portwest Hi-Vis Rain Trousers

- **Model No.: H441**

Trousers are lightweight and extremely practical. They can be layered over the wearers own trousers for complete waterproof protection. It is made with 190T plain weave 100% polyester yarn this is a durable, hard wearing fabric for tough conditions.

Available Colors: Orange (S-3XL) & Yellow (S-4XL)

Standards

ANSI/ISEA 107-2015 SUPPLEMENTAL CLASS E

AS/NZS 1906.4:2010

EN ISO 20471 Class 1

EN 343 Class 3:1



Portwest Hi-Vis Lite Traffic Jacket

• **Model No.:** S160

Portwest offers high quality at an unbeatable price, the S160 includes features such as a zipped front with Hook & Loop storm flap, jetted hip pockets and stud adjustable cuffs. The extensive range of High-Visibility clothing meets stringent requirements in both design and construction, to ensure compliance with the latest EN ISO 20471 & ANSI standards. Innovative and technical, our High Visibility range is ideal for those who will not compromise on style, comfort, protection and performance.

- Available Colors: Orange & Yellow
- Sizes: XS-3XL

Standards

ANSI/ISEA 107-2015 TYPE R CLASS 3

EN ISO 20471 Class 3 • EN 343 Class 3:1



Portwest Iona Lite Jacket

• **Model No.:** S433

Portwest Iona Lite Jacket offers added visibility in dull conditions. Features include two large pockets, an easily accessible external mobile phone/radio pocket to the chest and a drawcord hood and hem for a snug fit.

Available Colors: Forest Green (S-3XL), Black (XS-3XL), Navy (XS-3XL), Royal Blue (XS-4XL)

Standards

EN 343 Class 3:1

EN 342 (0.503M2. K/W(B), X, 3, 2)



Protective Clothing



Portwest Classic Rain Jacket

- **Model No.: S440**

Portwest Classic rain jacket Designed to be worn in foul weather conditions, the Classic Rain Jacket is not only practical and durable, it offers exceptional value for money. Tested to withstand the rigours of everyday wear, each garment has been designed and manufactured with care to ensure total satisfaction wear after wear.

Available Colors: Grey (S-3XL), Royal (S-3XL), Olive Green (S-4XL), Orange (S-4XL), Yellow (S-4XL), Black (XS-4XL), Navy (XS-5XL)

Standards: EN 343 Class 3:1



Portwest Classic Rain Trousers

- **Model No.: S441**

Lightweight and easily packable for convenience, these trousers provide comfort and protection in any weather. Designed to be worn in foul weather conditions, the Classic rainwear range is not only practical and durable, it offers exceptional value for money. Clever styling and taped seams guarantee maximum comfort and protection.

Available Colors: Grey (S-3XL), Royal (S-3XL), Olive Green (S-4XL), Orange (S-4XL), Yellow (S-4XL), Black (XS-4XL), Navy (XS-5XL)

Standards: EN 343 Class 3:1



Portwest Bizflame Rain Hi-Vis Antistatic FR Jacket

- **Model No. : S778**

Combination of 98% polyester & 2% anti-static carbon fibre 250g. This breathable fabric offers maximum protection with superb breathable and water resistant properties, means this garment meets the necessary stringent European standards. Available Colors: Yellow (XS-6XL), Orange (XS-4XL)

Standards

AS/NZS 4602.1:2011 Class D/N
EN ISO 14116 Index 3 (/12H/40)
EN 1149 -5
EN 14058 Class 3
ISO 13688
EN 13034 Type 6
EN ISO 20471 Class 3
EN 343 Class 3:1



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Safety Plus World PVC/Polyester Raincoat

- **Model No. : SIR7602**

- Fabric: 0.35mm PVC/Polyester
- Attached hood with drawstring and stoppers
- Storm front with plastic snaps closure
- Ventilated cape back and underarm air vents
- 2 Pockets with flap in front
- Cuffs adjusted by snaps
- Available Color: Yellow

Protective Clothing



Portwest Classic Adult Rain Coat

- **Model No.:** S438
- The S438 offers unbeatable protection with its longer length while matching perfectly with the S441 Rain Trousers for ultimate protection
- 100% Polyester, PVC Coated, 210g
- Available Colors: Yellow (S-3XL), Navy (S-4XL)



Portwest Texo Contrast Jacket

- **Model No.:** TX10
- Portwest fashionable contrast colour jacket is practical and hardwearing. Multiple versatile features include back pocket for cap and glove storage and hook & loop cuffs for an adjustable fit. High cotton content for superior comfort
- Non shrinking to ensure that this style maintains its shape wash after wash
- Contrast colouring for added style
- Storm flap front to protect against the elements
- 12 Pockets for ample storage
- Sleeve pocket, Phone pocket, Detachable ID pocket, Back pocket
- Hook and loop cuffs for a secure fit
- Available Colors: Black/Red (S-3XL), Navy/Orange (S-3XL), Royal (S-3XL), Epic Khaki (S-3XL), Bottle Green (S-3XL), Black (XS-3XL), Navy (XS-3XL), Grey (XS-3XL)

Arc Flash Parkas Class 2

- **Model No.: AFHV-PARKA | AFPRO-PARKA**

The parkas will offer ideal protection from the cold and the elements, at the same time keeping the worker safe from the thermal effects of a short circuit electrical arc. Two models available: a high-visibility model in accordance with standard EN 20741 and a special cold-weather model with a warm lining.

Size: S to 3XL

AFPRO-PARKA: Cold and wet weather, Color: Blue

FHV-PARKA: High visibility, Color: Fluorescent Yellow/Blue



High Performance Cooling Vest

- **Model No.: CRYOVEST**

High-performance cooling vest for protection from the heat risk, intended for operators who do physical work in an ambient temperature above 28 °C. Prolonged use: up to 2 hours in extreme conditions (> 50 °C)

Size: S to 6XL

CRYOVEST: Cooling vest

CRYOVEST-HV: High visibility cooling vest



Bulwark Snap-Front Uniform Shirt Nomex® IIIA-4.5 oz

- **Model No.: SNS2**

Fabric: Flame-resistant, 4.5 Oz. (150 G/m²) Nomex® IIIA (93% Nomex® Aramid, 5% Kevlar® Aramid & 2% other fiber)

- Top stitched cuff w/ adjustable snap closure
- Placket front w/ snap closure
- Protection: arc rating ATPV 4.1 Calories/cm², hazard rating: HRC1
- Meets the requirements of NFPA® 2112 standard on flame resistant garments for protection of industrial personnel against flash fire



Protective Clothing



Bulwark Dress Uniform Shirt - EXCEL FR® ComforTouch® - 7 oz.

- **Model No.:** SLU2
- Gusset side seam for ease of movement
- Banded top stitched collar
- Two chest pockets with button flap closures and sewn in pencil stall
- Placket front with button closure
- Tailored sleeve placket
- Top stitched cuff
- Straight back yoke
- Fabric: Westex Ultrasoft® Flame-resistant, 7 oz. (235 g/m²) 88% Cotton & 12% Nylon
- Protection: ATPV 8.6 calories/cm² (HRC 2)
- Meets the requirements of NFPA® 2112 Standard on Flame Resistant Garments for Protection of Industrial Personnel Against Flash Fire



Red Kap Men's Wrinkle Resistant 100% Cotton Long Sleeve Work Shirt

- **Model No.:** SC30
- Style: Long Sleeve Wrinkle Resistant 100% Cotton Work Shirt
- Fabric: 6 oz. Twill
- Blend: 100% Wrinkle Resistant Cotton
- Finish: Pre-cure durable press, easy care/tunnel finish
- Closure: Six buttons w/ vertical buttonholes, button at neck
- Collar: Two-piece, lined collar, sewn-in stays
- Pocket: Two button-thru hex style pockets w/ angled bartacks, bartacked pencil stall in left pocket
- Facing: Stitched-down front
- Separate two-piece yoke





Red Kap Poplin Long Sleeve Dress Shirt

- **Model No.:** SP90
- Fabric: 4.25 oz. Poplin
- Pocket: One hemmed spade style, triangular stitched corners, on men's styles
- No pocket on women's styles
- Facing: Lined centre front placket
- Blend: 65% Polyester & 35% Cotton
- Other:**
 - Separate two-piece yoke
 - Tailored Sleeve Placket
 - Box pleat back
 - Dual sleeve lengths on men's styles
 - Women's styles are made on female silhouette
 - See SP91 and SP81 for women's companion shirt



Red Kap Men's Solid Color Long Sleeve Industrial Work Shirt

- **Model No.:** SP14
- Style: Long Sleeve Work Shirt
- Fabric: 4.25 oz. TouchTex II soft hand poplin
- Blend: 65% polyester & 35% cotton, permanent press
- Finish: Pre-cure durable press with soil release & wickable finish
- Closure: Men's Style six buttons with vertical button holes, gripper (snap) at neck
- Collar: Two-piece, lined, sewn-in stays
- Pocket: Two button thru hex pockets with angled bartacks, bartacked pencil stall in left pocket
- Color Note: Dark Blue (DB) is NOT the darkest blue offered. Navy Blue (NV) is the darkest color blue offered

Protective Clothing



Red Kap Men's Solid Color Short Sleeve Industrial Work Shirt

- **Model No.: SP24**
- Style: Short Sleeve Work Shirt
- Fabric: 4.25 oz. TouchTex II™ soft hand poplin
- Blend: 65% polyester & 35% cotton, permanent press
- Finish: Pre-cure durable press with soil release & wickable finish
- Collar: Two-piece, lined, sewn-in stays
- Pocket: Two button thru hex pockets with angled bartacks, bartacked pencil stall in left pocket



Red Kap Men's Wrinkle Resistant 100% Cotton Short Sleeve Work Shirt

- **Model No.: SC40**
- Style: Short Sleeve Wrinkle Resistant 100% Cotton Work Shirt
- Blend: 100% Wrinkle Resistant Cotton
- Finish: Pre-cure durable press, easy care/tunnel finish
- Closure: Six buttons w/ vertical buttonholes, button at neck
- Collar: Two-piece, lined collar, sewn-in stays
- Pocket: Two button-thru hex style pockets w/ angled bartacks, bartacked pencil stall in left pocket
- Facing: Stitched-down front
- Separate two-piece yoke
- Fabric: 6 oz. Twill



Ansell AlphaTec Apron

- **Model No. : 56-100**
- Thickness: 0.508 mm (20 mil)
- Size: 84 x 112 cm (33 x 44 inch)
- Ties: Nylon
- Grommets: PVC
- Color: Green
- Medium-to-heavy-duty splash protection
- Resistant to a wide range of chemicals
- Provides superior flexibility and resistance to chemicals, fats, oils, grease, punctures & abrasion while at the same time offers easy cleaning



Bulwark Nomex Work Pants - Flame Resistant

- **Model No. : HRC1**
- HRC1 Protection: Arc Rating ATPV 5.7 calories/cm²
- Fabric: Flame resistant, 6 oz. NOMEX® IIIA
- Care: Home & light soil wash
- Additional Features: Inner lined waistband w/ button closure, two slack style front pockets, two set in hip pockets, left hip w/button closure, permanent crease, autoclaved



Red Kap Men's Pleated Front Cotton Casual Pant

- **Model No.: PC46**

Men's Pleated Front Cotton Casual Pant (3 Colors)

- Fabric: 7.5oz. Twill
- Blend: 100% Cotton with Mechanical Stretch
- Finish: Post-cure
- Silhouette: Updated Fit
- Care: Home Wash or Light Soil Wash
- Closure: Brass zipper and Button Closure
- Pocket: Two slack style front pockets, two set-in hip pockets
- Waistband: Continuous one-piece folder set waistband



Red Kap Men's Wrinkle Resistant Cotton Cargo Pant

- **Model No.: PC76**

- Fabric: 8 oz. Twill, with TouchTex
- Blend: 100% wrinkle resistant cotton
- Finish: Post-cure durable press, wickable finish
- Pocket: Two superstitch slack style front pockets, two set-in hip pockets, button closure on left, pocket w/button down flap, back patch pockets w/button down flaps
- Silhouette: Ease Fit sits at the natural waist. Slim through the seat and thigh
- Closure: Heavy Duty brass ratching zipper, button closures
- Waistband: Continuous one piece folder set



Portwest Leather Welding Apron

- **Model No.:** SW10
- CE Certified
- Class 2 welding protection
- Ergonomic quick release buckle
- Adjustable straps for a secure fit
- Kevlar® stitching throughout for extra durability
- Concealed hook and loop fastening for easy closure
- Designed to be worn in a tough work environment
- **Standards:** EN ISO 11611 Class 2 (A1)



Portwest Leather Hood

- **Model No.:** SW33
- Providing vital protection for the head and neck area this premium quality hood is made of split cowhide leather. The strong material is suitable for the toughest welding jobs.
- Standards:** EN ISO 11611 Class 2 (A1)



Portwest Leather Welding Boot Cover

- **Model No.:** SW32

Premium quality boot covers made of split cowhide leather. The strong material protects the feet and lower legs when welding and is designed to last in the toughest environments.

Standards: EN ISO 11611 Class 2 (A1)



Portwest Leather Welding Sleeves

- **Model No.:** SW20

- CE Certified
- Class 2 welding protection
- Elasticated cuffs for a secure fit
- Designed to be worn in a tough work environment
- Designed with a comfort fit
- Standards: EN ISO 11611 Class 2 (A1)





Velocity Fire Protective Gear

- Valor combines traditional fit with ergonomic design for a lightweight bunker gear alternative assuring fire-fighters are able to move freely and fast. Ultra FlexWing Expanded Back combined with pleated FlexElbows and FlexKnees provide continuous comfort for those extended periods of fire fighting. Engineered with minimal seams for maximum durability.
- UL certified to meet or exceed current edition of NFPA 1971 Standard
- Manufacturer: Veridian
- Made in USA



Valor Fire Protective Gear

- Valor combines traditional fit with ergonomic design for a lightweight bunker gear alternative assuring fire-fighters are able to move freely and fast. Ultra FlexWing Expanded Back combined with pleated FlexElbows and FlexKnees provide continuous comfort for those extended periods of fire fighting. Engineered with minimal seams for maximum durability
- UL certified to meet or exceed current edition of NFPA 1971 Standard
- Manufacturer: Veridian
- Made in USA

Protective Clothing



Vanguard Fire Protective Gear

- **Model No.: PNT205**
- Vanguard maximizes traditional fit styling with first class quality and attention to detail. Now including a FlexWing Expanded Back, pleated FlexElbows and pleated FlexKnees. Choose a short style coat with a high back trouser and you have the lightest combination of gear available. Engineered with minimal seams for maximum durability
- UL certified to meet or exceed current edition of NFPA 1971 Standard
- Manufacturer: Veridian
- Made in USA



Tech Rescue Utility Fire Protective Gear

- Veridian's Tech Rescue Utility gear delivers the flexibility and freedom of movement that rescue and extrication work demands without having to jeopardize your structural gear. Roomy design elements coupled with reinforced elbows and padded reinforced knees create an exceptionally durable and comfortable set of gear. Veridian Tech Rescue Utility series gear is made in the USA making prompt shipment for custom sizes and features a reality
- Dual-Certified NFPA 1951/1977
- Manufacturer: Veridian
- Made in USA



Bulwark Knit Balaclava - Nomex® IIIA

- **Model No.:** HNB2NA
- Double-layer Extra-long neck skirt
- Soft and comfortable with finished edges throughout
- Care Home Wash
- Fabric Flame-resistant, 8.4 oz. (285 g/m²) Nomex® knit
- Protection Arc Rating ATPV 26.0 calories/cm²



Bulwark Universal Fit Snap-On Insulated Hood - Nomex® IIIA

- **Model No.:** HNH2NV
- Hook-and-loop closure at front neck
- Drawstring around face opening
- Sized to fit over hard hat
- Snaps to all insulated coats and jackets, sold separately
- Care Home Wash and Light Soil Wash
- Fabric Shell: Flame-resistant, 6 oz. (205 g/m²) Water-repellant Nomex® IIIA (93% Nomex® Aramid, 5% Kevlar Aramid & 2% Other Fiber)
- Lining: 100% Meta-Aramid
- Insulation Package: 14.2 oz. (480 g/m²) 100% Aramid
- Protection Arc Rating EBT 62.0 calories/cm²



Kneepads for Work

- **Model No.:** GENPOLY
- Protective kneepads in polyethylene to be used along with our trousers with kneepad pockets.
Standards: EN 14404 + A1: 2010 level 1



Protective Clothing



Portwest FR20 Unisex FR Balaclava Hood Flame Resistant Antistatic

- **Model No.:** FR20NAR

FR20 is inherently flame resistant and anti-static. The fabric provides ARC2 protection against the thermal hazard of an electric arc and the high cotton content gives maximum comfort against the skin. Ideal when extra warmth and protection are required. Constructed from an inherently fire resistant yarn of 60% Modacrylic, 39% Cotton and 1% Carbon Fibre

Colors: Navy Blue

Standards: EN 1149 -5 EN ISO 11612 (A1, B1, C1, F1) IEC 61482-2 IEC 61482-1-2 Class 1



Arc Flash Balaclava

- **Model No.:** ARCCAG12 – ARCCAG24

Arc flash balaclava for use along with an electrician helmet with face shield

ARCCAG10: ATPV 12.1 cal/cm²

ARCCAG24: ATPV 24 cal/cm²



Cooling Beanie

- **Model No.:** 6522

- Made with NEW 100% Polyester Cool Mesh for enhanced performance
- Rear elastic panel ensures a comfortable fit for all
- Provide 5-10 hours of cooling relief per soaking; lightweight and durable
- Comfortable, polyester mesh with CoolBar™ fabric inner
- Colors: Blue & Black

Protective Clothing



Crown Cooler with Neck Shade

- **Model No. : 6521**
- Protects the head and neck from dangerous heat and sun while on the job; easily attaches to hard hat liner (hard hat not incl.)
- Comfortable quilted Hi-Viz Lime polyester outer, TechCool™ fabric inner, water repellent nylon liner and black poly-cotton trim; elastic straps w/hook and loop attachments
- Provide 5-10 hours of cooling relief per soaking
- Colors: Lime, Blue & Orange



Cooling Lockdown Reversible Headband

- **Model No. : 6520**
- Cooler heads prevails in revitalizing lockdown reversible headband
- It drops to 30 degrees below average body temperatures when soaked with water, wrung out and snapped
- Sounds simple to activate because it is built for you to look good and feel better doing all-things-summer
- Colors: Black & Green



Endura Cooling Towel

- **Model No. : 103702**
- 90% polyester, 10% nylon. The Instant Cooling Towel is made from a proprietary performance fabric that instantly cools when soaked with water, wrung out, and then snapped in the air to activate the cooling properties.





Evaporative Cooling Vest

- **Model No.: 6529**

Garments are made of a special fabric which holds the cooling energy for an extended period of time. Water causes a naturally cooling effect as it evaporates. Simply submerge in water for 1 to 3 minutes, or until garment reaches the desired level of hydration. Gently wring out excess water and it's ready to wear! No freezers or cold packs necessary. Once activated, the vest will provide many hours of cooling relief in low-humidity climates.






FOOT PROTECTION






















Size Chart

Category	Additional Requirements
SB	The presence of a safety toecap providing protection against impact injury to the toes caused by falling objects. Level of protection provided is 200 joules. Prevention of compression injury to the toes if trapped under a heavy object. Level of this protection is 15kN
SBP	As SB standard plus penetration resistance
S1	As SB standard plus closed seat region, antistatic properties, resistance to fuel oil and energy absorption of seat region
S1P	As S1 standard plus penetration resistance
S2	As S1 standard plus water penetration and water absorption resistance
S3	As S2 standard plus cleated outsole and penetration resistance
S4	200 joule toecap protection. All rubber or all polymeric footwear with antistatic properties. Resistance to fuel oil, energy absorption of seat region and closed seat region
S5	As S4 standard plus cleated outsole and penetration resistance

Requirement		Symbols
 Whole Footwear	Penetration resistance	P
	Electrical properties: Antistatic footwear	A
	Resistance to inimical environments: Cold insulation of sole complex	CI
	Energy absorption of seat region	E
	Water resistant	WR
	Metatarsal protection	M
Upper 	Water penetration and absorption	WRU
Outsole 	Resistance to hot contact	HRO
	Resistance to fuel oil	FO

Symbols

 200 Joule Steel Toecap	 200 Joule Composite Toecap	 Pierce resistant steel midsole	 Antistatic footwear
 Slip resistant outsole	 Energy absorbing seat region	 100% Non Metallic	 Oil resistant outsole
 Cold Insulation	 Dual density sole unit	 ESD	 Waterproof membrane
 Wide Fitting	 Full Grain Leather	 Waterproof	 Metatarsal protection
 Water Resistant Upper	 Heat resistant outsole	 Pierce Resistant Composite Midsole	

Cofra Charger S3 SRC



- Upper: Techshell, innovative and extremely sturdy fabric, abrasion and tear resistant, water repellent and breathable
- Internal Lining: Sany-Dry® 100% polyester fabric, three-dimensional, breathable, antibacterial, it absorbs and releases the moisture, abrasion resistant
- Footbed: Memory Plus, anatomic, punched, antistatic and preformed footbed. It guarantees ergonomic comfort and high breathability
- Sole: polyurethane/TPU
- Toe Cap: Aluminium 200 J
- Midsole: non metallic APT PLATE - Zero Perforation even with a 3mm diameter nail
- Width: 11 Mondopoint
- Plus: Boa® closure system, TPU toe cap protection
- Performances & Technical Features: Boa® Closure System, DGUV 112 - 191, toe cap protection
- Sizes: 35-48 (EU), 2-13 (UK)
- Standard: EN ISO 20345:2011
- Made in Italy



Timberland PRO Branston ESD



- **Model No.: A11WE**
- Premium oiled nubuck leather for comfort and abrasion resistance
- Alloy safety toe for lightweight protection
- Non-metallic fiberglass shank for structural support
- Cement construction for flexibility and reduced break-in time
- Antimicrobial treatment for odour control and comfort
- Metallic puncture-resistant plate for flexible underfoot protection
- Conformity: ASTM F2413-11

Foot Protection



Timberland PRO Drivetrain SD35

- **Model No.:** A1WXC
- Abrasion resistant mesh upper for lightweight and breathable performance
- TPU Toe Overlay for enhanced durability and protection
- Composite safety toe power by CarbonShield™ technology
- TPU Heel Overlay for support
- Mutilation Free
- Cement construction
- Mesh lining with antimicrobial treatment
- Fiberglass shank
- **Conformity:** ASTM F2913-11



Timberland PRO Drivetrain

- **Model No.:** A21WK
- Durable resists compression set over time
- Resilient: recovers for next foot strike
- Mono-sided inverted Anti-Fatigue Technology cones
- Contoured bio-mechanically engineered top surface helps maintain proper gait
- Dynamics arch adapts to different foot shapes for maximum comfort
- Moisture-wicking open-cell top cover
- **Conformity:** ASTM F2913-17



Timberland PRO Retry Drivetrain

- **Model No.:** A21XT
- Composite safety toe power by CarbonShield™ technology
- Full Grain Leather Upper
- Metal & Mutilation Free
- Mesh lining with antimicrobial treatment
- Cold cement construction
- **Conformity:** EN/ISO 20344:2004 (120 C)

Timberland PRO Reaxion



- **Model No.:** A21TQ
- Composite safety toe power by CarbonShield™ technology
- Non Metallic Puncture Resistant Plate
- Spacer meesh top tongue with Ripstop upper
- TPU wrapped Aerocore™ midsole delivers maximum energy return while resisting rips abrasions and scuff
- Metal & Mutilation Free
- Mesh lining with antimicrobial treatment
- Cold cement construction
- **Conformity:** EN/ISO 20344:2004 (120 C)

Timberland PRO Branston ESD



- **Model No.:** A11XC
- Premium oiled nubuck leather for comfort and abrasion resistance
- Alloy safety toe for lightweight protection
- Non-metallic fiberglass shank for structural support
- Cement construction for flexibility and reduced break-in time
- Antimicrobial treatment for odor control and comfort
- Metallic puncture-resistant plate for flexible underfoot protection
- **Conformity:** ASTM F2413-11

Bicap Safety Shoes S3 SRC



- **Model No.:** J40635/6DKS3
- Safety shoe, low model, waterproof nubuck + cordura, lining BREATHABLE PRO MAXX, double density outsole in Pu, composite toecap and no metal midsole. Insole with support active with anti-shock system and active carbons
- **Conformity:** CE UNI EN ISO20345:2011
- **Made in Italy**





Timberland PRO Gladstone Steel Safety Toe

- **Model No.:** 86509
- Premium full-grain leather
- Steel safety toe
- Cement construction
- Padded top collar
- Fiberglass shank
- Conductive rubber and polyurethane midsole for consistent static-dissipative performance
- Goodyear® SafeGrip™ slip-resistant rubber sole
- Metal free upper
- **Conformity:** ASTM F2412-11, ASTM F2413-11 and ASTM F2892-11



Bicap Safety Shoes S3 SRC

- **Model No.:** 40101
- Upper: Water resistant nubuck leather with TPU pieces
- Toecap: composite ITSAFE
- Midsole: non-metallic Flex Textile plate® Zero perforation system
- Outsole: PU double density
- Size: 39-47
- **Conformity:** EN ISO 20345:2011
- Made in Italy



Bicap Safety Shoes S1P

- **Model No.:** L 2023 S1P
- Upper: printed leather, black color
- Lining: absorbent, breathable, high scratch resistance, anti-bacterial
- Fussbett: micro perforated, anatomic, breathable
- Sole: double density polyurethane, anti-static, non-slip, oil resistant
- Crush-proof toe cap and steel pierce proof layer
- **Conformity:** EN ISO 20345:2011
- Made in Italy



Gaston Mille Mycity Brown S3 SRC

- **Model No.:** MCAA3
- Textile anti-perforation midsole: Metal Free
- RPU Polyurethane
- High performance grip: SRC
- 240J fiberglass toecap: Metal Free
- Full grain leather
- Mesh 3D breathable lining
- High performance outsole with an outstanding grip capacity, very light, flexible & comfortable
- Outsole with innovative anti-abrasion material
- **Conformity:** EN ISO 20345:2011
- Made in France



Gaston Mille Air Scratch Orange S1P SRC ESD

- **Model No.:** AHBV1
- 240J composite toecap
- 3D Mesh for upper ventilation and printed PU leather at the front & back of the shoe for protection
- Heel grip
- Poromax® lining: antibacterial 100% ventilated & high water-absorbing capacity high resistance to abrasion, foot-hygienic proof
- ESD: ElectroStatic Discharge (IEC EN 61340-5-1) Static electricity absorption
- Metal free (airport friendly safety shoe)
- Flexible materials and dynamic design
- Textile anti-perforation midsole
- Extra light PU dual density
- High performance grip: SRC rating
- **Conformity:** EN ISO 20345:2011
- Made in France



Cofra Tolomeo S3 SRC

- Upper: Water repellent full grain leather
- External Lining: Breathable Leather
- Internal Leather: Breathable and abrasion resistant leather
- Sole: Polyurethane/TPU
- Toe Cap: Non-metallic Top Return resistant to 200 J
- Midsole: Non-metallic Apt Plate - Zero Perforation
- Conformity: EN ISO 20345:2011
- Made in Italy



Lee Cooper Sneaker Style Safety Shoe

- **Model No.:** LCSHOE054
- A lightweight and flexible work shoe
- Stylish classic low profile sneakers
- Steel toecap with protection up to 200 joules
- The outer sole is anti-slip rubber in a modern styling of this classic, fashionable shoe
- Padded ankle collar design for wearer comfort
- Material: PU & breathable nubuck upper with textured toe cap
- Conformity: EN-ISO 20345-SB



Safety Plus World Desert Gold Low Ankle S3 SRC Shoes

- **Model No.:** SP801FW
- Upper: Black embossed leather
- Sole: Single density, black PU for comfort & light weight
- Steel toe cap & steel mid plate
- Slip resistance as per SRC standard
- Size: 39-47
- Conformity: EN ISO 20345:2011



Timberland PRO EAGLE 6"

- **Model No.:** A137N
- Water resistant premium nubuck leather upper
- Cement construction for flexibility & reduced break-in time
- Safety footwear constructed with a metallic safety toe
- Penetration resistant insert for flexible underfoot protection
- **Conformity:** EN ISO 20345:2011 & EN ISO 20347:2012



Timberland PRO Magnus

- **Model No.:** 87520
- Premium full-grain distressed oiled and nubuck leather
- Goodyear Welt Cast-Bond construction for a durable mechanical and chemical bond
- Comfort-engineered with contoured tongue designed to relieve lace pressure
- Steel Shank & Non-metallic puncture-resistant plate
- **Conformity:** ANSI Z41PT99, ASTM F2412-11 & F2413-11



Bicap Safety Shoes S3 SRC

- **Model No.:** OS 6294/9K S3 SRC
- Upper: Water resistant and Oil resistant leather
- Lining: smocking fabric, breathable, high scratch resistance
- Toe cap: composite material
- Midsole: Non metal Flex Textile Plate Zero Perforation System
- Sole: OS - double density PU
- Sizes: 36-47
- **Conformity:** EN ISO 20345:2011
- Made in Italy

Foot Protection



Bicap Safety Shoes S1P

- **Model No.:** 2012
- Upper: Printed leather, black color
- Lining: absorbent, breathable, high scratch resistance, anti-bacterial
- Fussbett: Micro perforated, anatomic, breathable
- Sole: Double density polyurethane, anti-static, non-slip, oil resistant
- Crush-proof toe cap and steel pierce proof layer
- Size: 35 - 48
- Conformity: EN ISO 20345:2011
- Made in Italy



Gaston Mille Dealer S3 SRC

- **Model No.:** GDEA3
- 200J composite toecap
- Full grain leather water & oil resistant
- Heel protection
- Heel grip
- 3D Mesh lining - upper ventilation & high resistance to abrasion
- PU dual density
- Steel anti-perforation midsole: 1 100 N
- High performance grip: SRC
- Full height: 19 cm
- Conformity: EN ISO 20345:2011
- Made in France



Cofra Kaibab Bis S3 SRC

- Upper: Water repellent nubuck
- Sole: Dual-density polyurethane
- Toe Cap: Steel resistant to 200 J
- Midsole: Non metallic APT PLATE - Zero Perforation
- Conformity: EN ISO 20345:2011
- Made in Italy



Giasco Oxford S3 SRC

- **Model No.:** 93D68C
- High shoe, back WRU leather thickness 1.8-2.0 mm
- Perspiring and abrasion resistant fabric lining
- Shoe with refracting fabric insert
- Soft, lined and padded tongue
- **Conformity:** CE UNI EN ISO 20345:2012 S3 SRC
- Made in Italy



Giasco ALPI S3 WR HRO

- **Model No.:** HR058G
- High, Idrotech WRU oiled grain leather and heel
- Toe Cap 200J according to EN 12568
- Midsole anti-perforation according to EN 12568
- Sole Hard Rock Antistatic bi-density polyurethane and antistatic Rubber
- Sole resistant to hydrolysis ISO 5423:92, anti-shock and anti-slipping SRC
- WR water resistant shoe
- HRO resistance to hot contact of the outsole
- **Conformity:** EN ISO 20345:2012 S3 WR HRO SRC
- Made in Italy



Liberty Warrior Safety Shoes S3 SRC

- **Model No.:** 7198-93
- Upper: Printed leather, black color
- Lining: Black color, absorbent, moisture wicking, high scratch resistance, antibacterial
- Insole: Removable, two layer, anti-static, soft latex foam inside
- Sole: Double density polyurethane, anti-static, non-slip, oil resistant, anti-corrosive
- **Conformity:** EN ISO 20345:2004



Foot Protection



Dapro Noble S3 SRC

- **Model No.:** FNOBS3C-BL/BL
- Water resistant buffalo split leather
- PU/PU sole for comfort and light weight
- Heat resistant sole up to 200 degrees Celsius
- Oil resistant sole
- Slip resistant as per SRC standard
- Antistatic inner and outer sole
- Energy absorption in the heel
- Steel toe cap • Coated steel mid plate
- PU cuff nose • EVA insole
- **Conformity:** CE EN ISO 20345:2011 S3 SRC



Safety Plus World Desert Gold High Ankle S3 SRC Shoes

- **Model No.:** SP800FW
- Upper: Black embossed leather
- Sole: Single density, black PU for comfort & light weight
- Steel toe cap & steel mid plate
- Slip resistance as per SRC standard
- Size: 39-47
- **Conformity:** EN ISO 20345:2011



Strong Safety Shoes

- **Model No.:** SP804PR
- Upper: Printed leather
- Sole: Double density polyurethane, anti-static, non-slip, oil resistant
- Lining: Absorbent, breathable, high scratch resistance, anti-bacterial
- Crush-proof toe cap and steel pierce proof layer



Timberland PRO Rigmaster

- **Model No.:** 95553
- Waterproof Full-grain leather with waterproof membrane
- Goodyear Welt Cast-Bond construction for a durable mechanical and chemical bond
- Ever-Guard vamp leather and foxing
- TiTAN shaped steel toe for a roomy fit
- Steel shank
- Unique "finger-grip" pull-on feature for ease of entry
- Anti-Fatigue Technology with conical midsole geometry, featuring polyurethane material
- Mesh lining with Agion antimicrobial treatment
- Constructed on a TiTAN last
- **Conformity:** ASTM F2412-11



Gaston Mille Master Black S3 HI CI SRC

- **Model No.:** MTAA3
- Full grain leather, water & oil resistant (2-2, 2mm thickness)
- Reinforced padding protection of Achilles tendon
- Waterproof tongue & gusset
- Side Zip: Easy slip on/off
- Non metallic 240J safety toe (fiberglass)
- Textile anti-perforation midsole 1 430N
- Extra light PU dual density
- High performance grip: SRC rating
- Auto-cleaning studs
- **Conformity:** EN ISO 20345:2011
- Made in France

Foot Protection



Gaston Mille Master Brown S3 HI CI SRC

- **Model No.:** MTAM3
- Full grain leather, water-repellent & oil resistant
- Non metallic 240J safety toe cap
- Waterproof tongue & gusset
- Side Zip: Easy slip on/off
- Anti-perspiration and antibacterial lining
- Reinforced padding protection of Achilles tendon
- Extra-light PU dual density
- High performance grip: SRC rating
- Textile anti-perforation midsole 1 430N (+30% than standard rate)
- **Conformity:** EN ISO 20345:2011
- Made in France



Giasco GULF S3

- **Model No.:** AC011A
- Calf boot, WRU back leather thickness 1.8-2.0 mm
- Perspiring and abrasion resistant fabric lining
- Completely Metal Free Boot
- Toecap 200J polymeric composite non-thermic according to EN 12568
- Midsole flexible anti-perforation composite fabric according to EN 12568
- Sole Action bi-density polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping SRC
- Insole 4000, removable, anatomic, absorbing, antistatic and perspiring
- Boot height sole included 29 cm
- **Conformity:** CE UNI EN ISO 20345:2012 S3 SRC
- Made in Italy

Giasco Winter S3 WR HRO Welder Boot

- **Model No.:** HR011L
- Toecap 200J polymeric composite non-thermic according to EN 12568
- Midsole flexible anti-perforation composite fabric according to EN 12568
- Sole Hard Rock Antistatic bidensity polyurethane & antistatic Rubber
- Sole resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping SRC
- Insole 6000, in felt removable, anatomic, absorbing, antistatic and perspiring
- HI insulated surface against heat
- WR water resistant shoe
- HRO resistance to hot contact of the outsole
- Boot height sole included 28 cm
- Size 39-47
- **Conformity:** EN ISO 20345:2011
- Made in Italy



Georgia Rigger Boot

- **Model No.:** GB00300

The Georgia Boot® Homeland Steel Toe Waterproof Wellington is technology driven comfort rigger boot. This pull-on boot offers you safety on the job as it is ASTM certified for its steel toe and electrical hazard protection. Full grain waterproof leather with 900-denier CORDURA® fabric keeps you dry in rainy and muddy conditions. As with all footwear in the Georgia Boot® Homeland collection, this boot has a direct-attached oil-resistant PVC outsole for flexibility and comfort. The Homeland's polyurethane TDC insole never breaks down and has channels to promote air circulation, helping keep your feet cool all day.





Portwest Safety Wellington Gum Boot

- **Model No.:** FW95
- Safety Wellingtons are manufactured from virgin PVC/Nitrile in a seamless watertight construction
- Featuring rubber reinforcement in the toe, heels and shin bone area for extra protection and duration
- Antistatic Portwest FW95 Total Unisex S5 Safety Wellington Boots with Energy absorbing heel, Steel toe cap protection tested to 200 joules impact and Steel midsole penetration resistant to 1,100 Newton
- Dual Density PVC\Nitrile sole: exceptional abrasion resistance and ideal for environments where oils and solvents are used
- Size: 39-47
- Conformity: EN ISO 20345:2011



Bunker Boot for Structural Firefighting

- **Model No.:** LPF NOV 01
- Low-profile, triple-reinforced pull-on straps
- Thermoformed tibia guard
- Schoeller® fabric upper with KERMEL®
- AnkleArmor™ contoured ankle guards
- Accordion-Style Flex Points
- MidsoleArmor™ combination composite puncture plate/ladder shank/midsole
- Abrasion, chemical and flame resistant vulcanized rubber toe cap
- Brand: Cosmas
- Conformity: NFPA 1971-2013



Gaston Mille Millenium Full Protect

- **Model No.:** MFPU
- Component: Waterproof & Washable PU
- Upper: Fore foot protection
- Toe cap: Steel
- Midsole: Penetration Resistant midsole: Steel
- Sole: Abrasion & hydrocarbon resistant PU outsole
- Sizes: 35-48
- Features: Adjustable Strap
- Conformity: EN ISO 20345:2011
- Made in France



Gaston Mille Millenium Premium

- **Model No.:** MLPCK
- Component: Waterproof & Washable PU
- Upper: Protective Tongue
- Toe cap: Composite (fiberglass)
- Midsole: Without Penetration Resistant
- Sole: Waterproof & Washable TPU
- Sizes: 35-48
- Features: Adjustable Strap
- Conformity: EN ISO 20345:2011
- Made in France



Gaston Mille Millenium Protect

- **Model No.:** MLPPU
- Component: Waterproof & Washable PU
- Upper: Protective Tongue
- Toe cap: Steel
- Midsole: Without Penetration Resistant
- Sole: Waterproof & Washable TPU
- Sizes: 35-48
- Features: Adjustable Strap
- Conformity: EN ISO 20345:2011
- Made in France



Foot Protection



Safety Shoes with Insulating Soles

- **Model No.: C99-ISOL**

High or low safety model, free from metal, with dielectric sole rated for up to 20 kV in dry environments.

Size: 38 to 47

C99B-ISOL: Low safety shoes with insulating soles, up to 20 kV

C99H-ISOL: High safety shoes with insulating soles, up to 20 kV



FALL PROTECTION





DBI-SALA® ExoFit STRATA™ Construction Style Positioning/Climbing Harness

- LIFTech™ weight distribution system
- PolarMesh™ back pad
- EZ-Link™ SRL adapter
- Tri-Lock Revolver™ quick connect buckles
- Stand-up Tech-Lite™ aluminum dorsal D-ring
- Body belt/hip pad with thermoformed EVA padding and Tech-Lite™ aluminum side D-rings
- Snap and Go Tech-Lite™ aluminum front D-ring
- Repel™ webbing
- Built-in lanyard keepers that automatically reset
- Revolver™ vertical torso adjusters
- Impact Indicator
- Integrated suspension trauma straps
- Protected labels, equipped with i-Safe™
- Aluminum back, front, and side D-rings, Tri-Lock Revolver™ quick connect buckles, waist pad and belt
- Standards: ANSI Z359.1, ANSI Z359.11, OSHA 1910.66, OSHA 1926.502

Model No.	1112540	1112541	1112542	1112543
Length	SM	MED	LG	X-LG



DBI-SALA Delta™ Vest - Style Climbing Harness

- **Model No. : 1107807**
- Universal Size (Medium / Large size)
- No-tangle design
- Stand-up back D-ring
- Front D-ring
- Tongue buckle leg straps
- Repel™ webbing
- Built-in lanyard keepers
- Revolver™ vertical torso adjusters
- Impact Indicator
- Standards: ANSI Z359.1, OSHA 1910.66, OSHA 1926.502



DBI-SALA Delta™ Cross-Over Style Climbing Harness

- **Model No. : 1102950**
- No-tangle design
- Stand-up back D-ring
- Front D-ring
- Tongue buckle leg straps
- Repel™ webbing
- Built-in lanyard keepers
- Revolver™ vertical torso adjusters
- Impact Indicator
- Protected labels, equipped with i-Safe™
- Back and front D-rings, tongue buckle leg straps (size Universal)
- Standards: ANSI Z359.11 ANSI Z359.11





DBI-SALA Delta II Multi-Purpose Harness

- **Model No. : 1100727**
- Delta II Multi-purpose harness with back, front, shoulders and side D-rings, integrated belt for back lumbar and positioning work support, Repel technology webbing (water proof and chemical resistance), pass-thru buckles
- Back, front, shoulder and side D-rings with integrated belt for lumbar support
- No-tangle design • Stand-up back D-ring
- Front D-ring • Tongue buckle leg straps
- Repel™ webbing • Built-in lanyard keepers
- Revolver™ vertical torso adjusters
- Impact Indicator
- Standards: OSHA 1910.66, OSHA 1926.502, ANSI Z359.1

1100725 Large - 40" - 48" Waist
1100726 X-Large - 44" - 52" Waist
1100727 Medium - 36" - 44" Waist



DBI-SALA Delta™ Bosun Chair Harness with Rigid Seat

- No-tangle design
- 18" back D-ring extension
- Front D-ring
- Body belt/hip pad with side D-rings
- Seat sling with rigid board and positioning D-rings
- Tongue buckle leg straps
- Revolver™ vertical torso adjusters
- Built-in lanyard keepers
- High visibility Repel™ webbing
- Option webbing seat available
- Standards: ANSI Z359.1, OSHA 1910.66, OSHA 1926.502

Model No.	1108126	1108127	1108125	1108128	1108129
Length	SM	MED	LG	X-LG	XXLG

A



B



C

DBI-SALA Delta™ II Derrick Harness

- Rear back D-ring with secondary D-ring extension for easy connections (Lanyard and SRL) with built-in keeper to hold extension when not in use
- Mating buckles on shoulders for connection to an optional derrick belt
- Front fall arrest attachment point for vertical systems (ladder climbing)
- Tongue buckle leg straps for easy donning and adjustment
- Mating buckles on hips for connection of optional seat sling
- Rear lumbar positioning ring with keeper strap to keep it out of the way
- i-Safe™ equipped

A. Harness Models:

- 1111630 – Small • 1111631 – Medium
- 1111632 – Large • 1111633 – X-Large

B. Seat Sling

- | | |
|-----------------|-------------------------|
| • 1150082 – SM | • Rigid Seat |
| • 1150083 – Med | • 1150064 – SM (Rigid) |
| • 1150084 – LG | • 1150068 – Med (Rigid) |
| | • 1150069 – LG (Rigid) |

C. Derrick Belt

- 1000570 – Universal
- 1000572 – Small
- 1000573 – Medium





Model No.	1100300	1100301	1100302	1100303
Length	SM	MED	LG	X-LG

DBI-SALA ExoFit™ Derrick Harness

- Built-in shoulder, back and leg comfort padding
- 18" back D-ring extension
- Body belt/hip pad with back D-ring
- Seat sling with positioning D-rings
- Integrated derrick belt connection (shown with 1000570 derrick belt – must order separately)
- Quick connect chest strap
- Tongue buckle leg straps
- Soft, lightweight webbing
- Anti-tear ballistic nylon
- Built-in reflective piping
- Parachute torso adjusters
- Standards: ANSI A10.32, ANSI Z359.1, ANSI Z359.3, ANSI Z359.4, OSHA 1926.502



DBI-SALA Delta™ Vest-Style Welder's Harness

- **Model No.:** 1105475
- Universal Size (Medium / Large size in 1)
- No-tangle design
- PVC coated back D-ring
- PVC coated pass-thru buckle leg straps
- PVC coated pass-thru torso buckles
- Loops for body belt
- Nomex®/Kevlar® webbing
- Standards: ANSI A10.32, ANSI Z359.1, ANSI Z359.4, OSHA 1910.66, OSHA 1926.502



DBI-SALA ExoFit™ Derrick Harness

- No-tangle design
- Stand-up back D-ring
- Lifting D-rings
- Tongue buckle leg straps
- Parachute torso buckles
- Integrated derrick belt connection (shown with 1000545 derrick belt - must order separately)
- Standards: ANSI Z359.1, ANSI Z359.3, OSHA 1910.66, OSHA 1926.502

Model No.	1105826	1105827	1105825	1105828
Length	SM	MED	LG	X-LG

Protecta FIRST Fall Protection

Full Body Harness with Double Hook Lanyard



- Lightweight, value for money, full body harness, single rear fall arrest, large back D ring for easy rescue and fall arrest attachment point, sub-pelvic support strap. 3 points of adjustment on legs and chest.
- Webbing 45 mm polyester
- Stitching: High-strength polyester thread
- Breaking strength: >1500 daN
- Standards: EN361:2002



- Total length 2 meter
- Breaking strength: >2200 daN
- Standards: EN355:2002 & EN362:2004/B
- Model No.: 1329983



Fall Protection

Safety Plus World Full Body Safety Harness with Twin-Leg Lanyard



- Model No.: SP704HNCE
- Two pcs. chest attachment D Ring with adjustable shoulder strap, one dorsal attachment D Ring of stamping alloy steel for Fall Arrest
- Conforms to EN 361:2002



- Model No.: SP705LYDCE
- Webbing material polyamide shock absorber one Karabiner, two scaffold Hook Y Lanyard 1.8m
- Conforms to EN 355:2002

DBI-SALA Trigger X Tie-Back Adjustable Rope Positioning Lanyard



- **Model No.: 1234088**
- 10 ft. (3m) adjustable rope positioning lanyard
- Single Mode certified allows users to connect the large rebar hook directly to an anchor and the rope grab to the user
- Tie-back capable to reduce extra equipment needed
- Steel locking gate/nose rebar hook at end
- Aramid fiber rope with wear indicating red core is designed to be abrasion resistant
- Quick release trigger provides smooth and precise adjustments
- Replaceable rope requires no hardware and is easy to remove by simply depressing a pin
- Standards: ANSI Z359.3, OSHA 1910.269, OSHA 1926.502, OSHA 1926.954

DBI-SALA Rope Positioning Lanyard - Nylon



- **Model No. : 1232354**
- 6 ft. (1.8 m) single-leg lanyard (Other lengths available)
- Ideal for work positioning or restraint
- 1/2 in. (1.3 cm) three-strand filament nylon rope
- Standards: ANSI A10.32, ANSI Z359.3, OSHA 1910.66, OSHA 1926.502
- Size: Incremental per foot

DBI-SALA Rope Adjustable Restraint Lanyard - Polyester



- **Model No. : 1232210**
- 6 ft. (1.8m) adjustable single-leg lanyard
- Ideal for work positioning or restraint
- 1/2 in. (1.3cm) three-strand filament polyester rope
- User friendly self locking snap hooks at each end
- Standards: ANSI A10.32, OSHA 1910.66, OSHA 1926.502
- Size: Incremental per foot

DBI-SALA EZ-Stop™ Kevlar® Tie-Back Shock Absorbing Lanyard



- **Model No. : 1246318**
- 6 ft. (1.8 m) single-leg lanyard
- Tie-back style with adjustable D-ring
- Kevlar® fire resistant webbing
- Soft pack energy absorber
- Energy absorbing design limits fall arrest forces
- User friendly self locking snap hooks at each end
- Option with double leg PN 1246321
- Standards: OSHA 1910.66, OSHA 1926.502, ANSI A10.32, ANSI Z359.13





DBI-SALA EZ-Stop™ 100% Tie-Off Shock Absorbing Lanyard

- **Model No.:** 1246024
- 6 ft. (1.8m) double-leg 100% tie-off lanyard
- Extremely compact and lightweight
- Repel™ webbing
- Exclusive Hi-10™ Vectran™ energy absorption system
- User friendly self locking snap hook at center
- Self-locking gate/nose steel rebar hook at leg ends
- Standards: ANSI Z359.13



DBI-SALA EZ-Stop™ Leading Edge 100% Tie-Off Cable Shock Absorbing Lanyard

- **Model No.:** 1246178
- 6 ft. (1.8m) double-leg 100% tie-off lanyard
- Exclusive Hi-10™ Vectran™ energy absorption system
- 1/4" (6.3mm) vinyl covered cable
- Aluminium self locking snap hook at center
- Aluminium locking gate/nose rebar hook at leg ends
- Built-in reflective materials
- Impact indicator
- Protected labels, equipped with i-Safe™
- Standards: ANSI A10.32, ANSI Z359.13, OSHA 1910.66, OSHA 1926.502



DBI-SALA Single-Leg EZ-Stop Web Lanyard Aluminium Rebar Hook

- **Model No.: 1246088**
- Lightweight fall protection
- Floating D-ring
- Highly compact shock pack
- All aluminium hooks
- Aluminium rebar hook - 2-1/2 in. gate
- Standards: OSHA 1910.66, OSHA 1926.502, ANSI A10.32, ANSI Z359.13

DBI-SALA EZ-Stop™ Tie-Back 100% Tie-Off Shock Absorbing Lanyard

- **Model No.: 1246072**
- 6 ft. (1.8m) double-leg 100% tie-off lanyard
- Tie-back style with adjustable D-rings
- Exclusive Hi-10™ Vectran™ energy absorption system
- Dual-layer high strength/abrasion resistant webbing
- Self-locking gate/nose steel rebar hook at leg ends
- Built-in reflective materials
- Standards: ANSI A10.32, ANSI Z359.1, ANSI Z359.13, OSHA 1910.66, OSHA 1926.502

DBI-SALA ShockWave™2 100% Tie-Off Shock Absorbing Lanyard

- **Model No.: 1244409**
- 6 ft. (1.8m) double-leg 100% tie-off lanyard
- Stretches in reaction to your movements
- Abrasion resistant polyester tubular webbing
- Self-locking aluminium rebar hooks at leg ends
- Energy absorbing design limits fall arrest forces
- Standards: ANSI Z359.13, OSHA 1926.502, OSHA 1910.140





DBI-SALA Nano-Lok™ Twin-Leg Quick Connect Self Retracting Lifeline - Web

- **Model No.: 3101277**
- Twin-leg 100% tie-off design
- Built-in connector for twin-leg SRL direct attachment to harness
- 6 ft. (1.8m) twin-leg lifelines with 3/4" (19mm) Dyneema® fiber and polyester web
- Aluminium self-locking rebar hook on each lifeline
- Extremely compact, lightweight design
- Tough and impact resistant thermoplastic housing
- Swivelling anchorage loops
- Quick activating speed sensing brake systems
- High capacity external energy absorbers and impact indicators
- Wide variety of configurations available
- Fall Factor 2 rated (FF2-Foot connection)
- Standards: ANSI A10.32, ANSI Z359.1, ANSI Z359.14, OSHA 1910.66, OSHA 1926.502



DBI-SALA Nano-Lok-Edge

- **Model No.: 3500240**

Designed for foot-level tie-off and sharp edge applications

An innovative combination of lifeline material, energy absorption, and harness connection reduce forces on both the worker and the edge.

Allows user to "leap-frog" while moving from one location to another for added mobility and 100% fall protection.

Model No.	3400827	3400802	3400902	3400862	3400967	3400652
Length	15ft./4.5m	30ft./9.1m	50ft./15.2m	85ft./26 m	130ft./39.6m	175ft./53.3m

DBI-SALA Sealed-Blok™ SRL - Automatic RSQ™ 130 ft. Stainless Steel Cable & Hook

- Environmentally sealed dynamic components
- RSQ™ dual-mode design
- Extremely durable construction
- 3/16" (5mm) stainless steel cable lifeline
- Fast-Line™ lifeline system • Built-in carrying handle
- Anti-ratcheting locking system
- Swivelling stainless steel snap hook with impact indicator
- Saflok™ anchorage carabiner
- Reserve lifeline system
- Cable tie-off adaptor x 4 ft. (1.2 m) with carabiner
- 22.2 kN top anchor and carrying handle (secondary retention)
- IP 68 & 69 rated (for harsh environment)
- Standards: ANSI A10.32, ANSI Z359.1, ANSI Z359.14, ANSI Z359.4, OSHA 1910.66, OSHA 1926.502



Model No.	3400932	3400886	3400991
Length	50ft./15.2m	85ft./26 m	130ft./39 m

DBI-SALA Sealed-Blok™ Self Retracting Lifeline - Retrieval/Bracket

- **Model No. : 3400926 (50ft)**
- 50 ft. (15m) of 3/16" (5mm) stainless steel wire rope with swivel snap hook, 3-way retrieval winch and mounting bracket, anchorage carabiner, 4 ft. (1.2 m) cable tie-off adaptor
- 3-way emergency retrieval system
- Integrated quick-mount bracket
- Anti-ratcheting locking system
- Built-in carrying handle
- Standards: ANSI A10.32, ANSI Z359.1, ANSI Z359.14, ANSI Z359.4, OSHA 1910.66, OSHA 1926.502



Model No.	3400858	3400882	3400987
Length	30ft./9.1m	85ft./26 m	130ft./39.6m



Fall Protection



Model No.	3400827	3400802	3400902	3400862	3400967	3400652
Length	15ft./4.5m	30ft./9.1m	50ft./15.2m	85ft./26 m	130ft./39.6m	175ft./53.3m

DBI-SALA Sealed-Blok 50 ft. SRL

- **Model No. : 3400902**
- New sealed design keeps the critical working components (brake, power spring, energy absorber) free of dirt, grease, water & chemicals
- Built-in carrying handle makes transport and anchoring safe and easy
- 85 feet of stainless steel cable
- Large pivoting anchor handle stays in line with load for added security and allows use of variety of connecting hardware
- Anti-ratcheting brake stops fall within inches and limits arresting forces to 900 lbs for added safety
- 22.2 kN top anchor and carrying handle (secondary retention)
- IP 68 & 69 rated (for harsh environment)
- **Standards:** ANSI A10.32, ANSI Z359.1, ANSI Z359.14, OSHA 1910.66, OSHA 1926.502



Model No.	3590509	3590511	3590561	3590591	3590681
Length	20ft./6.1m	33ft./10m	50ft./15.2 m	66ft./20.1 m	100ft./30.5 m

DBI-SALA Rebel™ Self Retracting Lifeline - Cable

- Stainless steel wire rope with swivelling snap hook, aluminium housing and anchorage carabiner
- Rugged aluminium housing
- Stackable housing design
- Swivelling self-locking snap hook with impact indicator
- Speed sensing all metal brake system
- Internal energy absorption system
- Reserve lifeline system • Built-in carrying handle
- High strength, corrosion resistant components
- Swivelling anchorage point
- Self-locking anchorage carabiner
- **Standards:** ANSI A10.32, ANSI Z359.1, ANSI Z359.14, OSHA 1910.66, OSHA 1926.502



DBI-SALA Ultra-Lok™ Self Retracting Lifeline - Cable

- Stainless steel wire rope with swivel snap hook
- Rugged and extremely lightweight thermoplastic housing
- Semi-sealed design
- Stainless steel dynamic components
- Internal energy absorption system
- Anti-ratcheting twin disk brake system
- Constant moving brake system pawls
- Swivelling anchorage point
- Swivelling snap hook with impact indicator
- Reserve lifeline system
- Ergonomic cable handle equipped with i-Safe™
- Standards: ANSI A10.32, ANSI Z359.1, ANSI Z359.14, OSHA 1910.66, OSHA 1926.502

Model No.	3504434	3504431	3504451	3504487
Length	20ft./6.1m	33ft./10 m	50ft./15.2 m	85ft./26 m



DBI-SALA Rollgliss Descender - Controlled Emergency Escape Device

• Model No. : 3303016

The Rollgliss® Descent Device will get personnel down safely from high places when quick escape is vital. Either vertical or sloped descent models are available to provide complete versatility and flexibility for any job site or work environment.

Low Speed 115' (35m) Auto Retract Vertical/Sloped Descent Device, PN 3303003

High Speed 200' (61m) Auto Retract Vertical/Sloped Descent Device, PN 3303016

Optional Extension Adaptor Kit PN 3301061

Fall Protection



AG399

AG300

Trolmatic Protecta Descender with Evacuation Carriage Controlled Emergency Escape Device

The worldwide chosen solution for derrick escapes. An evacuation solution for use on inclined planes, allowing user to escape the hazardous area by moving sideways. Requires a load-bearing cable to be installed and use of the AG300 evacuation carriage. Speed of descent 4km/sec.

- For use with Trolmatic™
- References: AG399 100m and AG300 seat/carriage



Evolution™ Portable Pylon Anchor SALA

• Model No.: 7256000

The evolution™ Portable Pylon Anchor is Ideal for Anchoring the Rollgliss® or Trolmatic Controlled Descent Units. Designed to be used on a variety of surfaces including dirt, sand, packed soil, or frozen ground.

- Fork lift pocket and lifting eye, for transportation and handling
- No special equipment required for its installation on-site
- Can be broken down into manageable pieces for movement by hand when needed
- Durable steel construction with powder coated finish
- Expandable design allows for attachment of additional weight racks to support other applications
- Standards: OSHA 1910.140, OSHA 1926.502

DBI-SALA Horizontal Systems 60 ft.

- **Model No. : 7605060**
- 60 ft. (18.3 m) retractable system can be set at any length
- Rugged 1/4" (6.3mm) 7 x 19 galvanized cable lifeline
- Built-in winch, pre-tension and impact indicators
- Durable construction will stand up to tough jobsites
- Single and multi-span (with SecuraSpan™ stanchion) system configurations
- Flexible system capacity • Equipped with i-Safe™
- Use with any 5,000lb. (22.2 kN) anchorage device
- **Standards: OSHA 1926.502**



DBI-SALA Sayflin™ Synthetic Horizontal Lifeline Systems

Sayflin™ systems are extremely lightweight, easy to install and portable – ideal for maintenance, bridge work, construction and general industry applications, providing absolute safety & reliability.

- Capacity of 2 workers
- 20ft. to 100ft. lengths available (6.1 m to 30.5 m)
- Complete system in convenient bag is installed with no special tools or equipment
- **Standards: OSHA 1910.66, OSHA 1926.502**



Model No.	7600503	7600505	7600507	7600510
Length	30 ft./9.1m	50 ft./15.2m	70 ft./21.3m	100 ft./30.5 m

DBI-SALA Sayflin™ Wire Horizontal Lifeline Systems

- **Model No. : 7602060**

The cable Sayflin™ system is highly portable & ideal for use in situations where welding, sparks or harsh environments are present or where minimal clearance exists. This all-metal system is durable enough to be left in place for long periods of time. 60 ft. length, Incremental length every 10 ft.

Standards: OSHA 1910.66





DBI-SALA® Zorbit™ Energy Absorber with 2 Shackles, Bolts and Nuts

- **Model No.: 7401031**

The Zorbit Energy Absorber is used on the Securaspan line of Horizontal Lifelines from DBI-SALA. This little dynamo is placed at one or both ends of a horizontal lifeline cable to reduce the sudden impact load in the event of a fall. This allows significant reduction in the necessary strength, bulk and weight of stanchions used in these systems.

Standards: OSHA 1910.66, OSHA 1926.502



DBI-SALA Advanced 5-Piece Hoist System

- **Model No.: 8518000**

- 5-piece davit hoist system
- Integrated 5,000 lb. (22 kN) mast anchorage point
- Fall arrest rated in all davit offset mast positions
- Adjustable offset upper davit mast (model 8518001)
- Telescoping reach of 11-1/2 in. to 27-1/2 in. (29.2 to 69.8 cm)
- Adjustable vertical height of 33 in. to 43 in. (83.8 to 109.2 cm)
- Built-in primary and secondary pulleys
- Quick mount winch/SRL bracket
- Detent and knob style adjustment
- 33 in. (83.8 cm) lower davit mast extension (model 8518002)
- 3-piece adjustable portable base (model 8518005)
- Base width adjusts from 37 in. to 64 in. (94 to 162.6 cm)
- Standards: ANSI Z359.1, OSHA 1926.502



DBI-SALA Advanced™ Pole Hoist System

- **Model No.:** 8530253
- Extendable pole hoist system
- Extends 6-10 ft. (1.8-3 m)
- Built-in pulley for lifeline
- Swivel head rotates 360 degrees
- Quick mount winch bracket
- Adjustable stabilizer T-bar
- Set-up and dismantle without tools
- Order mechanical winch/SRL device(s) separately
- **Standards:** OSHA 1926.502, OSHA 1910.140

DBI-SALA Advanced Aluminium Tripod

Advanced Tripods are constructed of lightweight tubular aluminium with a rugged steel head assembly. The tripods can be combined with up to three pulleys to accommodate a variety of winches and fall arrest devices to meet a wide range of confined space entry/retrieval and rescue requirements.

Kits Tripod + Winch:

- 7 ft. tripod + Winch 60 ft. Stainless Steel Cable 8300031
- 7 ft. tripod + Winch 90 ft. Stainless Steel Cable 8300033
- 7 ft. Tripod + Winch 120 ft. Stainless Steel Cable 8300035

Kit Tripod + Sealed Blok Fall Arrester with integrated Retrieval:

- 7 ft. Tripod + 50 ft. Sealed Blok Fall Arrester Stainless Steel 8301001
- 7 ft. Tripod + 85 ft. Sealed Blok Fall Arrester Stainless Steel Cable 8301003
- 7 ft. Tripod + 130 ft. Sealed Blok Fall Arrester Stainless Steel Cable 8301007
- **Standards:** ANSI Z117.1, ANSI Z117.1-1995, OSHA 1910.146, OSHA 1910.66, OSHA 1926.502





DBI-SALA® Steel Plate Anchor

- **Model No.: 2104550**
- Set-screw design installs onto 3/8 in. to 1 in. thick (9.5-25.4 mm) plate steel
- User friendly compact and lightweight design
- Integral D-ring tie-off point
- High strength steel construction
- Extremely rugged and corrosion resistant
- Steel plate anchor with D-ring fits 3/8 in. to 1 in. thick (9.5-25.4 mm) plate steel
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA® Advanced Side Entry Tank Mount System

- **Model No.: 8530254**
- Capacity 450 lbs.
- Side entry system for tanks
- Multiple pivot point arm assembly
- Rotating and adjustable mechanical device base
- Extentable arm up to 6 ft. (1.8 m)
- Adjustable height range of 3.2 ft. to 4.4 ft. (0.9 to 1.3 m)
- Built-in pulley for lifeline
- Quick mount winch bracket
- Adjustable external tank collar
- Set-up and dismantle with standard tools
- Lightweight, corrosion resistant aluminum construction
- Order mechanical winch/SRL device(s) separately
- Standards: ANSI Z117.1-1995, OSHA 1910.146

DBI-SALA® Portable Guardrail Roof Hatch Kit



- **Model No. : 7900008**
- Guardrail roof hatch kit, powder coated
- Four guardrail bases (model 7900060)
- Three 6 ft. (1.8 m) guardrail sections (model 7900061)
- Three rail splice kits to customize length
- One swing gate (model 7900007)
- Free-standing guardrail system doesn't require attachment to surface
- Simple set-screw design
- Compact and lightweight design
- Various lengths and individual components are available
- Guardrail roof hatch kit, powder coated, includes (4 ea.) bases, (3 ea.) 6 ft. (1.8 m) rail, (3 ea.) splice kits and (1 ea.) gate
- **Standards:** OSHA 1926.502



DBI-SALA® Advanced™ Portable Fall Arrest Post



- **Model No. : 8516691**
- Portable fall arrest post
- 360 degrees of protection for 3 workers
- Telescoping design
- Built-in levelling system
- Anchor ring for horizontal lifeline system
- Integral carrying handle
- Lightweight, corrosion resistant aluminium construction
- Order base, lanyard or SRL separately
- Portable, telescoping fall arrest post with three independent 360 degree swiveling anchor points
- **Standards:** OSHA 1910.66, OSHA 1926.502



DBI-SALA® Advanced™ Davit Arm

- **Model No.: 8516693**
- Davit arm for portable fall arrest post
- Adjustable offset upper davit mast (model 8518001)
- Built-in primary and secondary pulleys
- Quick mount winch/SRL bracket
- Detent and knob style adjustment
- Built-in secondary fall arrest anchor point
- Includes cable stabiliser strap
- Lightweight, corrosion resistant aluminum construction
- Order 8516691 fall arrest post and winch/SRL separately
- Davit arm for portable, telescoping fall arrest post with adjustable 71" (180.3 cm) height and 34" (86.4 cm) offset
- Standards: OSHA 1926.502, OSHA 1910.140



DBI-SALA Salalift® II Winch

Winch with 60 ft. (18 m) of 1/4 in. (6.3 mm) stainless steel wire rope and swivel snap hook, mounting bracket and carrying bag

- Manually operated winch
- Quick mount bracket
- Free-wheel mode
- Built-in fall protection
- Overload clutch
- Durable corrosion resistant construction
- Level wind system
- Reserve lifeline retention system
- Swivelling snap hook with impact indicator
- Includes mounting bracket and carrying bag
- Standards: ANSI Z117.1, ANSI Z117.1-1995, OSHA 1910.146

Model No.	8102003	8102011	8102007
Length	60ft./18m	90ft./27.5m	120ft./36.5 m

DBI-SALA Advanced™ Digital 100 Series Winch

- **Model No.: 8518558**

The Digital 100 Series winch includes a removable aluminium crank handle to utilize both our 9:1 and 4:1 drives. These two drives offer the capability of retrieval/descent at average speeds from 13 ft./min up to 30 ft./min. The UCL Advanced Digital Series winches are rated for a maximum working load of 450 lbs with an 11:1 safety factor. Comes with 60 feet of 3/16 inch stainless steel cable with a locking snap hook.

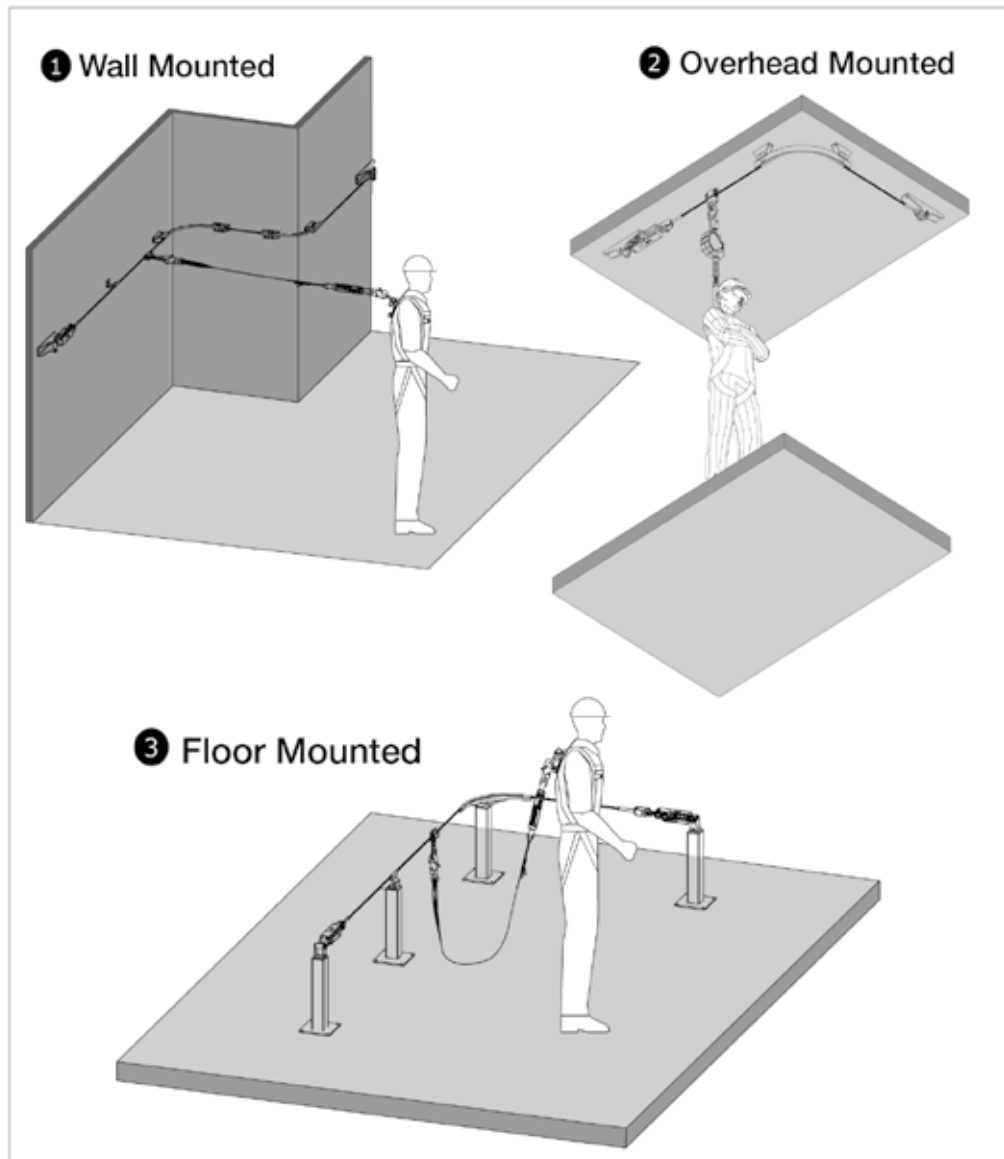
Power Drive System with drilling device can be used for lowering ascending carrying bag for advanced digital winch.

- Winch Sizes: 8518558 60ft./ 8518559 90ft./ 8518579 140ft.
- Power Drive: 8518565 60ft./ 8518566 90ft./ 8518586 140ft.
- Standards: ANSI Z117.1, ANSI Z117.1-1995, OSHA 1910.146



3M Engineered Systems

The 3M™ DBI-SALA® Permanent Horizontal Lifeline System can be used for either work restraint or fall arrest and is suitable for multiple applications. It allows users complete freedom of movement to carry out their work uninterrupted, in a continuous straight line and around corners, provided a suitable structure is available for connection of the lifeline.



Wall & Floor Applications

- Ideally suited to modern building projects, refurbishments and industrial safety applications
- Can be fitted to steel beams, concrete and brickwork
- Suitable for use on older roof constructions in conjunction with fabricated anchor posts
- Allows up to 15 m spans between support brackets for multiple users.



Model No.: 7241412
8 mm intermediate bracket



Model No.: 7241413
8 mm variable bracket



Model No.: 7241408
90 degree post mount corner



Model No.: 7241415
8 mm 45 deg
intermediate bracket



Model No.: 7241424
19 kN peak force, 0.8 kN system
tension energy absorber



Model No.: 7240211
8 mm, 7 X 7 & 1 X 19
Stainless Steel Cable



Model No.: 7241406
90 degree internal corner



Model No.: 7241409
45 degree internal corner



Model No.: 7234011
8 mm hex swage toggle



Model No.: 7241417
Multi fix anchor plate



Model No.: 7240122
8 mm straight eye



Model No.: 7234012
8 mm Hex Swage Joiner



Model No.: 7241420
8 mm Detachable Traveller



Model No.: 7241422
11 kN peak force, 0.8 kN system
tension energy absorber



Model No.: 7241430
8 mm hex swage
stud, pass through



Overhead Applications

- Specifically designed to meet the needs of transport and industrial customers
- Enables safe work at height to be carried out on trucks, trains and aircraft, crane walkways and loading bays
- Solves access and safety problems within the entertainment and arena industry
- Can support Self-Retracting Lifelines and controlled rate descent devices up to 15 kg
- Allows up to 60 m single span for 1 user and up to 30 m single span for multiple users
- Corner brackets available for overhead applications.



Model No.: 7241412
8 mm intermediate bracket



Model No.: 7241414
8 mm overhead bracket



Model No.: 7241432
Stop Ball



Model No.: 7241425
19 kN peak force, 5 kN system
tension energy absorber



Model No.: 7241430
8 mm hex swage stud,
pass through



Model No.: 7240211
8 mm, 7 X 7 & 1 X 19
Stainless Steel Cable



Model No.: 7241409
45 degree internal corner



Model No.: 7240122
8 mm straight eye



Model No.: 7241421
8 mm Overhead Traveller



Model No.: 7241417
Multi fix anchor plate



Model No.: 7234012
8 mm Hex Swage Joiner



Model No.: 7234011
8 mm hex swage toggle



Model No.: 7241406
90 degree internal corner



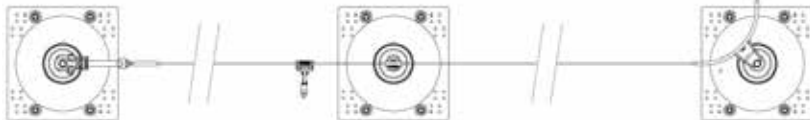
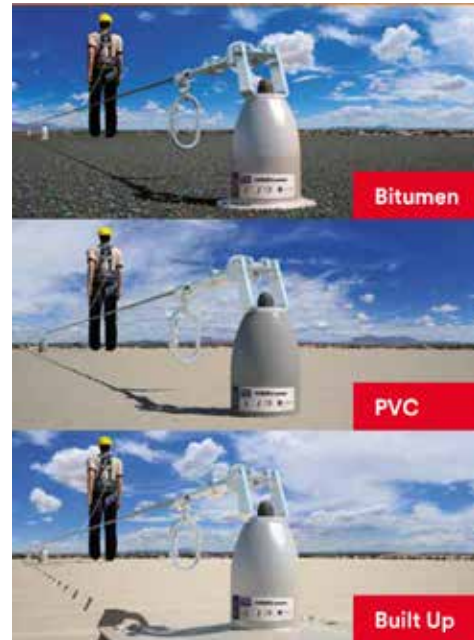
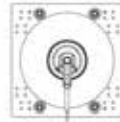
Roofsafe Lifeline Multiple Roof Systems

The RoofSafe anchor can be used to facilitate the installation of a horizontal lifeline system that allows continuous uninterrupted access to all areas of a roof or alternatively can be used as a single point of anchor for maintenance tasks in localised areas.

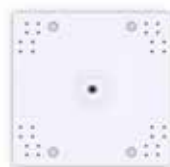


SpiraTech Force Management Technology

In the event of a fall, the RoofSafe anchor breaks open, deploying the unique and patented SpiraTech Force Management Technology absorbing system, which reduces the forces generated on the roof structure to less than 5 kN, the lowest of any of its kind on the market. This enables the anchor to be installed on a wide variety of old and new roof types with less risk to structural integrity.



Model No.: 7241141
RoofSafe Anchor Module
End/Corner Top Fix



Model No.: 7241136
RoofSafe Anchor Baseplate
Multi Sizes



Model No.: 7241161
RoofSafe Anchor
System Eye & Pin



Model No.: 7241143
RoofSafe Anchor Module
End / Corner Bitumen

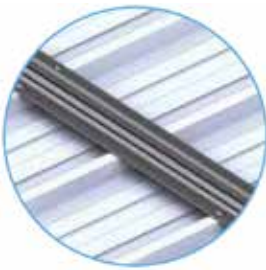


Model No.: 7241145
RoofSafe Anchor Module
End/Corner PVC



UniRail™ Horizontal System

UniRail™ is a quality extruded aluminum rail system, which provides a high level of user safety combined with an aesthetically pleasing appearance. The product can span up to 10ft (3m) between support brackets. It offers excellent functionality through its free flowing attachment carriage, the user's experience with the system is truly hands free. The system is also capable of navigating corners and contours in the building or structure to provide complete design flexibility. UniRail™ can be fitted to a wide range of structures and can support multiple workers for both fall arrest and fall restraint work applications. UniRail's strength and functional characteristics make it very suitable for use as an anchorage system for rope access and abseil work tasks where the structure requires inspection and light to medium duty tasks.



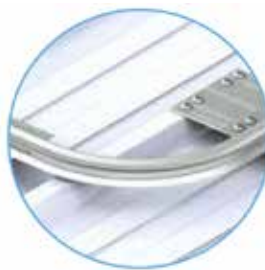
Rail Profile

The one piece base plate's unique profile facilitates ease of installation and directs water away from fixing points. Each length is joined with a spigot pin to provide additional strength and to help with alignment. Standard lengths is 10 feet (3 meters).



Spreader Plates

The spreader plates incorporate the same fixing features as the base plate and facilitate attachment of the system 'upslope' to a variety of wider roof profiles.

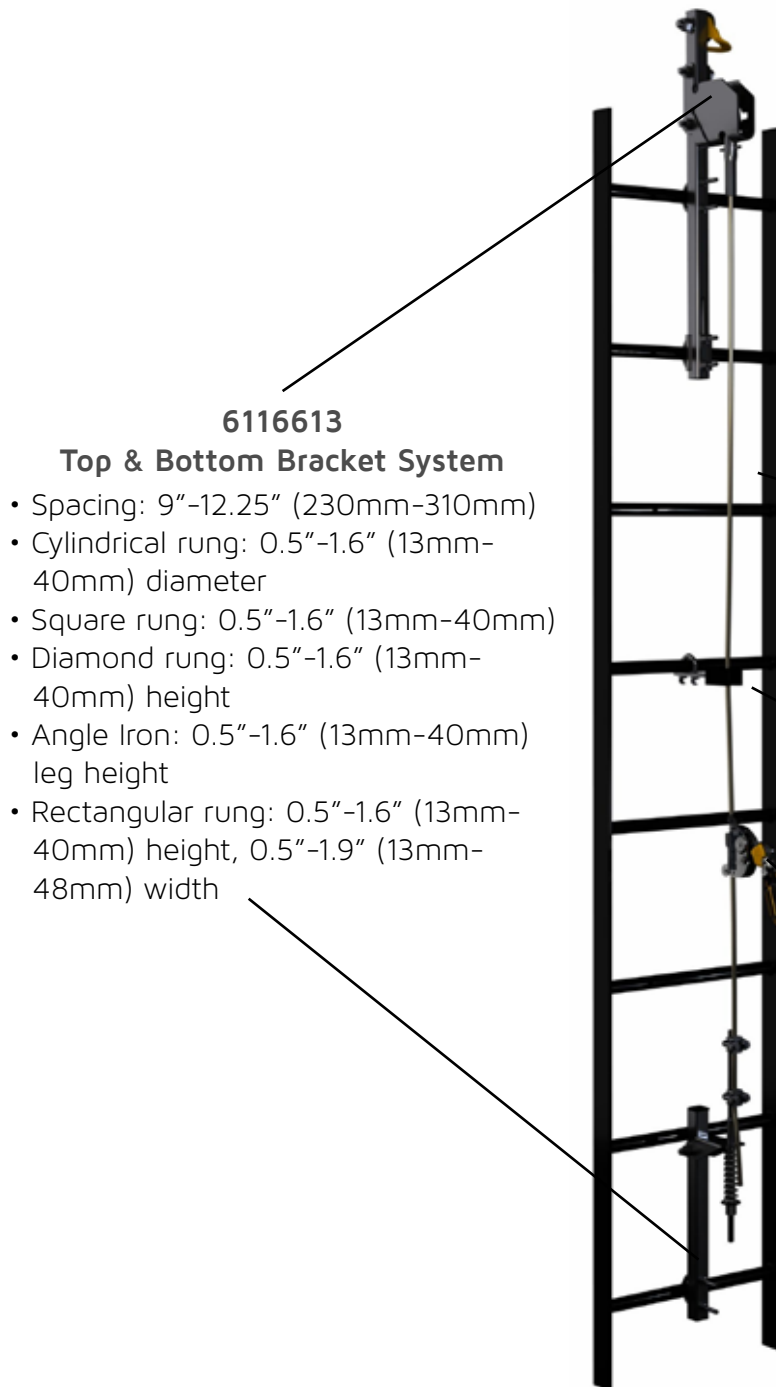


Corners

The RoofSafe™ System is available with 90° and 45° corners as standard and ridge and valley rail joints can be formed to allow continuous attachment.



Lad-Saf™ Fixed Ladder Safety System



6116613

Top & Bottom Bracket System

- Spacing: 9"-12.25" (230mm-310mm)
- Cylindrical rung: 0.5"-1.6" (13mm-40mm) diameter
- Square rung: 0.5"-1.6" (13mm-40mm)
- Diamond rung: 0.5"-1.6" (13mm-40mm) height
- Angle Iron: 0.5"-1.6" (13mm-40mm) leg height
- Rectangular rung: 0.5"-1.6" (13mm-40mm) height, 0.5"-1.9" (13mm-48mm) width

Lad-Saf™ Flexible Cable Sleeve

The Lad-Saf™ sleeve is globally recognized and preferred because of its user friendly and reliable design. The sleeve is easily attached or removed anywhere along the cable and automatically follows you as you climb or descend. In the event of a fall, the device locks onto the cable lifeline allowing you to regain your footing and continue to climb.

6110000

Cable Lifeline

Galvanized cable, 3/8" (9.5 mm) diameter, 1 x 7 type. Last 3 digits in part number indicate length in feet.

6100400

Cable Guide

Non-metallic cable guide with mounting hardware. For systems up to 199 ft. (60.6 m), fits up to 1-1/8" (2.85 cm) rung diameter. Must have 1 every 25 ft. (7.6 m).

6160030

Lad-Saf™ X2 Detachable Cable Sleeve with Carabiner

Sleeve with carabiner, cam and inertial locking, fits 3/8" (9.5 mm) and 5/16" (8 mm) diameter 1 x 7 or 7 x 19 solid core cable



Fall Protection



3511063

SSB Safety Block

Climb assist main block pulley assembly.

3512000

Lifeline Assembly

Galvanized 1/4" (6.3 cm) 7 x 19 cable assembly with rung and belt hook last 3 digits in part number indicate length in feet.

3530000

Stainless steel lifeline assembly.

3511783

Mountain Bracket

Attaches safety block to structure. Fits round rungs up to 3/4" (1.9 cm) diameter or square rungs up to 9/16" (1.4 cm) per side.

3511785

Mounting Bracket, fits round rungs over 3/4" (1.9 cm) up to 1-1/2" (3.8 cm) diameter or square rungs over 9/16" and up to 1-1/2" (3.8 cm) per side.

3511598

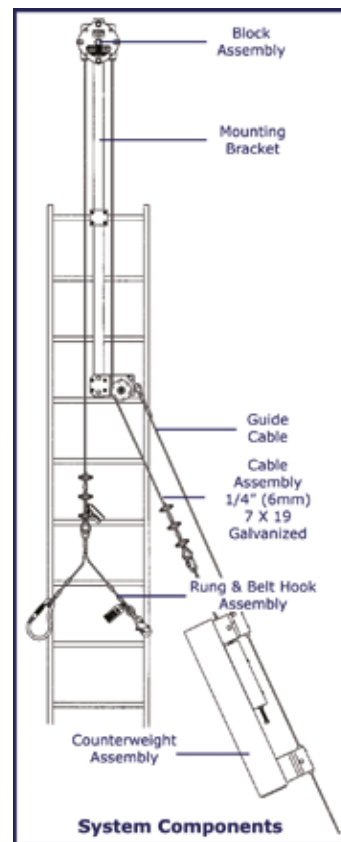
Counterweight Assembly

80 lb. (36.3 kg) counterweight with integrated runaway brake system.

SSB Clim Assist System

The DBI-SALA® SSB Clim Assist System, with external counterweight, aids workers and provides fall protection while climbing lengthy ladders and towers. It's ideal for use on land based and offshore drilling platforms, where environmental and work conditions can make climbing ladders hazardous.

- Counterweight includes a runaway brake for added safety
- No limit to length of system for ultimate flexibility
- Durable aluminium housing and steel drum for durability and corrosion resistance
- Takes 25-55 kg of your weight for very easy climbing
- Fall arrest system integrated



Rollgliss R550 Rescue & Descent Device with Soft Bag

Includes carabiner (2), 4 ft., (1.22 m) anchor sling and rope bag.

Part#	Length	Weight
3327050	50 ft. (16m)	11.95 lbs. (5.42 kg)
3327100	100 ft. (31m)	13.85 lbs. (6.28 kg)
3327150	150 ft. (46m)	15.75 lbs. (7.14 kg)
3327200	200 ft. (61m)	17.65 lbs. (8.01 kg)
3327275	275 ft. (84m)	20.50 lbs. (9.30 kg)
3327300	300 ft. (92m)	21.45 lbs. (9.73 kg)
3327325	325 ft. (100m)	22.40 lbs. (10.16 kg)
3327350	350 ft. (107m)	23.85 lbs. 10.82 kg)
3327400	400 ft. (122m)	25.75 lbs. (1168 kg)
3327450	450 ft. (137m)	27.65 lbs. (12.54 kg)
3327500	500 ft. (153m)	29.55 lbs. (13.40 kg)



Rollgliss R550 Rescue & Descent Device with sealed case

Fully sealed case provides 10 years minimum storage life. External humidity indicator allows user to inspect the seal without opening case. Includes edge protector, 4 ft. (1.22 m) anchor sling (2), 2.5 ft. (0.76 m) anchor sling, pulley, rope grab, carabiner (3), rope bag and humidity case.

Model No.	3326100	3326300	3326350
Length	100 ft./31m	300 ft./92 m	350 ft./105m
Weight	35.3lbs/16.01 kg	42.9lbs/19.46 kg	44.8lbs/20.32 kg

Accessories

3320003
Edge Protector
w/Carabiner



8900298
Rescue Pole



3321014
Ladder Bracket





DBI-SALA Suspension Trauma Safety Straps

- **Model No.: 9501403**

- Suspension trauma safety strap
- Allows user to stand in harness after a fall
- Attaches to almost any harness
- Fast and easy installation
- Extremely compact and lightweight design
- Simple and fast zipper style deployment
- Continuous loop design
- In-field resettable design



DBI-SALA Self-Rescue 50

- **Model No.: 3320030**

- 50 ft. (15.2m) detachable self rescue system, self contained nylon pack with molded padding
- Universal harness attachment
- EZ-Link™ D-ring for fast connections
- 50 ft. of 5.5 mm rope
- Assisted-rescue ring for incapacitated user
- Sealed descent device and rope spool extends longevity
- Molded padding provides durability and comfort
- Lightweight, low profile design
- Equipped with i-Safe™
- Optional rescue pole available (model 8900299)
- Model No.: 3320031 100 ft. (30.5 m)
- Standards: ANSI Z359.4, OSHA 1926.502



DBI-SALA Saflok™ Carabiner

- **Model No.: 2000112**
- 11/16 in. (17.5 mm) gate opening steel carabiner
- Self closing and locking gate for added safety
- Highly corrosion resistant plated hardware
- High strength steel construction
- User friendly compact and lightweight design
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA Saflok™ Carabiner

- **Model No.: 2000113**
- 1-3/16 in. (30 mm) gate opening steel carabiner
- Self closing and locking gate for added safety
- Highly corrosion resistant plated hardware
- High strength steel construction
- User friendly compact and lightweight design
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA Saflok™ Carabiner

- **Model No.: 2000114**
- 2-3/16 in. (55.5 mm) gate opening steel carabiner
- Self closing and locking gate for added safety
- Highly corrosion resistant plated hardware
- High strength steel construction
- User friendly compact and lightweight design
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA Cable Tie-Off Adaptor

- **Model No.: 5900551**
- 6 ft. (1.8 m) pass-thru type tie-off adaptor
- Durable 3/8" (9.5 mm) 7 x 19 stainless steel cable construction
- High strength steel O-ring hardware
- Compact and lightweight design
- Standards: ANSI Z359.18, OSHA 1910.140, OSHA 1926.502





DBI-SALA Kevlar® Tie-Off Adaptor

- **Model No.: 1002202**
- 6-foot (1.8 m) pass-thru type tie-off adaptor
- Kevlar fire resistant webbing
- High strength steel hardware
- Standards: ANSI Z359.18, OSHA 1910.140, OSHA 1926.502



DBI-SALA Web Tie-Off Adaptor

- **Model No.: 1003000**
- 3 ft. (0.9 m) pass-thru type tie-off adaptor
- Durable polyester construction
- Abrasion resistant polyester wear pad
- High strength steel hardware
- Standards: ANSI Z359.18, OSHA 1910.140, OSHA 1926.502



DBI-SALA Scaffold Choker

- **Model No.: 1201390**
- 1.4 ft. (0.4 m) choker style anchor
- Durable polyester construction
- Ideal anchorage device for scaffolding or piping
- High strength steel D-ring
- Standards: ANSI Z359.18, OSHA 1910.140, OSHA 1926.502



DBI-SALA Saflok™ Carabiner

- **Model No.: 2000127**
- 11/16 in. (17.5 mm) gate opening stainless steel carabiner
- Self closing and locking gate for added safety
- Highly corrosion resistant stainless steel hardware
- High strength steel construction
- User friendly compact and lightweight design
- Standards: OSHA 1910.140, OSHA 1926.502





DBI-SALA Saflok™ Carabiner

- **Model No.: 2000300**
- 2 in. (51 mm) gate opening steel carabiner
- Self closing and locking gate for added safety
- Highly corrosion resistant plated hardware
- High strength steel construction
- User friendly compact and lightweight design
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA® Sliding Beam Anchor

- **Model No.: 2104710**
- Hands-free Mobility 360-degree swiveling D-ring optimizes your mobility on the beam
- Visible adjustability Dual ratcheting adjustment buttons are accessible above the beam, while locking mechanism is located on the side to reduce accidental engagement
- Versatile size ranges to fit a variety of beams
- Replaceable wear pads
- 360-degree swiveling D-ring anchor point
- Integrated dual ratcheting system
- High-strength, lightweight steel and aluminium construction
- 5,000 lb. (22 kN) strength and up to 420 lb. (189 kg) capacity
- Standards: OSHA 1910.140, OSHA 1926.502

DBI-SALA Fixed Beam

- **Model No.: 2108406**
- Installs onto 2-1/2 in. to 12 in. wide I-beam flange (6.3-30.5 cm) up to 1-1/2" thick (3.8 cm)
- High strength steel and aluminium construction
- Extremely rugged and corrosion resistant
- Swivelling D-ring tie-off point
- Detent style attachment with built-in tightening handle
- Standards: OSHA 1910.140, OSHA 1926.502



Fall Protection



DBI-SALA Trolley for I-Beam

- **Model No.: 2103143**
- Installs onto 3 in. to 8 in. wide I-beam flange (7.6-20.3 cm) up to 11/16" thick (1.7 cm)
- Complete hands-free horizontal mobility
- Ideal for use with self retracting lifeline
- Easy to use dual adjustment dials
- High strength steel construction
- Extremely rugged and corrosion resistant
- Rotating D-ring tie-off point is fixed in center
- Double-shielded wheel bearings
- Built-in guards protect wheels
- Fall Arrester to be ordered separately
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA D-ring Anchorage Plate

- **Model No.: 2101630**
- Bolt or weld to structure for fall arrest anchor point
- Compact 1/4" x 2" x 4-1/2" (6 x 51 x 114 mm) 304 stainless steel plate
- Pre-drilled 1/2" (12.7 mm) holes
- Zinc plated steel D-ring for compatible tie-off point
- High strength steel construction
- Extremely rugged and corrosion resistant
- Standards: OSHA 1910.140, OSHA 1926.502

DBI-SALA Saflok™ Concrete Wedge Anchor

- **Model No.:** 2100085
- Installs into 3/4 in. (19 mm) precast concrete or steel hole
- Use vertically in wall or overhead ceiling applications
- High strength steel and aluminium construction
- Rugged and corrosion resistant materials
- Swivelling D-ring tie-off point
- Activator cable for toggle mode selection
- Toggle position indicator
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA® Saflok™ Toggle Anchor

- **Model No.:** 2100101
- Installs into 3/4 in. (19mm) precast concrete or steel hole
- Use vertically in wall or overhead ceiling applications
- High strength steel and aluminium construction
- Rugged and corrosion resistant materials
- Swiveling D-ring tie-off point
- Activator cable for toggle mode selection
- Toggle position indicator
- Standards: OSHA 1910.140, OSHA 1926.502



DBI-SALA® Concrete Anchor Strap

- **Model No.:** 2100050
- 42 in. (1m) concrete anchor strap
- Loop slips over rebar for fast installation
- Durable polyester construction
- Abrasion resistant polyester wear pad
- High strength steel D-ring
- Standards: OSHA 1910.140, OSHA 1926.502





DBI-SALA® Concrete Detent Socket and Cap

- **Model No.:** 2101000
- Installs into 7/8" (22 mm) concrete hole with adhesive
- Use vertically in wall or horizontally in ceiling
- Order reusable detent D-ring assembly separately – model 2101002
- Socket cover cap included
- Compact and lightweight design
- High strength steel construction
- Rugged and corrosion resistant material
- **Standards:** ANSI Z359.1, OSHA 1910.66, OSHA 1926.502



DBI-SALA Vinyl Bucket

- **Model No.:** 1500140
- Six built in connection points with 10 lb. (4.5 kg) load rating each
- Puncture resistant plating sewn into the base of the bucket
- Carabiner and Hoisting Strap
- Innovative hook and loop closure system
- Heavy-duty vinyl is easy to clean



DBI-SALA Hard Body Safe Bucket Insert with Pockets

- **Model No.:** 1500141
- Hard body safe bucket insert
- Reusable insert
- Four inner pockets

DBI-SALA Quick Ring 0.75"

- **Model No.: 1500024 (Pack of 25)**

DBI-SALA® Quick Rings are an economical solution for making tools tether-ready quickly. Ring Pliers can be used for easier and faster Quick Ring installation

- Quick Ring is 0.75 in. (1.9 cm) in diameter and an economical solution for tethering tools quickly
- Ring pliers can be used to facilitate use
- Easily attaches to a pre-drilled hole
- Model No.: 1500025-1" (Pack of 25)
- Model No.: 1500026-1.5" (Pack of 25)



DBI-SALA Small Parts Pouch - Canvas Black

- **Model No.: 1500119**

- Innovative self-closure system
- Can be used from a belt or harness
- Made from 18oz. duck canvas



DBI-SALA Adjustable Radio Holster with Clip2Loop Coil and Micro D-Ring

- **Model No.: 1500089**

- Adjusts to the size of virtually any portable radio or cell phone
- D-Ring connection point
- Can be used from a belt or harness
- Ergonomic quick-cinch ergonomic cord lock
- Includes Python Safety Clip2Loop Coil Tether and Micro D-Ring



Fall Protection



DBI-SALA Single Tool Holster with Retractor

- **Model No.:** 1500104
- Beacon™ High Visibility Reflectors
- Quick-Mag™ holds tools in place without holstering
- Neoprene pocket fits option retractor
- Bottom drain vent



DBI-SALA Adjustable Wristband - 5 lb.

- **Model No.:** 1500082
- Adjustable wristband, elastic strap with hook and loop
- Sewn-in ballistic nylon D-Ring connection point
- Adjusts to virtually any wrist size



DBI-SALA Double Trigger Coil Extension

- **Model No.:** 1500068 (Pack of 10)
- User-friendly thumb activated triggers
- Lightweight vinyl is easy to clean/decontaminate



Model No.	1500111	1500112
Sizes	LG/XL	2XL/3XL

DBI-SALA Comfort Tool Belt

- **Model No.:** 1500110 Small-Medium (28"-36")
- DBI-SALA® Comfort Tool Belts were designed with a modular approach allowing the user to customize their own personal holster and pouch setup.
- Modular design for tool carrying flexibility
 - Unique design that provides both strength and comfort
 - Extra padding for comfort
 - Fits 28-36 in. (71-91 cm) waist size



DBI-SALA Quick Spin

- **Model No.: 1500027 (Pack of 10)**
- Reusable design
- Tangle-resistant spin top

Model No.	1500027	1500028	1500029	1500030
Sizes	Small	Medium	Large	X-Large



DBI-SALA Quick Wrap Tape - Yellow

- **Model No.: 1500176 (Pack of 120 rolls)**
- **Model No.: 1500175 (Pack of 10 rolls)**

Quick-wrap tape II, yellow, 1 in. x 9 ft. (2.54 cm x 2.74 m) length, used with 3M™ DBI-SALA® D-Rings and Tool Cinches to create instant tethering points on virtually any tool.

- Creates instant tethering points
- Redesigned Quick-Wrap Tape II helps deliver long-lasting tool attachment performance
- Resists tears better • Stretches further
- Quick and easy installation • Stays out of the way
- Reduces tool downtime

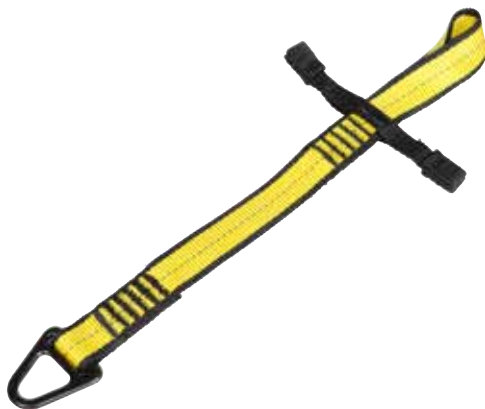


DBI-SALA Quick Wrap Tape - Blue

- **Model No.: 1500170 (Pack of 120 rolls)**
- **Model No.: 1500169 (Pack of 10 rolls)**

Quick-wrap tape II, blue, 1 in. x 9 ft. (2.54 cm x 2.74 m) length, used with 3M™ DBI-SALA® D-Rings and Tool Cinches to create instant tethering points on virtually any tool.

- Creates instant tethering points
- Redesigned Quick-Wrap Tape II helps deliver long-lasting tool attachment performance
- Resists tears better • Stretches further
- Quick and easy installation
- Stays out of the way • Reduces tool downtime



DBI-SALA Unique Cinch

- **Model No.: 1500016 (Pack of 10)**
- Heavy duty 1 3/4-inch forged V-Ring powder coated
- Unique cinch design allows user to simply “cinch, secure, and continue work”
- Heavy duty polyester twist multi-filament bar tack stitching
- Heavy duty Nylon webbing
- Dual heavy duty nylon wings with dual triple fold catch tab, prevents attachment point from travelling once it is cinched to the tool



DBI-SALA D Ring Attachment

- **Model No.: 1500007 (Pack of 10)**
- Heavy-duty box x stitch and dual bar tack stitch with nylon twist multi-filament bonded thread
- Triple fold tab sewn on end of webbing creates a unique “catch point”
- Heavy-duty welded 1-inch d-ring allows for easy connection to a variety of extension lanyards for use in the field



DBI-SALA D Ring Attachment 0.5" x 2.25"

- **Model No.: 1500003 (Pack of 10)**
- Heavy-duty dual bar tack stitch with nylon twist multi-filament bonded thread
- Triple fold tab sewn on end of webbing creates a unique “catch point”
- Heavy-duty welded d-ring allows for easy connection to a variety of extension lanyards for use in the field



DBI-SALA Quick Spin

- **Model No. : 1500027 (Pack of 10)**
- Reusable design
- Tangle-resistant spin top

Model No.	1500027	1500028	1500029	1500030
Sizes	Small	Medium	Large	X-Large



DBI-SALA Hook2Loop Bungee Tether

- **Model No. : 1500048 (Pack of 10)**
- 10 lb. (4.5 kg) capacity
- 5/8" tubular webbing
- Self-Locking carabiner



DBI-SALA Hook2Hook Coil Tether

- **Model No. : 1500063**
- Heavy-duty steel industrial clip with simple flip-up snap allows for easy one-handed operation
- 5 1/2 inch tail with loop makes the Hard Hat Tether easy to attach to any hard hat
- Compact design keeps the tether out of the way when not in use
- 2 pound load rating
- 5.5 inches relaxed, 34 inches stretched





DBI-SALA Standard Vest Style Fall Arrest Harness

- Pass through buckles
- Rear Fall Arrest D-ring
- 1 x sternal fall arrest D-ring

Model No.	1161609	1161610	1161611
Sizes	Small	Medium / Large	X-Large



Shock Absorbing Fall Arrest Lanyard

- **Model No.:** AE532/6

Energy absorber, absorbing strap, polyester webbing L = 45 mm, engaging peak force 2 kN, impact force reduction 2500 daN, high strength forged steel, opening: A= 50mm - B= 17mm, A: nickel-plated, B: white color electro-zinc-plated system breaking strength: >15 kN
Comply with standard 0086 EN 355



Energy Absorber Lanyard Protecta

- **Model No.:** AE5320WAF

2 mtrs. lanyard, 25 mm webbing, energy absorber, high strength polyamide thread, individual serially numbered, impact force reduction to less than 6 kN, system breaking strength 1500 daN.





DBI-SALA ExoFit NEX Suspension Harness

• Model No.: 1113961

ExoFit NEX™ will provide the freedom and confidence to function at your maximum potential. Innovative safety devices and ground breaking design features—such as Duo-Lok™ quick-connect buckles, Tech-Lite™ aluminium D-rings and Hybrid comfort padding—permit the wearer to work smarter, faster and safer.

Model No.	1113960	1113961	1113962	1113963
Sizes	Small	Medium	Large	X-Large



DBI-SALA Standard Vest Style Fall Arrest Harness

- Confort Belt
- Pass through buckles
- Rear fall arrest D-ring
- 1 x sternal fall arrest D-ring
- 2 x work positioning D-rings

Model No.	1161627	1161628	1161629
Sizes	Small	Medium / Large	X-Large

Fall Protection



DBI-SALA Standard Vest Style Fall Arrest Harness

- Pass through buckles
- Rear Fall Arrest D-ring
- 1 x sternal fall arrest D-ring

Model No.	1161609	1161610	1161611
Sizes	Small	Medium / Large	X-Large



Protecta PRO™ Line Construction Harness AB11313NG (M/L Size)

Protecta Line Harnesses provide greater comfort and added safety – which translates to reduced worker fatigue and increased productivity. The updated colors, improved fit, better webbing, and lightweight hardware provides premium safety, value and design without compromise. Protected labels, global certification and a variety of styles and sizes are some of the features that make the PRO Harness an easy choice. Whether it's in the plant or on the construction site, PRO Harnesses by Protecta offer comfort and safety features for the user at a great value.

Line Construction Harness

S Size AB11312NG

M/L Size AB11313NG

XL Size AB11314NG



Protecta PRO™ Line Positioning Harness AB114135NG (M/L Size)

Line Positioning Harness

S Size AB114125NG

M/L Size AB114135

XL Size AB114145NG



Protecta® Work Positioning Lanyard - Trigger

- **Model No.:** 1200314
- Trigger™ adjustment device
- 10.5mm Kernmantle rope material
- Snap hook connecting hook
- Triple action carabiner connection to Trigger™ device



Rebel™ 2m Web

- **Model No.:** 3100422
- Top Swivel
- Super tough nylon housing
- High-strength, thin polyester webbing
- Heat-shrunk PVC coating on the shock pack



DBI-SALA Rebel™ Self Retracting Lifeline - Web

- **Model No.:** 3100425
- 11 ft. (3.3m) of 1" (2.5 cm) polyester web with steel snap hook, swivelling anchorage and anchorage carabiner.
- Swivelling anchorage loop and carabiner
- 11 ft. (3.3m) 1" (2.5cm) polyester web lifeline
- Self-locking snap hook on lifeline
- Compact, lightweight design
- Tough and impact resistant stackable thermoplastic housing
- Quick activating speed sensing brake system
- High capacity external energy absorber and impact indicator
- Several configurations available



Fall Protection

DBI-SALA SecuraSpan™ I-Beam Horizontal Lifeline System



- **Model No.: 7400430**

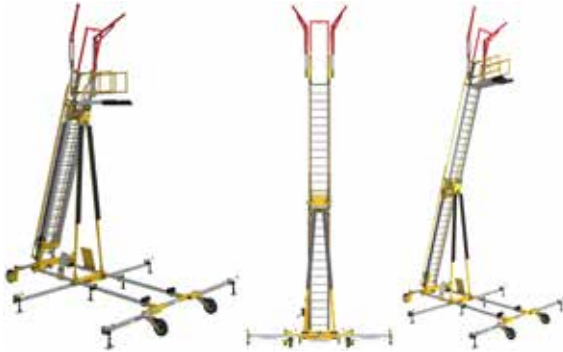
- Complete 30 ft. (9.1m) system includes two stanchions and cable assembly
- Rugged 3/8" (9.5mm) 7x19 galvanized cable lifeline
- Fits I-beam flanges 6 in. to 12 in. (15.2-30.5 cm) up to 2-1/4" (5.7 cm) thick
- Lightweight and portable design • Top mounted adjustment system
- Simple clamp and wing nut installation • Extremely durable construction
- Single and multi-span indefinite length system configurations
- Pass-thru 100% tie-off protection • Zorbit™ energy absorber limits fall arrest forces
- Flexible system capacity • Stanchion is offset 15 degrees for easy passage
- Various lengths and individual components are available
- Equipped with i-Safe™
- Standards: OSHA 1910.66, OSHA 1926.502

Model No.	7400420	7400440	1400450	7400460
Length	20ft./6.1m	40ft./12.2m	50ft./15.2m	60ft./18.3 m

DBI SALA FlexiGuard Freestanding Ladder System

- **Model No. : 8517719**

- Freestanding Ladder System
- 10.75 ft. to 15.5 ft. (3.3 m to 4.7 m) fixed platform height
- Adjustable height with built-in Advanced™ winch
- Multiple height adjustment ranges available
- Fall arrest bar for accessing ladder
- Heavy-duty levelling jacks included
- Requires minimal clearance away from the work area/object
- Many options available to suit customer requirements
- Durable aluminium and steel construction
- Visual level indicators • Custom designs available
- Specialized installation and training available



Platform Height	System Type	Wheels	# Of Users	Part#
10.75 - 15.5 ft. (3.3 - 4.7 m)	Portable Ladder	16 in. (0.4 m) Pneumatic	2	8517715
14.5 - 23 ft. (4.4 - 4.7.0 m)	Portable Ladder	16 in. (0.4 m) Pneumatic	2	8517717
18.25 - 31 ft. (5.6 - 9.4m)	Portable Ladder	16 in. (0.4 m) Pneumatic	2	8517719



DBI SALA FlexiGuard C-Frame System

- **Model No. : 8517709**

- 12.5 ft. to 19 ft. (3.8-5.8 m) adjustable height overhead rail
- 20 ft. (6.1 m) fixed width for horizontal mobility
- Heavy duty 16 in. (0.4 m) pneumatic wheels
- Requires some clearance under equipment being accessed
- Durable aluminium and steel construction
- Maintenance free extruded aluminium rail
- C-Frame rail fall arrest system
- Provides overhead sliding anchor points for two personnel
- Rigid rail design reduces fall clearance requirements
- Heavy duty levelling jacks



Fall Protection



DBI SALA Safrig with Outrigger Base

The Flexiguard™ SafRig™ offers a portable fall safety protection system that can be used for workers with limited space but need a large work area. The smaller frame allows trucks to be parked side by side during use but does not require the weight of the vehicle as the anchoring force. The 360° rotational boom provides a 5 ft. (1.5 m) working offset and has the capacity to provide fall protection or as a rescue system for one person. Depending on the type of base, these systems are ANSI, OSHA and CE compliant.

Base	Anchor Height	Offset	# Of Users	PPE	Part#
15 ft. (4.56 m) x 15 ft. (4.56 m)	20 ft. (6.1 m)	5 ft. 10 in. (5.36 m)	1	Not Included	8530607



DBI-SALA® Mobi-Lok™ Vacuum Anchor with Air Bottle Attachment



- **Model No. : 2200108**
- Provides tie-off point on smooth, non-porous surfaces via vacuum technology
- Fall arrest rated for ultimate safety
- Self contained with on-board air bottle attachment (order air bottle 2200078 separately)
- Compatible with external air power options
- Audible and visual alarms for complete safety
- Built-in check valves provide safety during accidental air loss
- EPDM rubber seals are Skydrol resistant and won't damage surface
- Aviation rated intrinsically safe electronics
- Approved for horizontal lifeline use
- Mobi-Lok™ aviation industry self contained vacuum anchor system with attachment for air bottle and carrying case
- **Standards:** OSHA 1910.140, OSHA 1926.502

MOBI-LOK Accessories



2200078

Compressed
gas cylinder



2200086

Fill station, fills compressed gas cylinder
2200078 from bulk nitrogen cylinder



2200130

Secondary pad hose x 50
ft. (15 m). For connecting
secondary pads to self
contained vacuum anchor.



1246170

FORCE2™ lanyard with
choker on one end and
aluminium carabiner on
leg end x 6 ft. (1.8 m)

2200400

Sayflin[™] horizontal lifeline
system x 40 ft. (12 m). For
connection between two or
more pads to create continuous
protection for two workers.





DBI SALA A-Frame System

The A-Frame System provides a secure anchor point on a portable structure to give workers increased coverage and protection. Depending on the configuration, this system has the capacity to provide fall protection for up to two workers and can be easily moved from job site to job site, providing safe and reliable fall protection where you need it. These systems are ANSI, OSHA and CE compliant.

Fixed Height Systems

- Provide effective/economical means of anchoring overhead
- Each system contains a single rail rated for 2 users
- Ideal in areas with no overhead obstructions or door height restrictions
- System includes heavy duty levelling jacks

Anchor Height	Rail Width	Wheels	# of Users	Part#
15 ft. (4.6m)	15 ft. (4.6m)	16 in. (0.4m) Caster	2	8517790
15 ft. (4.6m)	20 ft. (6.1m)	16 in. (0.4m) Caster	2	8517791
15 ft. (4.6m)	30 ft. (9.1m)	16 in. (0.4m) Caster	2	8517792
20 ft. (6.1m)	15 ft. (4.6m)	16 in. (0.4m) Caster	2	8517793
20 ft. (6.1m)	20 ft. (6.1m)	16 in. (0.4m) Caster	2	8517794
20 ft. (6.1m)	30 ft. (9.1m)	16 in. (0.4m) Caster	2	8517795
30 ft. (9.1m)	15 ft. (4.6m)	16 in. (0.4m) Caster	2	8517796
30 ft. (9.1m)	20 ft. (6.1m)	16 in. (0.4m) Caster	2	8517797
30 ft. (9.1m)	30 ft. (9.1m)	16 in. (0.4m) Caster	2	8517798



INDUSTRIAL HYGIENE PRODUCTS



Industrial Hygiene Products



TSI Sound Detector

- **Model No.:** SD-200

The Sound Detector SD-200 is a compact, lightweight sound level meter designed for measurement of workplace noise levels

- Intuitive interface for easy out-of-the-box operation
- Averaging functionality provides steadier readings in environments where noise levels are highly variable
- Visual LED alerts help users assess the need for hearing protection
- Meets applicable ANSI and IEC Class 2 standards
- Rechargeable battery helps lower total cost of ownership compared to sound level meters that use replaceable batteries



TSI Sound Level Meters

- **Model No.:** SE-400

The TSI Quest™ Sound Examiner Sound Level Meters SE-400 are engineered to accurately measure noise levels in highly variable environments, including those that require intrinsic safety

- Red models have Intrinsic Safety approvals
- Intuitive interface allows for out-of-box use with little to no training
- User selectable data logging intervals for download and analysis with TSI Quest Detection Management Software (sold separately)
- Choose from models with Class/Type 1 or Class/Type 2 microphones, dependent on your application
- SE-401 and SE-402-R models include removable preamp
- Meets IEC 61672-1 (2002) and ANSI S1.43-1997 (R2007) standards and is CE certified
- Intrinsic Safety approvals on SE-401-IS and SE-402-IS





KIMO Sound Level Meter

- **Model No.: DB 100**

DB 100 sound level meter is reliable, easy to use and in accordance with metrology requirements. DB100 can measure:

- Sound-pressure level LA
To be used for stable or slightly fluctuating sound sources. Sound-pressure level (LA) unit is dBA and LAm_{ax} and LAm_{in} values are saved
- Time averaged sound level LAeq
To be used for fluctuating sound sources. Time averaged sound level (LAeq) unit is dBA with a programmable integration time in minutes and seconds
- Standards IEC 61672-1 / IEC 61651 / IEC 60804



Ultraviolet Sensor and Meters

Low levels of UV light have a positive effect on plant growth and seed germination but higher levels can be harmful and even toxic. UV sensors can be used to measure the light intensity from 250 nanometers to 400 nanometers, whether the source is the sun, fluorescent lights, germicidal lamps or other sources of UV radiation.

- Measures combined UVA and UVB radiation
- Self-cleaning, dome-shaped head
- Measure UV filtering of various materials
- Test UV stability of products
- Available in sensor-only version with pigtail leads (for data loggers) or with handheld meter
- Custom options available

Industrial Hygiene Products



YES AIR 8-Channel IAQ Monitor

- Capacity for 1 temperature sensor, 1 relative humidity sensor and 5 internal gas sensors, plus 1 external particulate sensor
- More than 30 plug & play sensors to choose from, including electrochemical, catalytic, infrared and PID
- Multi-function, easy to use menu
- Light weight, contoured & comfortable to hold
- LCD displays readings for all sensors, battery level and logging status
- Sampling with an internal sample draw pump or by diffusion

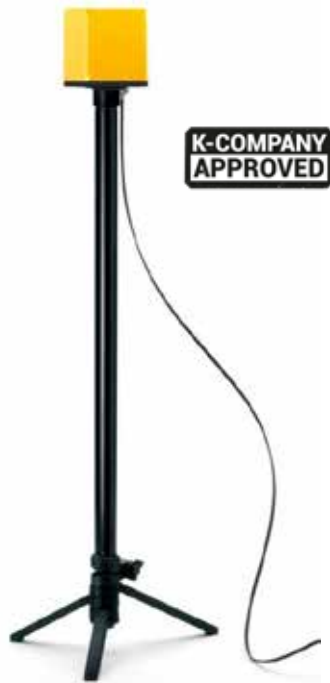


Ultraviolet Sensor and Meters

Low levels of UV light have a positive effect on plant growth and seed germination but higher levels can be harmful and even toxic. UV sensors can be used to measure the light intensity from 250 nanometers to 400 nanometers, whether the source is the sun, fluorescent lights, germicidal lamps or other sources of UV radiation.

- Measures combined UVA and UVB radiation
- Self-cleaning, dome-shaped head
- Measure UV filtering of various materials
- Test UV stability of products
- Available in sensor-only version with pigtail leads (for data loggers) or with handheld meter
- Custom options available





Electric & Magnetic Field Analyser

• Model No.: EHP-50F

The EHP-50F is a LF analyser in a particularly compact package, which is equipped with E field and H field sensors for all three spatial dimensions. It can therefore make frequency selective, non-directional measurements of electric and magnetic fields with high accuracy and dynamic range.

The built in tripod bush and remote operation via optical cable mean that the EHP-50F can be optimally positioned at the place of measurement without causing distortion in the field due to the presence of any person. Operation can be from a PC using Windows® based software or from the Narda NBM-550 basic unit.

The EHP-50F can perform fully automatic long-term measurements for up to 24 hours in stand-alone operation, storing the results in the device itself.



Electric & Magnetic Field Clip On Monitor

- Wide frequency monitoring from 1 MHz to 40 GHz
- Loud warning buzzer with earphone for noisy environments
- Shaped frequency response matched to national and international standards
- Simultaneous E field and H field monitoring for near field use
- Detachable absorber cap to provide isotropic response for monitoring signals apart from the body (e.g. for leak detection)
- Data logger for permanent recording (RadMan XT)
- Manufactured by Narda Safety Test Solutions



TSI Edge 5 Personal Noise Dosimeter

The TSI Quest™ Edge Personal Noise Dosimeter is a comfortable, compact dosimeter that easily mounts to your shoulder. The Edge 5 model offers three independent dosimeters that can simultaneously measure against separate industry standards, all in one compact unit.

Features and Benefits

- Compact, 3-ounce (85 grams) unit mounts easily to the shoulder
- Large display with easy-to-use interface provides crucial information at a glance
- Choose from three independent dosimeters that can simultaneously measure against separate industry standards, all in one compact unit
- MSHA, SIRA (ATEX), CSA (US/Canada) and Simtars (IECEx) Intrinsic Safety Approvals



TSI Heat Stress Monitors

- Utilizes WBGT sensing technology; the standard for heat stress management
- Proven traditional wet bulb sensing technology available on QUESTemp models 32, 34 and 36
- Waterless wet bulb QUESTemp models 44, 66, 48N eliminate daily maintenance
- Convenient stay time parameters per multiple standards help determine work-rest ratios
- IP 54 ingress rating helps protect unit from exposure to dirt, dust, oil and water
- Designed to withstand the rigors of everyday use in demanding environments

Industrial Hygiene Products



TSI EVM Environmental Monitors

- Particulate, gas and photoionization detector (PID) measurement from a single device
- Less equipment to carry to job site; compact, user-friendly design
- 90-degree light scattering laser photometer measures particulates in real-time
- Proprietary technology for selecting particulate settings; no need for external cyclones
- Built in sampling pump allows for gravimetric analysis
- Large, easy-to-read display with trend graphing of measurements
- Time history data logging and compatibility with Detection Management Software makes analysis efficient

TSI Noise Detector

• Model No. : NI-100

The Noise Indicator NI-100 alerts users to potentially dangerous noise levels, helping identify areas where further noise assessment or hearing protection may be needed.

- Provides visual "Go/No Go" indication of noise levels below or above 85 dBA
- Flashing green indicates noise level is below 85 dBA and flashing red indicates noise level is above 85 dBA and hearing protection may be needed
- Simple one-button operation with a rechargeable battery
- Clips to lapel or shirt pocket
- Provides an affordable training tool for helping workers know when hearing protection may be required
- Increase awareness of hearing conservation guidelines
- Can be used as a mapping tool to qualify future noise studies





KIMO Gas Leak Detector

- **Model No.: FG110**
- Detection of gas such as methane (CH₄), LPG (isopropanol and isobutane) and others combustible gas (hydrocarbons)
- Hold min-max function
- Alarm (from 1000 to 10000 ppm)
- Display of minimum and maximum values
- Configurable auto shut-off
- Power Supply - 4 batteries AAA LR03 1.5 V
- European Directives 2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE



KIMO CO Transmitter

- **Model No.: CO110**
- Range from 0 to 500 ppm
- 0-10 V active output, power supply 24 Vac/Vdc (3-4 wires) or 4-20 mA output, passive loop, power supply from 16 to 30 Vdc (2 wires)
- ABS V0 housing, IP20 (depending on model), with or without display
- "1/4 turn" system mounting with wall-mount plate
- Housing with simplified mounting system
- European Directives 2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE



KIMO Kistock Datalogger

- **Model No.: KT120/KH120**
- Integrated software for configuration and visualization in PDF format
- Software for configuration and data processing available as option
- Storage capacity of 50000 points
- IP 65 (KT120) and IP 20 (KH120) housing
- Up to 2 recordable parameters
- 2 configurable set point alarms





Kimo Thermo-Hygrometer

- **Model No. : HD110**
- Wired probe, hold-min-max functions, adjustable automatic shut-off, adjustable backlight
- IP54 ABS housing
- Measuring range: Humidity: 5 to 95% HR, Temperature: -20 to +70°C, Dew point: -40 to +70°C_{td}
- Supplied with calibration certificate & transport case
- European Directives 2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE



KIMO Solarimeter

- **Model No. : SL100**
- Portable autonomous solarimeter can measure solar irradiation for the control of photo voltaic and thermal installations on test or on site
- Evaluation of generated electric power, optimum orientation of solar panels & performances follow-up
- Choice and determination of thermal or photo voltaic generators features
- Measurement & spot check of solar power in W/m²
- Calculation of energetic exposure in Wh/m²
- Results (Wh/m²) saved when instrument is switched off
- Conformity in accordance with RoHS directives



KIMO Pin Moisture Meter

- **Model No. : HM50**
- Easy to use & Hold function
- Compatible with 4 types of materials: wood type 1, wood type 2, plaster and brick/concrete
- Auto shut-off: 20 minutes
- European Directives 2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE



Industrial Hygiene Products



KIMO Detector for Refrigerant Gases and Hydrogen (H2)

- **Model No.: DF110**
- Detection of all the HCFC and HFC refrigerants
- Detection of mixtures 5% hydrogen - 95% nitrogen (Nidron 5...)
- Heated diode sensor
- 3 modes of sensitivity (high, low and normal)
- Manual and automatic autozero
- Power supply - 4 AAA LR03 1.5 V batteries
- European Directives 2014/30/EU EMC; 2014/35/EU Low Voltage; 2011/65/EU RoHS II; 2012/19/EU WEEE



Combustion Gas Analyser

- **Model No.: KIGAZ310**
- Long-life O2 sensor
- Interchangeable CO-H2, NO, NO2, SO2, CH4 sensors
- CO dilution
- Auto-zeroing in the flue
- Gas flow auto-setting
- Standards: EN 50379-1 and EN 50379-2



Multifunction Instrument

- **Model No.: AMI310**
- Measurement of hygrometry, temperature, CO2, CO, air velocity, airflow, pressure, tachometry (depending on model and probe)
- Interchangeable modules
- 2 inputs for Pt100 temperature (from -200 to +600°C)
- Expandable memory with micro-SD card
- Up to 6 measurements simultaneously
- European Directives 2014/30/EU ECM; 2014/35/EU Low tension; 2011/65/UE RoHS II; 2012/19/UE DEEE

THERMAL IMAGING CAMERA



Thermal Imaging Camera



Scott Thermal Imager - NFPA Compliant

• Model No.: X380N

The NFPA-compliant X380N thermal imager powered by ISG technology is the latest addition to the X-Series of cameras. With superior performance technology exclusive to ISG, the X380N provides the ultimate combination of technology, lightweight design, and compliance to enhance situational awareness. Superior image quality enables firefighters to fully interpret a fire scene and make better, more informed tactical decisions. User-friendly controls and technology-advanced capabilities provide durability and reliability on the fireground.



Bullard NXT Thermal Imaging Camera

The Bullard NXT is designed not only for long-lasting service on the front line but also low total cost of ownership in the back office. It is purpose-built for today's fire service including NFPA Certification and the industries:

- Longest battery run time
- Best image quality
- Most desired form factor
- Most proven durability
- First wireless charging systems



Bullard T3X Thermal Imaging Camera

The T3X offers firefighters an economic thermal imager in a favorite handheld design equipped with the newest state-of-the-art infrared engine technology for the highest image quality and performance ever.

- Operating Time > 5 Hours*
- Water Resistance IP67
- Impact Resistance ~ 2 m drops with no damage
- Electronic Thermal Throttle Manually activated
- Blue Hot Spot Colorization

ELECTRICAL SAFETY PRODUCTS



Electrical Insulating Mats

- **Model No.: TTCL**

Insulating mats isolate the worker from the ground so that the electrical current does not pass through his body if he directly touches an energised part or in the case of step voltage.

The CLASS of mat will be chosen according to the maximum nominal voltage of the network.

Instructions for use and maintenance are marked on each mat.

- Made of elastomer
- Non-slip surface

Available in sizes: 0.6 x 0.6 m – 0.6 x 1m – 1 x 1m (other sizes available on request)

Reference	Class	Max. Operating Voltage AC	Max. Operating Voltage DC
TTCL0	0	1,000 V	1,500 V
TTCL2	2	17,000 V	25,500 V
TTCL3	3	26,500 V	39,750 V
TTCL4	4	36,000 V	54,000 V



Canvas Carry Bag for Insulating Mat

- **Model No.: TS707 – TS711**

Blue polyamide canvas.

Carry handle and drawstring closure

Reference	Length	Diameter	Weight
TS707	700 mm	110 mm	290 g
TS711	1,100 mm	110 mm	450 g



Electrical Safety Products

Low Voltage short-circuiting & Earthing Device for Panels & Cabinets

• **Model No.:** DMTBTT

IEC 61230

Portable device for short-circuiting and earthing a panel or cabinet in a LV network equipped with NH00, NH1, 2, 3 or NH4a fuse links

Trifurcation kit with crimped central connector sealed by heat shrinkable sleeving consisting of:

- 3 phase cables L1, L2, L3 fitted with screw connections at the ends
- 1 earth cable with a lug with a stud hole Ø 10 mm at the end
- 2 x 00 fuse links with M10 thread
- 2 x 123 fuse links with M12 thread
- 1 insulated handle
- 1 earth clamp

Optional storage case



Reference	Cable Section	Max. ICC	Short-Circuit & Earth Cable L1	Short-Circuit & Earth Cable L2	Short-Circuit & Earth Cable L3	Short-Circuit & Earth Cable LE	Cable Type
DMTBTT1601	16 mm ²	3,5 kA/1s	300 mm	500 mm	700 mm	800 mm	CEI61138
DMTBTT2501	25 mm ²	5,5 kA/1s	300 mm	500 mm	700 mm	800 mm	CEI61138
DMTBTT3501	35 mm ²	7 kA/1s	300 mm	500 mm	700 mm	800 mm	CEI61138
DMTBTT5001	50 mm ²	9 kA/1s	300 mm	500 mm	700 mm	800 mm	CEI61138

Hydraulic Spiking & Cutting Tool

Model No.: Picoup 400

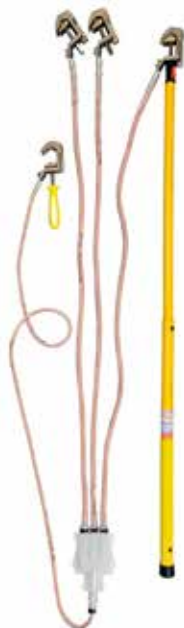
- Spiking cable to check and ensure the absence of voltage on LV and MV underground cables
- Cutting after spiking operation in full safety
- Total Security for the USER According to NFC 18510

Specifications

- Cutting capacity: Diameter 140 mm
- Cutting force: 21000kg



Electrical Safety Products



Complete MV Earthing & short-circuiting Device

• **Model No.:** CORATRIF

IEC 61230

For fixed ball points, diameters 20 and 25 mm, flat and cylindrical bars. Suitable for fitting E240 lug barrels.

- 1 trifurcation
- 3 phase clamps, hexagonal end fittings, 12 mm
- 1 earth clamp with ergonomic handle
- 1 2-part telescopic insulating stick, length when extended 2 m
- 1 metal storage case

Clamp capacity:

Cylindrical conductors: 7 / 37 mm

Flat conductor: 37 mm

Fixed earth point: 20 and 25 mm

Reference	Max. ICC	Section of 3 Short-Circuit Cables	Lenhth of 3 Short-Circuit Cables	Earth Cable Section	Earth Cable Length
CORATRIF	18,5 kA/1s	70 mm ²	1.5 m	35 mm ²	2 m
CORATRIF01	25 kA/1s	95 mm ²	0.8 m	95 mm ²	3 m
CORATRIF02	18,5 kA/1s	70 mm ²	0.8 m	35 mm ²	5 m
CORATRIF03	18,5 kA/1s	70 mm ²	0.8 m	35 mm ²	10 m



Non-Metallic Textile Belt 80/125

• **Model No.:** CTI-125

Textile belt in non-metallic strapping, 40 mm wide. Closure and adjustment with automatic plastic buckle



PPE Carry Bag in Rigid Canvas

• **Model No.:** S510

Carry bag designed especially for transporting PPE. Special side pocket for shoes, so as to leave the rest of the equipment clean.

Electrical Safety Products

Electrical Safety Kit

VES25-VES36

This case contains everything you need to rescue persons in a situation where there is an electrical hazard from networks up to 25kV (model VES25) or 36kV (model VES36).

Kit contains:

- Insulating stool: 25,000V or 36,000V models available
- Class 3 insulating gloves for model VES25 or class 4 for model VES36
- Insulating boots
- Insulating stick with hook
- AC voltage detector
- Insulated 36,000V cable cutter
- Talc shaker
- Fabric glove case
- Safety adhesive tape
- Instructions for use

Reference	Description
VES25	Electrical emergency kit 25 kV
VES36	Electrical emergency kit 36 kV

Aladin Individual Voltage Alarm with Headlamp

Aladin

ALADIN is equipped with an integrated high-performance LED headlamp and professional lenses for excellent light quality and will adapt to any requirements.

ALADIN is fitted with two light beams, suitable for all uses.

- Wide Voltage Detection Range from 2KV to 400KV
- 360° Detection around the wearer
- Smart Mute Feature
- Long Range Beam & Broad Beam





Earthing and short-circuiting Device for MV Substations

• **Model No.:** PIMT

IEC 61230

Standard composition:

- A set of 3 identical clamps with AP end fitting (reference of choice)
- A TRIFURCATION kit: set of extra flexible sheathed copper jumper cables with sealed cable lugs, connected by a junction block
- Length of short-circuit cables: 0.8 m
- Length of earth cable: 2 m
- An earth clamp, capacity : Ø 6 to 27 mm / flat surface 0 to 25 mm / hexagonal 19 mm
- 1 2-part telescopic insulating stick, length when extended 2 m
- A metal case

Reference	Clamp Set Capacity	ICC	Triffurcation: Short Circuit Section & Earth Cable Section
PIMT66	Cylindrical conductors Ø 5-35 mm	8 kA/1s	35 mm ²
PIMT76	Cylindrical conductors Ø 5-35 mm Flat conductors 16-40 mm and 5-40 mm	8 kA/1s	35 mm ²
PIMT610	Cylindrical conductors Ø 5-35 mm	13 kA/1s	50 mm ²
PIMT710	Cylindrical conductors Ø 5-35 mm Flat conductors 16-40 mm and 5-40 mm	13 kA/1s	50 mm ²
PIMT49	Cylindrical conductors Ø 5-35 mm	14,5 kA/1s	sc: 70 mm ² / earth: 35 mm ²
PIMT48	Cylindrical conductors Ø 5-35 mm Flat conductors 16-40 mm and 5-40 mm	8 kA/1s	35 mm ² (lgth sc cable = 2 m, earth = 5 m)



Voltage Detector

Model No.: TAG780

- A revolutionary IP2X system (retractable sleeve) trigger in back of device
- Incomparable display quality provided by encapsulated LED technology
- Very strong and ultra flexible cable
- Special protection adapted to field use

780V Simple Voltage Detector

780R with Phase Rotation



Multi Purpose Telescopic Insulating Stick

PENTA-POLE

The Penta-Pole insulating stick is Fameca's new telescopic stick for Medium Voltage overhead networks. Its new pentagonal shape combines ergonomics & effectiveness in use. Infact, with its new fibre structure, its mechanical strength is 15% greater than other types of stick. This makes it more rigid, & therefore easier to handle. Made up of between 2 & 9 segments, this stick adapts to all types of uses & can reach great heights, up to 12 metres.



Reference	No. of Sections	Length when extended		Length when retracted		Average Weight
PPOL3/035U	3	3,80 m	12'5"	1,45 m	4'9"	1,89 kg
PPOL4/050U	4	5,00 m	16'4"	1,54 m	5'0"	2,48 kg
PPOL5/060U	5	6,40 m	21'0"	1,60 m	5'2"	3,16 kg
PPOL6/075U	6	7,80 m	25'7"	1,67 m	5'5"	3,96 kg
PPOL7/090U	7	9,20 m	30'2"	1,74 m	5'8"	4,70 kg
PPOL8/0105U	8	10,60 m	34'9"	1,80 m	5'10"	5,52 kg
PPOL9/0120U	9	12,00 m	39'4"	1,84 m	6'0"	6,89 kg



Reference	Voltage Range
VEC0310	3 kV to 10 kV
VEC1036	10 kV to 36 kV

MV Voltage Detector Vector

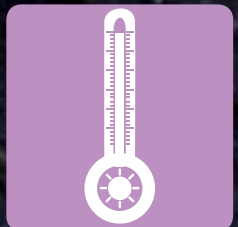
VECTOR

IEC 61243-1 2009

- Use: Device designed to test for the absence of voltage on MV system. (indoor & outdoor)
- Its multiple sensor technology and microcomputer enable it to read the same voltage, whatever the network configuration and regardless of changes in temperature
- Indicator lights on the side allow for easy reading in any configuration
- Adjusted to true voltage
- AC voltage range: can be adjusted 3 to 80 kV
- Comes in a shoulder bag, with 40 mm V-shaped electrodes and 40 mm straight electrodes

A collection of various electrical tools including pliers, screwdrivers, wire cutters, a voltage tester, gloves, and tool bags.

WEATHER METERS & WINDSOCKS



Weather Meters & Windsocks



Kestrel® Wind Meter

• Model No.: 1000

Here's the one that started it all! Measuring wind is a breeze with the Kestrel 1000. We developed the Kestrel 1000 Pocket Wind Meter in 1995 when NK's co-founder, Richard Kellerman, needed a reliable wind meter for flying his glider. The Kestrel 1000 can easily be switched between mph, km/h, ft/min, m/s, knots and Beaufort.

- Wind Speed
- 3-Button Control
- CR2032 Coin Cell Battery (Average Life 300 Hours)
- Data Hold Function • Easy-To-Read Display
- Drop-Tested, MIL-STD-810G • Neck Lanyard
- Patented Impeller and Sensor Technology
- Slip-On Protective Cover
- User-Replaceable Batteries
- User-Replaceable Impeller • Waterproof & Floats



Kestrel Pocket Wind Meter

• Model No.: 2000

For those of you who like to know just how cold and windy it really is, the Kestrel 2000 Pocket Wind Meter is your reality check. Winter sports enthusiasts around the world love Kestrel Meters.

- Temperature • Wind Chill • Wind Speed
- Backlight
- CR2032 Coin Cell Battery (Average Life 300 Hours)
- Data Hold Function • Drop-Tested, MIL-STD-810G
- Easy-To-Read Display • IP67 Waterproof
- Minimum and Maximum Values • Neck Lanyard
- Patented Impeller and Sensor Technology
- Slip-On Protective Cover
- User-Replaceable Batteries
- User-Replaceable Impeller • Waterproof & Floats

Weather Meters & Windsocks

Kestrel Delta-T Pocket Weather Meter

• **Model No.: 3500**

It is critical to measure relative humidity, wind speed and wind direction in order to minimize waste and maximize safety when spraying.

- Altitude • Barometric Pressure
- Delta T
- Dew Point
- Heat Stress Index
- Relative Humidity
- Temperature
- Wet Bulb Temperature (Psychometric)
- Wind Chill
- Wind Speed



Kestrel Pocket Weather Meter

• **Model No.: 3000**

The Kestrel 3000 keeps you from working past your limits. From the Kestrel 3000's accurate relative humidity readings, it also calculates the dewpoint and heat stress index—important information to know when working or playing outdoors in hot and humid conditions.

- Dew Point • Heat Stress Index
- Relative Humidity • Temperature
- Wind Chill • Wind Speed
- 3-Button Control • Backlight
- Easy-To-Read Display • Neck Lanyard
- CR2032 Coin Cell Battery (Average Life 300 Hours)
- Data Hold Function • Drop-Tested, MIL-STD-810G
- Patented Impeller and Sensor Technology
- Slip-On Protective Cover • Time of Day
- User-Replaceable Batteries
- User-Replaceable Impeller
- Waterproof & Floats





Kestrel Environmental Meter

• Model No.: 5000

The Kestrel 5000 Environmental Meter is a remarkably powerful measuring and data logging tool, yet remarkably compact. The Kestrel 5000 provides the same trusted accuracy, reliability, and usability as the original Kestrel 4000. Use it for research, safety, expeditions, agriculture and any other profession or activity where accurate on-the-spot conditions monitoring is the key.

Kestrel 5000 Environmental Meter Overview

- Used in firefighting, agriculture, hazardous materials response, meteorology, military, law enforcement, research, education, scientific & mountaineering expeditions and more
- Handheld, portable environmental meter with onboard data logging and graphing
- Measures wind speed / air speed, temperature, humidity and pressure and displays over 10 total environmental parameters on large, hi-res, hi-contrast, graphic display
- Optional Link connectivity powered by Bluetooth® low energy provides wireless communication to mobile devices and computers
- Rugged (drop tested to MIL-STD-810G standards), waterproof (sealed to IP67 standards)
- Protective pouch, neck lanyard and Lithium AA battery included
- 5-year warranty

Kestrel Professional Environmental Meter

• Model No.: 5200

Kestrel 5200 provides the same trusted accuracy, reliability, and usability as the original Kestrel 4200 and 4300. With its complete suite of environmental measurements plus special features designed to aid HVAC technicians, construction and agriculture professionals, the Kestrel 5200 outperforms the competition as the most compact and complete environmental meter and data logger for all professional uses.

Kestrel 5200 Professional Environmental Meter Overview

- Measures evaporation rate, air velocity, air flow, air density, relative air density, delta T, and much more. 17 measurements in all!
- Large, hi-res, hi-contrast, graphic display is perfectly readable in the brightest sunlight and is backlit for use in low-light conditions
- Handheld, portable, data logger with on-screen graphing and measurement statistics
- Optional Link connectivity powered by Bluetooth® low energy provides wireless communication to mobile devices and computers
- Rugged (drop tested to MIL-STD-810G standards), waterproof (sealed to IP67 standards)
- Protective pouch, neck lanyard and Lithium AA battery included
- 5-year warranty



Weather Meters & Windsocks



Kestrel Weather Meter

- **Model No. : 5500**

The Kestrel 5500 provides the same trusted accuracy, reliability, and usability as the original Kestrel 4500. Measure every environmental condition plus wind direction, crosswind and headwind/tailwind. Use it golfing, sailing, flying, spraying, shooting and more. Drop-proof, dust-proof, waterproof and able to withstand extreme environments without damage, your Kestrel weather meter travels with you anywhere you dare to go. A range of carry pouch options makes it even easier to take your Kestrel meter with you.



Safety Plus World Windsocks

Windssocks are high-visibility indicators of wind direction and speed. We have a variety of sizes available suitable for industrial applications and aviation. All windsocks are made from high-quality international orange PVC over nylon, which is incredibly durable and stays colorfast longer than other materials.

Available Sizes: 10 & 18 Inch

GAS DETECTION



Gas Detection



Protégé ZM Single Gas Monitor

The Protégé ZM Single Gas Monitor is an easy-to-use, zero-maintenance gas detection solution that delivers high performance in a small package.

- Available in hydrogen sulphide, carbon monoxide and oxygen configurations
- Two year operating life, no charging or calibration required
- Hydrogen sulphide and carbon monoxide models include hibernate feature to extend battery life
- Customized LCD display can show operating life remaining, real time gas readings or both
- Run Time: 2 years; hibernate mode extends life up to one year on CO and H₂S
- Alarms: 95 dB audible, red LED visual, vibrating
- Gases Detected: H₂S, O₂, CO
- Approvals: ATEX • CE • IECEx • CSA • INMETRO • EAC
- IP66/67



Protégé ZM Portable Test Station

The Protégé ZM Portable Test Station performs bumping, calibrating, programming and hibernating of up to four Protégé ZM monitors simultaneously. The test station stores monitor event data and test data logs. It is designed to be used with 34 - 103L bottles of calibration gas available from Scott.

- Dedicated Pass/Fail LEDs for each test bay report results
- Records test logs and monitor event data on board memory
- Configurable calibration gas settings
- Built-in regulator and gas pressure gauge



UNI 321RT

3, 2 and 1-Year Maintenance-Free Single Gas Detectors


- Real-time Readings
- Hibernation Mode up to 1 year for 1 & 2 years detectors
- Weight: 4.4 oz. & size: 3.46 x 2.44 x 1.30 in
- Gases: 3 Selections (H₂S, CO & O₂)
- Display: Large LCD
- Protection: IP 67
- Battery: Replaceable (3.6V, 2700mAh, AA Lithium)
- Event log: Up to 50 alarm events
- Docking Station for calibration and event download
- Manufactured by Mpower Electronics (USA)

Safety Certifications:


Class I, Div 1, Group ABCD


 Class II, Div 1, Group EFG

Class III, Div 1

 T4, -20°C ≤ Tamb ≤ +50°C

Ex ia IIC T4

 II 1G Ex ia IIC T4

 European Conformity









UNI MP100

Single Gas Detectors

- Real-time Readings
- Weight: 4.4 oz.
- Widest choice of sensors in the market
- Smart Sensor
- Size: 3.46 x 2.44 x 1.30 in
- Gases: 19 Selections (H₂S, CO, O₂, NH₃, Cl₂, ClO₂, H₂, HCl, HF, HCN, NO, NO₂, O₃, PH₃, SO₂, C₂H₄O, ETO, CH₃SH, THT)
- Display: Large LCD
- Battery: Replaceable, AA size Lithium battery, 3 years typical operation
- Event Log: Up to 50 alarm events
- Low, High, TWA & STEL Alarms
- Protection: IP 67
- Docking Station for calibration and event download
- Warranty:
 - 3 years on CO, H₂S, & SO₂ including sensors
 - 2 years on O₂, HCN, NO₂, PH₃. 1 year on all other gases
 - 5-years warranty option available for H₂S
- Manufactured by Mpower Electronics (USA)

Safety Certifications:

- Class I, Div 1, Group ABCD
-  Class II, Div 1, Group EFG
- Class III, Div 1
-  T4, -20°C ≤ Tamb ≤ +50°C
- Ex ia IIC T4
-  II 1G Ex ia IIC T4
-  European Conformity






MP400/MP400P/MP400S

POLI Multi-Gas Detectors

The POLI multi-gas detectors (MP400/MP400P/MP400S) offer 4- or 5-gas monitoring of oxygen (O₂), combustibles (LEL), toxic gases, carbon dioxide (CO₂), and volatile organic compounds (VOCs). The MP400 and MP400P are basic models with O₂, LEL, carbon monoxide (CO) and hydrogen sulfide (H₂S) configuration in both diffusion or pumped versions, for confined space entry compliance. The MP400S adopts a full range of sensor selection, e.g. electrochemical (EC), pellistor, non-dispersive infrared (NDIR) and photo-ionization detector (PID) in a pumped model. Use of a combined CO/H₂S sensor in the MP400S allows up to five gases to be monitored. An option of wireless communication enables real-time monitoring of gas readings and alarm status including man down alarm from remote locations for better visibility and faster response.



Safety Certifications:

-  Class I, Div 1, Group ABCD
-  T4, $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$
-  Ex ia IIC T4 Ga
-  II 1G Ex ia IIC T4 Ga
-  European Conformity

- Available in diffusion or pump version
- Man Down Alarm with real-time remote wireless notification
- IP-65/67 water and dust resistant case
- Real-time gas concentration readings and alarm status enabled by state-of-the-art wireless technology
- Large graphical display icon-driven user interface through intuitive, simple-to-operate two-button user interface
- Easy access to pump, sensor, filter and battery
- Over 30 interchangeable sensor options, including PID for VOC, NDIR and catalytic for combustibles, and NDIR for CO₂
- Intelligent sensors store calibration data, so they can be swapped in the field
- Warranty: 2 years including sensors
- Manufactured by Mpower Electronics (USA)



Multi Gas Detector

• Model No.: PS200

A robust and accurate portable gas detector, the Personal Surveyor (PS200 Series) provides unrivalled protection in confined space applications with audible and visual alarms in the event of exposure to flammable or toxic gases.

Detecting and displaying up to 4 gases simultaneously, PS200 is suitable for a host of applications in a variety of industries. The PS200 can be configured to detect a combination of Methane, Oxygen, Carbon Monoxide, Hydrogen Sulphide, as well as other flammable gases.

- Simple 1-button operation
- Any combination of (LEL/O₂/CO/H₂S)
- Audible, visual and vibrating alarms
- Fully certified
- Internal pump (optional)
- Run Time: 14 hours, 8 hours (pumped)
- Approvals: ATEX • CE • IECEx • MED



BM25 Area Gas Monitor

BM25 portable area gas monitor is designed for team protection or area surveillance where fixed detection systems are not suitable. The unit is most suitable in applications for perimeter monitoring, rig overhauls, and plant shutdowns for use by maintenance teams. BM25 is capable of monitoring 6 gases choosing from 32 interchangeable “smart” sensor available including a PID sensor for VOCs, an IR sensor for CO₂ and combustible gases, electrochemical sensors for toxic gas and oxygen detection, and a catalytic sensor for combustible gas detection.

- ATEX:

II 1 G / EEx ia IIC T4; I M1 / EEx ia I

or (when used with IR flameproof sensor)

II 2 G / EEx ia d IIC T4; I M2 / EEx ia d I







NEO Photo-ionization Detectors



- Smaller and lighter weight than comparable PIDs
- Most stable ppb-level PID on the market
- Outstanding linearity over full measurement range
- Easy charging on laptop or other USB port
- USB Micro Charger; combination USB-m charging and communications cable
- Powerful battery (run time 24 hours)
- Bluetooth Low Energy (BLE) connectivity standard
- SM Wireless communication at longer distances and with no subscription fees
- Large backlight graphic display
- Lamp glow indicator
- Rugged, stainless-steel housing with rubber outer boot

Safety Certifications:

- Class I, Div 1, Group ABCD
-  Class II, Div 1, Group EFG
- Class III, Div 1
-  T4, $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$
- Ex ia IIC T4 Ga
-  II 1G Ex ia IIC T4 Ga
-  European Conformity

Model Number	VOC Range (ppm)	Part No.
MP181 (NEO PPM)	0.01-5,000	M011-0004-000
MP182 (NEO EXT)	0.01-15,000	M011-0005-000
MP184 (NEO PPB)	0.001-15,000	M011-0006-000
MP185 (NEO SEMI) (w/o MicroUSB)	0.001-15,000	Special Order
MP186 (NEO BENZ)* (w/9.8 eV Lamp & Tube Holder)	0.05-200 Benzene 0.005-10,000 VOC	M011-0013-000



Gas Detection



Calibration Gases & Regulators

Calibration Gases: We carry a complete range of calibration gas cylinders to calibrate all instruments. The gas mixture in calibration gas cylinders is certified to be prepared gravimetrically, using NIST traceable weights. The lot number and nominal value of the gas constituents in volume, percent by mass, PPM, or volume is specified on the cylinder.

Regulators: The regulator, or gas delivery system, is crucial in providing the correct amount of gas to the instrument. This ensures an accurate bump testing and calibration.



Precision Gas Detector Tubes

Detector tubes are available to measure more than 200 different kinds of gases and vapours. For many gases and vapours, there are several concentration ranges available giving you the flexibility to measure both low and high concentrations without sacrificing precision.



EMERGENCY & FIRST AID



Emergency & First Aid

First Aid Kits



General Purpose First Aid Kits, Plastic - Designed for everyday use. Good for the home, office, auto, camping or the workshop. These plastic kits are waterproof and portable and are completely latex free. General Purpose First Aid Kits, Soft-Sided - Designed for everyday use.

- Contents meet or exceed those required items from ANSI Z308.1-2009
- Contents exceed requirements of ANSI Standard Z308.1-2009
- Available in different size as 10, 25 and 50 persons – also available in metal cabinets with 2 or 3 shelf



Plum Eye Wash 500 ml

- **Model No.: 4604**
- Bottle containing a 0.9% sterile sodium chloride solution
- Complete with an ergonomic eye cup, a dust cap and clear instructions
- For filling stations or for use alone
- Durability 3 years
- Storage temperature: 5-35 °C



Plum pH Neutral Duo Eyewash 500 ml

- **Model No.: 4801**
- Sterile 4.9% Phosphate buffer solution
- For neutralizing acids and alkalis
- Complete with an eye device for washing both eyes at the same time
- Also for refilling of the Duo eye wash station
- Durability 3 years
- Storage temperature: 5-35 °C

Emergency & First Aid



Plum Eye Wash Station with 1 Bottle

- **Model No.: 4611**
- Wall-mounted station containing 1 x 500 ml Plum Eye Wash complete with pictogram
- Especially suitable for workplaces where on-the-spot rinsing is required, smaller workplaces and mobile workplaces



Haws Eyewash Station

- **Model No.: 7500**
- Haws portable Model 7500 is ideal for remote locations. Using gravity to supply a continuous flow of clean water to injured personnel for a full 15 minutes at 4 gpm (1.5 L), this model is a reliable source for safety. Recognizing the 7500's full patterned flushing feature, those working in remote areas can't help but feel confident with this piece of emergency equipment day after day.



Encon® Eye Wash Station w/Drench Head

- **Model No.: 01104002**
- Encon Eye Wash Station 10 gal. Capacity Tank Material Stainless Steel Height 41 In. Diameter 12-1/4 In. Ball Valve Type 1/2 In. IPS Chrome Plated Brass Pressure Port Tire Filler (Clean Air) and Pressure Relief Head Dia. 1-1/2 In. Flow Rate 0.4 gpm Covers Pop Off Weight Empty 32 lb. Weight Full 108 lb. Standards ANSI 358.1 CSA Includes 8 ft. Coiled Hose

Emergency & First Aid



Encon Helios Self-Contained Gravity Fed Portable Eyewash Station

- **Model No.: HE100**

The Encon® Helios® is a modern breakthrough in Self-Contained Portable Eyewash Solutions featuring the newest advancements in eye irrigation equipment. This self-contained station requires only 9.4 gallons of flushing fluid to deliver a continuous flow of more than 0.4 gpm for a full fifteen minutes of use. Its sleek profile and feature-rich attributes make the Encon® Helios® the premier product in its class. Here are a few of its features:

- Helios delivers 0.4 gpm of non-injurious flushing fluid for 15 minutes to meet the requirements of the ANSI Z358.1 Standard
- The innovative eyewash nozzles are incorporated into the tray with an ergonomic handle for quick activation
- The nozzles, when not in use, are safely guarded as they recess into the custom formed cavities located inside the vessel body; thus minimizing the possibility of contamination
- Certifications: ANSI/ISEA Z358.1-2014



Encon Pedestal Mounted Eye/Facewash - ABS heads /Wye, Yello-Bowl®

- **Model No.: 01035402**

- Bowl Type: ABS Plastic Yello-Bowl®
- Mounting: Pedestal Mount
- Fountain Type: 3.2 gpm ABS EW Heads & Wye
- Special Features: ABS Float-Off Head Covers with SS Bead Chain, Hi-Viz Bowl - 10.8" Diameter



Encon® Combination Shower & Eye/Facewash

- **Model No. : 01050231 with strainer tee**

The combination shower and eyewash shall deliver 30 gpm (113.6 lpm) @ 30/70 psi (206.8/482.6 kPa) of flowing pressure from the shower head and 2.4 gpm (9.1 lpm) @ 30/70 psi (206.8/482.6 kPa) of flowing pressure from the eyewash. Unit shall provide a non-injurious stream of water for 15 minutes or longer.

- Piping: Schedule 80 hot dip galvanized steel
- Valves: Chrome plated bronze stay open ball valves with chrome plated balls, stainless steel valve stems, stainless steel push plate with actuation graphic (eyewash) and stainless steel pull rod with actuation graphic (shower)
- Valve sizes: shower 1", eyewash 1/2"
- Shower Head: Yellow ABS plastic shower head
- Eyewash Head: Acetal plastic dual stream heads with integral hinged covers and chrome plated brass wye assembly
- Bowl: Type 304 stainless steel
- Regulator: Self adjusting 30 gpm (113.6 lpm) shower and (2) 1.2 gpm (4.5 lpm) eyewash regulators
- Supply: 1 1/4" NPT
- Waste: 1 1/4" NPT
- Weight: 60 lbs (27.21 kgs)



Encon Wall-Mounted Eye/Facewash

- **Model No. : 01035501**

Yello-Bowl®, 8.0 gpm Eye/Facewash

- Bowl Type: ABS Plastic Yello-Bowl®
- Mounting: Wall Mount
- Special Features: ABS Float-Off Head Covers with SS Bead Chain, Hi-Viz Bowl - 10.8" Diameter

Emergency & First Aid



Progetti Rescue Sam AED

RESCUE SAM is a semi-automatic external defibrillator designed for providing simple and direct voice prompts and indications for a straightforward rescue operation. It is lightweight and battery powered for maximum portability. RESCUE SAM is designed to treat Ventricular Fibrillation (VF) and Fast Ventricular Tachycardia (VT).



Fire Blankets

- Pack fits snugly to wall
- Simple to use
- Absolutely reliable
- Clear pictorial instructions
- Blanket Size: 1.8 m x 1.8 m



BEVERAGE FOR HYDRATION & ELECTROLYTE REPLACEMENT



Beverage for Hydration & Electrolyte Replacement



Super Hydrate

Super Hydrate is the world's first Hydration Drink that has been developed especially for Industry. It contains the right balance of electrolytes and carbohydrates to ensure your workers are optimally hydrated throughout the day and helps avoid cases of Heat Stress and Heat Related accidents. It tastes great too and only contains 1% sugar when mixed so its safe to be consumed throughout the day over a prolonged period. In extensive trials, more than 95% of participants preferred Super Hydrate over other hydration products.

Available Sizes

345 gm bag Orange & Lemon

17 gm Sachet Orange & Lemon



SAFETY OF LIFE AT SEA





Lalzas Oceano SOLAS Life Rafts

- **Model No.: 79873**

Lalzas Oceano SOLAS Life Rafts 79873 are the brand new SOLAS certified Life Rafts manufactured by Lalzas and are designed to be stored on board on every vessel worldwide.

Lalzas Oceano SOLAS Life Rafts' capacity models are suitable for 6, 8, 10, 12, 15, 20, 25, 30 or 35 passengers.



Lalzas Foam Lifejacket

- **Model No.: 71086**

A new design of a superior for safety. Designed to keep an unconscious face up and saves person from drowning. These vests are provided with a strap between legs, in the case of a child support too. Include a strap with buckle, plastic zipper and reflective tape. Approved to the latest European standards for vests 150 Newton, ISO 12402-3. All components certified according to ISO 12402-7 and ISO 12402 -8.



Lalzas Professional Lifejacket

- **Model No.: 71144**

The work vest is specifically designed and constructed for use in the work environment. Its two waist webbings are adjusted by the stainless steel buckles, while the vest is fastened by using the stainless steel D-rings and hooks. It is provided with SOLAS retro reflective tapes. It has also a fabric pocket for placing tools or other light equipment. Approved to the latest European standards for 50 Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability. It is available in one adult size and in orange colour.



K-COMPANY
APPROVED



Lalzas Lifejacket Sigma 150N CE ISO 12402-3

• **Model No.:** 71094 upto 71097

The Sigma lifejacket is an economic lifejacket available in auto and manual version. The ultra-lightweight design makes Sigma comfortable to wear and its webbing system makes it a user-friendly lifejacket. This cost effective lifejacket is available, in red and its transparent area allows the user to check the operating head function. The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon red valise with Velcro closure and it is also equipped with Lalzas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). They are provided with lifting loop and heavy duty D-ring for easier rescue.



Lalzas Advanced Lifejacket SOLAS

• **Model No.:** 70178

The work vest is specifically designed and constructed for use in the work environment. It is open on the side areas for light wearing and it features a polyester anti fire outer shell, while its buoyant material is soft PE. Its two waist webbings are adjusted by the stainless steel buckles, while the vest is fastened by using the stainless steel D-rings and hooks. It is provided with SOLAS retro reflective tapes. It has also a fabric pocket for placing tools or other light equipment. Approved to the latest European standards for 150N Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability. It is available in one adult size and in orange colour.





Lalizas Life jacket Omega 275N Auto with Harness

• **Model No.:** 71103

Inflatable Lifejackets Omega 275N, CE ISO 12402-2

The new range of Omega inflatable lifejackets 275N complies with ISO 12402-2. Omega gas inflation life jackets' slim fit, light weight design and rugged constructions are combined to form the ultimate in lifejacket technology. The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon red valise with Velcro closure and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). They are provided with lifting loop and heavy duty D-ring for easier rescue.



Lalizas Advanced Lifejacket SOLAS

• **Model No.:** 70178

The work vest is specifically designed and constructed for use in the work environment. It is open on the side areas for light wearing and it features a polyester anti fire outer shell, while its buoyant material is soft PE. Its two waist webbings are adjusted by the stainless steel buckles, while the vest is fastened by using the stainless steel D-rings and hooks. It is provided with SOLAS retro reflective tapes. It has also a fabric pocket for placing tools or other light equipment. Approved to the latest European standards for 150N Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability. It is available in one adult size and in orange colour.



Lalizas SOLAS 74 Lifejacket

- **Model No. : 70159**

Commercial grade lifejacket manufactured in accordance with SOLAS 74 requirements. Basic "yoke style" flotation designed to support an unconscious person and right them and position their face out of the water. Orange colour with signal whistle. Meets SOLAS 74 requirements for Type I flotation on commercial vessels.



Lalizas Adults Lifejacket SOLAS

- **Model No. : 70169**

SOLAS Lifejackets (L.S.A. Code)

Primarily aimed at the commercial market these cost efficient lifejackets have been accredited with CE approval certificates by Bureau Veritas. Available in child and adult sizes, with or without light.



Lalizas Inflatable L/Jacket Lambda Auto 150 N, SOLAS

- **Model No. : 71107**

Lalizas SOLAS inflatable lifejackets 150N comply with the latest SOLAS specifications for ultimate safety while on board. They feature twin chambers for double security. Each chamber can be inflated via Lalizas automatic operating head (20260, certified per ISO 12402-7), which can also be inflated manually and bears oral inflation tube incorporating Lalizas red pressure relief valves (20611, certified per ISO 12402-7). Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8), while the approved light Safelite by Lalizas (code 70280) can be added.



Lalzas Immersion Suit

- **Model No.: 70454**

Lalzas has designed its Immersion suit to protect you in situations where the danger of hypothermia is great, thereby greatly increasing your chances of survival. The Lalzas Immersion suit is made of reinforced neoprene and incorporates a face seal and flap, 3 fingered gloves, front waterproof zipper, ankle cuffs, neoprene pocket and retro-reflective tape. All these features have been designed to protect you against cold, without diminishing the freedom of movement. Exceeding the latest SOLAS specifications for hypothermia protection, it is ideal use on board ferries, offshore drilling rigs, rescue boats, man-overboard boats and for general commercial use.



Lalzas SOLAS Lifebuoy Ring

- **Model No.: 70090**

Lifebuoy ring Lalzas 70090 features an orange, rack hard, cross-linked polyethylene outer shell that will not deteriorate and is unaffected by extreme weather conditions CE approved to SOLAS (L.S.A Code) by G.L. Hamburg.



Lalzas Lifejacket LED Flash Light

- **Model No.: 72348**

- Water-Activated LED Flashlight Technology
- Extra powerful LED light
- ON-OFF button operation
- Durable Plastic Body
- Universal Size Clamp
- Inspection Friendly Label
- Alkaline Battery

ENVIRONMENT PROTECTION



Environment Protection



PW Spill 20 Litre Chemical Kit

• **Model No.: SM90**

New chemical control response kit. Smaller size allows conventional storage and easy portability to all areas that may need spill control. Excellent chemical and fluid retention for easy displacement of hazardous chemicals.

Kit contains:

- 2 x Sock • 20 x Pads • 1 x Bag Ties
- 1 x Yellow Disposable Bag
- 1 x Clear Clip Handle Bag
- 1 x Instruction & Contents Sheet
- **Brand: Portwest**



Elite™ Smoker's Cease Fire

Hide unsightly cigarette butts and reduce the risk of fire. Polyethylene construction features a large stainless steel snuffer that discourages use of top to put out cigarette. Keeps unit clean from stains. A steel pail inside removes for easy cleaning and can be fitted with optional bucket liner. Compact carton saves on shipping costs. Optional cable kit available for severe weather or security.



Flammable Cabinet (Self-Closing)

• **Model No.: SD60227F – 227L**

Double-wall construction with 38mm insulating air space for fire resistance. Over 1.2mm thick, fully welded, construction holds squareness for longer life, offering greater protection in a fire with 5.3cm leak tight sump at the bottom of cabinet's maximally catching incidental drips.

Environment Protection

Encon Single SCBA Wall Case

- **Model No.:** WC11Y10B
- Chemical and corrosion resistant materials of construction
- Rugged oversized hinges
- Bulb rubber door gasket
- Quarter turn handle and internal dual latch
- Highly visible graphics



Shelving	Equipment Retainer	Color	Graphics	Accessories
Molded Top Shelf	Strap	Yellow	Self Contained Breathing Apparatus	Window - Air Gauge Viewer

Encon ESCBA Wall Case (Dual)

- **Model No.:** 01339001
- Chemical resistant ABS plastic thermoformed construction
- Corrosion resistant external components
- Rugged oversized low friction hinges
- Bulb rubber gasket provides virtual air tight seal
- Stay clear acrylic window(s)
- Available in single or dual unit models
- Internal dual latch closure allows for two points of contact to help ensure door seal
- Quart turn handle provides for quick and easy access to case contents
- High visibility black graphics
- UV inhibitors to assure long lasting color
- Compatible with virtually every available ESCBA equipment



Shelving	Equipment Retainer	Color	Graphics	Accessories
Two Unit	Strap	Yellow door, black case	Escape Respirator	Windows in door



Encon Air Purified Respirator Wall Case

- **Model No. : 01338007**
- Chemical and corrosion resistant materials of construction
- Rugged oversized hinges
- Bulb rubber door gasket
- Quarter turn handle and internal dual latch
- Highly visible graphics

Size	Color	Graphics	Accessories
Mini	Yellow door, black case	Air Purified	Windows in door

ROAD SAFETY



Road Safety



Solar Flash Light

Save your money on Batteries, on Manpower and the Environment. Use Solar Flashing Lights that Charge during daylight and work from dawn to dusk.

Brand: Safety Plus World



Caution and Warning Tapes

Caution and warning tapes provide a visual barricade to block off designated areas. These caution and warning tapes block off potential hazards and are ideal for temporary use outdoors or permanent indoor warning.



Traffic Cones

Traffic cones are used to indicate, demarcate, warn or delineate an area. Road cones are also widely used for construction, mining, industry, traffic, police and military and in various sports as a training tool. Traffic cones are manufactured from flexible high visibility plastic material and a heavy base to keep the traffic cone upright and on the road.

Plastic Barricade

Strong polypropylene construction

- Never requires painting
- Will not rust, chip, dent or corrode like metal barriers

Available in six high visibility colors

- Different colors can be mixed to match corporate, team or school colors • Custom colors available

Multiple units can be interlinked to create a modular barrier

- Units stay connected together on flat or uneven surfaces
- Holes in the base for permanent anchoring



SAFETY SIGNAGE



Danger

This is a hazardous area

No unauthorised entry

**All visitors please
report to site office**



Safety Signage



Safety Signs

We carry in stock all kinds of Signs for Safety, Maintenance and facility identification for you to use in your work environment. These can be made on normal or reflective stickers for high visibility. We have our own Fabrication unit that can custom make metal poles and stands if required.



SECURITY PRODUCTS



Security Products

Metal Detectors

Garrett Metal Detectors is the global leader of walk-through, hand-held and ground search metal detection products and training for security and law enforcement applications and international airports. Garrett has the proven knowledge, experience and reliable products to meet your security needs.



Security Mirrors

We carry different types of inspection mirrors convex mirrors and indoor/outdoor mirrors.



LOCKOUT / TAGOUT



Lockout / Tagout



Lockout Tagout Tags, Labels & Signs

Lockout tagout tags, labels and signs will help you communicate safety and lockout information at the point of need. These tags, labels and signs come in a variety of materials and are available in OSHA-compliant Lockout/tagout (LOTO) formats. It is a great way to visually provide warnings and instructions for preventing unexpected machine start ups, and alert equipment operators about proper lockout procedures during maintenance and repair.

Safety Padlocks - Compact

With this Brady Safekey Padlock, you get up to 700% more unique key possibilities than a standard safety padlock. The unique cylinder is insulated to protect workers from shocks when the key is inserted. Its all in the forward-thinking design of the locking mechanism and unique key blade that gives you more precision and control in your lockout program.

- Easy operation with extra smooth key insertion and removal - even wearing gloves!
 - Fast identification with the color-matched key and lock body
 - Years of use with the low friction locking mechanism that helps maintain key integrity
 - Excellent durability in every industrial environment
- Locks are compact and lightweight and resist impact, temperature, chemicals, and corrosion. Their non-conductive, non-sparking body features a ribbed design for easier gripping and handling. 1 key supplied with each lock. Key retaining (Key won't release until the padlock shackle is securely closed)

Available Shackle Heights: 25mm, 38mm, 50mm, 75mm





Labels for Safety Padlocks

- **Model No. : 051379**

Safety padlock labels help send a clear message to workers when a machine is down for service or maintenance. Labels are designed to fit Brady Safety Padlocks and are supplied with text in English, French and Spanish as standard.



Portable Padlock Station

- **Model No. : 811218**
- Holds up to 10 padlocks, 6 lockout hasps and 10 tags
- Made from polypropylene: light and rustproof
- Pre-drilled holes: easy to mount on wall
- Station is supplied without contents



Butterfly Valve Lockout

Can be used to lock a butterfly valve in the OFF position by clamping down on the handle so that it may not be engaged or moved.

- Available in two sizes
- 121504 Small Butterfly Lockout For valve handle
- 121505 Large Butterfly Lockout For valve handle

Miniature Circuit Breaker

A safe and effective method for locking out European circuit breakers as it fits most of their existing types.

Miniature Breaker Lockout unique in its kind = requires NO TOOLS to install

- The lockout easily installs with the aid of a Push Button
- The Tie-Bar Style Lockout has a convenient thumb wheel for quick application
- Suitable for single and multi-pole breakers
- Made from glass-filled nylon
- Available in single or six pack
- 1 padlock can be applied
- 090847 Miniature Circuit Breaker Lockouts - Pin-In
- 090844 Miniature Circuit Breaker Lockouts - Pin-Out
- 090850 Miniature Circuit Breaker Lockouts - Pin-Out
- 090853 Miniature Circuit Breaker Lockouts - Tie-Bar



Combined Lockout & Lock Box Station (Box Only)

- **Model No. : 099708**
- Powder-coated metal yellow cabinet
- Lockout safety tips printed on inside of door
- Lock Box attaches to bottom of cabinet, accommodates 8-10 locks (depending on size)
- Comes with one adjustable shelf (extra shelves available)
- Lockout cabinet is capable of being locked closed and can easily be wall mounted using pre-drilled holes in back
- Cabinet dimensions: (H) 406 x (W) 355 x (D) 152 mm
- Lock box dimensions: (H) 152 x (W) 381 x (D) 76 mm





Safelex™ Universal Cable Lockout Device

- **Model No.: 145554**
- Secure Multiple Energy Disconnects with Versatile Group Lockout Hasp
- Safety hasp-shaped body clearly identifies the equipment lockout application
- Lightweight for easy handling, carrying, operation and storage
- Versatile to lock out multiple electrical or valve energy isolation points
- Effectively lock out diverse shutoff configurations
- Complete the lockout by securing 1 to 6 safety padlocks to the locking body
- Cable can be tightened to remove slack even when locked
- Designed to withstand a wide range of environmental conditions



Original Cable Lockout

Brady's original, patented cable lockout device is perfect for your difficult lockout situations such as large gate valves or oversized devices.

- Simply squeeze device to tighten cable, insert your padlock to secure the handle and you're done
- Body is made of impact modified nylon
- Available in several colors
- Comes with galvanized steel cable (non-coated)

045191 Original Cable Lockout Blue

045192 Original Cable Lockout Yellow

065318 Original Cable Lockout Red

Lockout / Tagout



Pro-Lock II Cable Lockout Device

This is a complete isolation safety system, ideal for securing valves or industrial machinery and can only be opened and locked by using a special operating tool (to be ordered separately).

- Polypropylene Moulding & Stainless Steel
- UV Stabilised
- Temperature resistance range: -50 °C to 55 °C
- Vinyl coated cable

225203 Pro-Lock device with cable Red

225204 Pro-Lock device with cable Green

225205 Pro-Lock device with cable Yellow



Lockout Satchel

- **Model No. : 806200**
- Made of 1000 denier red cordura nylon with a 95 cm shoulder strap
- Includes latchable front pocket and two side mesh holders



Lock Boards

Brady's high visibility lock boards make your locks, tags and lockouts easy to find and use. Built for the toughest conditions, these lock boards are made of durable plastic material.

- 050989 5-Lock Board
- 050990 10-Lock Board
- 050991 20-Lock Board
- 050992 36-Lock Board

Coloured Nylon Ties

Coloured nylon ties provide you with an option of colour coded application.

- 622647 Natural • 622680 Blue • 622681 Green
- 622682 Orange • 622683 Violet • 622684 Red
- 622685 Yellow • 622613 Black • 622647 Natural
- 229956 Blue • 229957 Red • 229958 Orange
- 229959 Yellow • 229960 Green • 229961 Violet



Personal Padlock Kit

- **Model No.: 873872**

Convenient way to carry padlocks (2 in kit), hasps and keys.

- The pouch has a clear plastic face to display identification
- The heavy duty retractable key holder features a Kevlar cord with split ring attachment, and is extendable to 1200 mm
- Key holder can be attached to the pouch or can be used on its own!



Brady Label Printer 300 dpi

- **Model No.: BBP™12**

The BBP™12 Label Printer is an entry level benchtop label printer for cable, component, product and laboratory sample identification that offers great value for money. The compact BBP12 offers a high print speed of 100 mm/second and can handle a wide range of highly durable and specialised Brady identification labels.



Article No.	Order Reference
198600	BBP12-UK with Unwinder and Brady Workstation PWID Suite
198599	BBP12-UK with Cutter, Unwinder and Brady Workstation PWID Suite





Industrial Label Printer with Wi-Fi

- **Model No.: i3300**
- Mid-volume industrial label printer ideal for identification throughout your facility, including everything from wires and panels to safety and facility labels
- Print smart technology allows the printer to print on the first label – even sleeves and small labels
- Changeovers in a flash – foolproof drop-in label rolls and ribbons snap into place in 20 seconds
- Talk about options, this printer prints on more than 825 parts and 70 material options for facility-wide identification
- Add one of the Brady Workstation Software Suites to your solution and make label creation even easier
- Setup is stress free – Contact our Brady Technical Support Team and we will schedule a free phone setup appointment



Portable Label Printer

- **Model No.: BMP41**
- The BMP®41 portable Label Printer is a mid-range handheld labelling solution that can print up to 300 labels per day. Not only that, but it can print die-cut or continuous labels up to 1" wide. This printer is a rugged device that withstands harsh conditions. Whether it is sweltering or frigid, it will get the job done where you need it. Also, it is built with additional protection to survive falls of up to six feet high. With an ergonomic design, long rechargeable battery life and easy-to-use features, this printer is engineered for the worker on-the-go.
- 41 Label PrinterPart #BMP41

BradyJet Colour Label Printer

- **Model No.: J2000**

The BradyJet J2000 prints on Brady's reliable indoor sign, tag and label materials that stay attached and remain legible when exposed to liquids, alcohol and indoor lighting. They can be counted on to warn coworkers about hazards, or to instruct them on the optimal use or maintenance of machinery.



BradyJet Colour Label Printer

- **Model No.: J5000**

The BradyJet J5000 Colour Label Printer enables you to create full colour indoor signs and labels on demand. These will help you to offer important safety and lean information right where employees need to see it.

Easily create the full colour labels and signs needed with the BradyJet J5000 Colour Label Printer to communicate safety information, procedures, facility identification and a variety of other applications to reduce workplace accidents and to increase productivity.



BradyPrinter Mobile Label Printer

- **Model No.: M611**

The BradyPrinter M611 Mobile Printer announces a new chapter in the ongoing evolution of identification. Easily design the most complex labels in the field using only your smartphone and Brady's free Express app before printing on reliable, industrial grade label materials with the M611 Mobile Printer.





Brady Sign & Label Printer

- **Model No.: S3100**

With the S3100 Sign & Label Printer, you can print a wide range of signs and labels to increase safety and efficiency in any workplace. Safety signs, floor marking, 5S labels, lean labels, labels to identify racks, doors, stairs, bins, desks and chairs and CLP-labels to identify chemicals can all be printed with the S3100 at your location whenever you need them.

- Label making made easy
- Automatic label setup
- 20-second material changeovers
- 76.2 mm per second print speed
- Weight: 8.8 kg
- Size: 22.5 H x 30.5 W x 28 D cm
- Keyboard Type: Full size fold down keyboard
QWERTY, AZERTY, QWERTZ, CYRILLIC
- Min. Label Width: 1.27 cm
- Max. Label Width: 10.1 cm
- Internal Memory Capacity: 300 MB

Includes: S3100 Printer, Power Cord, USB Cable, Cleaning Kit, Cutter Cleaning Tool, Quick Start Guide, Stylus and Mouse



EXPLOSION PROOF PRODUCTS



Explosion Proof Products



Nightstick Intrinsically Safe Permissible Flashlight

• Model No.: XPP-5420G

This flashlight is cETLus, ATEX, IECEx, INMETRO and MSHA listed Intrinsically Safe Permissible. It uses a LED rated at 140 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 180 meters.

- Momentary or constant-on flashlight
- Sharp focused beam for distance illumination
- Engineered polymer housing
- Dustproof / Waterproof
- Impact & chemical resistant
- Built-in pocket/belt clip
- Includes removable lanyard



Nightstick X-Series Intrinsically Safe Flashlight

• Model No.: XPP-5420GX

This flashlight is cETLus, ATEX, IECEx and INMETRO listed Intrinsically Safe for use in both above and below ground hazardous locations where explosive gases and dusts may be present. The XPP-5420GX uses a LED rated at 210 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 187 meters.

- Momentary or constant-on flashlight
- Sharp focused beam for distance illumination
- Engineered polymer housing
- Dustproof / Waterproof
- Impact & chemical resistant
- Built-in pocket/belt clip
- Includes removable lanyard

Explosion Proof Products



Nightstick Intrinsically Safe Penlight

• Model No.: XPP-5412G

This 3AAAA penlight is cETLus, ATEX and IECEx listed Intrinsically Safe. It is ultra-compact and super slim with a powerful light output designed to illuminate very tight spaces. The tail-cap switch provides momentary or constant-on functionality. Power comes from 3 AAAA batteries (included).

- LED technology – 50,000 + hours LED life
- Momentary or constant-on flashlight
- Sharp focused beam for illuminating tight spaces
- Engineered polymer housing
- Dustproof / Waterproof
- Impact & chemical resistant
- Built-in pocket/belt clip



Nightstick X-Series Intrinsically Safe Flashlight

• Model No.: XPP-5418GX

This Flashlight is cETLus, ATEX, IECEx, and INMETRO-certified Intrinsically Safe for use in both above and below ground hazardous locations where explosive gases and dust may be present. The XPP-5418GX uses a LED rated at 200 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 143 meters.

- LED technology – 50,000 + hours LED life
- Momentary or constant-on flashlight
- Sharp focused beam for distance illumination
- Polymer housing
- Tail switch
- Dustproof / Waterproof
- Impact & chemical resistant
- Meets requirements of NFPA-1971-8.6 (2013)



Explosion Proof Products



Intrinsically Safe Permissible Dual-Light™ Flashlight

• Model No.: XPP-5422G

This 3 AA Dual-Light™ Flashlight is cETLus, ATEX, IECEx, INMETRO and MSHA listed Intrinsically Safe Permissible. It uses a LED rated at 120 lumens that works in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 170 meters.

- Flashlight – Floodlight – Dual-Light™
- Momentary or constant-on flashlight
- Sharp focused flashlight beam for distance illumination
- Built-in pocket/belt clip
- Unfocused wide-beam floodlight for close-up illumination
- Includes removable lanyard
- Dual-light (flashlight & floodlight at same time) for maximum versatility
- Dual body switches



INTRANT™ Intrinsically Safe Dual-Light™ Angle Light

• Model No.: XPP-5566GX

The INTRANT™ Intrinsically Safe Angle Light is a Flashlight, a Floodlight and a Dual-Light Angle Light that is cULus, ATEX, IECEx, and INMETRO certified Intrinsically Safe. The INTRANT's flashlight pivots 90 degrees up and down with a 45 degree downward angled floodlight. The flashlight setting offers user-selectable brightness settings of 200, 110 and 60 Lumens with a 401-meter beam distance.

- 8 User-selectable brightness settings for the Flashlight and Floodlight including a 20 Lumen Survival Mode
- Dual body switches
- Battery charge status indicator (for use only with rechargeable battery)
- 3 AA batteries (included)
- Meets requirements of NFPA-1971-8.6 (2013)
- Upgradeable to rechargeable by adding Lithium-ion Battery Pack, Charger and AC and/or DC Power Supply

Explosion Proof Products

Intrinsically Safe Rechargeable Dual-Light™ Flashlight w/Dual Magnets

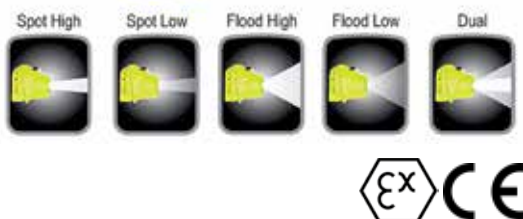
• Model No.: XPR-5522GMX

The XPR-5522GMX Rechargeable Dual-Light™ Flashlight w/Dual Magnets is cETLus, ATEX, IECEx, and MSHA listed Intrinsically Safe Permissible for use in both above and below ground hazardous locations where explosive gases and dusts may be present. It uses an LED rated at 240 lumens that work in conjunction with a high-efficiency deep parabolic reflector to create a usable flashlight beam rated at 178 meters. A 175-lumens unfocused floodlight is integrated into the housing which is perfect for close-up illumination. cETLus, ATEX, IECEx and MSHA listed Intrinsically Safe Permissible

- Flashlight / Floodlight / Dual-Light™
- Momentary or constant-on flashlight
- Sharp focused flashlight beam for distance illumination
- High-efficiency deep parabolic reflector
- Effective beam distance of 178 meters
- Unfocused wide-beam floodlight for close-up illumination
- Dual-Light (flashlight & floodlight on at the same time) for maximum versatility & user safety
- Powerful integrated magnets built into the base and pocket clip for multiple hands-free options
- Engineered polymer housing • Non-slip grip
- Dual body switches • Built-in pocket/belt clip
- IP-67 Dustproof / Waterproof
- Impact & chemical resistant
- Includes wall/vehicle mountable charger, AC/DC power supplies & removable lanyard
- Integrated Lithium-ion rechargeable battery (included)



Explosion Proof Products



Nightstick Intrinsically Safe Multi-Function Dual-Light™ Headlamp

• Model No.: XPP-5454G

This 3 AAA Multi-Function Dual-Light™ Headlamp is cETLus, ATEX, INMETRO and IECEx listed Intrinsically Safe. This headlamp features a multi-position tilt-head design and includes an elastic head strap with a non-slip lining and a heavy-duty rubber head strap for use on a hard hat.

- High/low-brightness spotlight, high/low-brightness floodlight & Dual-Light™
- Focused spotlight beam for distance illumination
- Wide unfocused floodlight beam for close-up illumination
- Dual switches located on top of light
- Adjustable ratchet tilt head



Nightstick X-Series Intrinsically Safe Low-Profile Dual-Light™ Headlamp

• Model No.: XPP-5460GX

This X-Series Intrinsically Safe Low-Profile Dual-Light™ Headlamp is cULus, ATEX and IECEx listed Intrinsically Safe and is designed specifically to work on fire helmets and hard-hats that have a flip-up face shield.

- Focused high/low-brightness spotlight beam for distance illumination
- Unfocused high/low-brightness wide-beam floodlight for close-up illumination
- Dual-Light™ (spotlight and floodlight on at the same time) for maximum versatility
- Dual switches located on front of light
- Adjustable tilt head
- Powered by 3 AAA batteries (included)



Explosion Proof Products

DICATA™ Intrinsically Safe Low-Profile Dual-Light™ Headlamp

- **Model No.: XPP-5462GX**

The DICATA™ Intrinsically Safe Low-Profile Dual-Light™ Headlamp is cULus, ATEX and IECEx listed Intrinsically Safe and is designed specifically to work on fire helmets and hard-hats that have a flip-up face shield.

- Focused high/low-brightness spotlight beam for distance illumination
- Dual-Light™ (spotlight and floodlight on at the same time) for maximum versatility
- Dual switches located on front of light
- Adjustable tilt head
- Amber-colored rear-facing LED
- Heavy-duty rubber strap for fire helmets and hard hat applications



Nightstick Intrinsically Safe Dual-Function Headlamp

- **Model No.: XPP-5450G**

This 3 AAA dual-function headlamp is cETLus, ATEX, INMETRO and IECEx listed Intrinsically Safe. This headlamp features a multi-position tilt head design and includes an elastic head strap with a non-slip lining and a heavy-duty rubber head strap for use on a hard hat.

- High-brightness spotlight, low-brightness spotlight
- Focused spotlight beam for distance illumination
- Single switch located on top of light
- Adjustable ratchet tilt head
- Dustproof / Waterproof
- 3 AAA alkaline batteries (included)



Nightstick Viribus™ Intrinsically Safe Dual Light Lantern

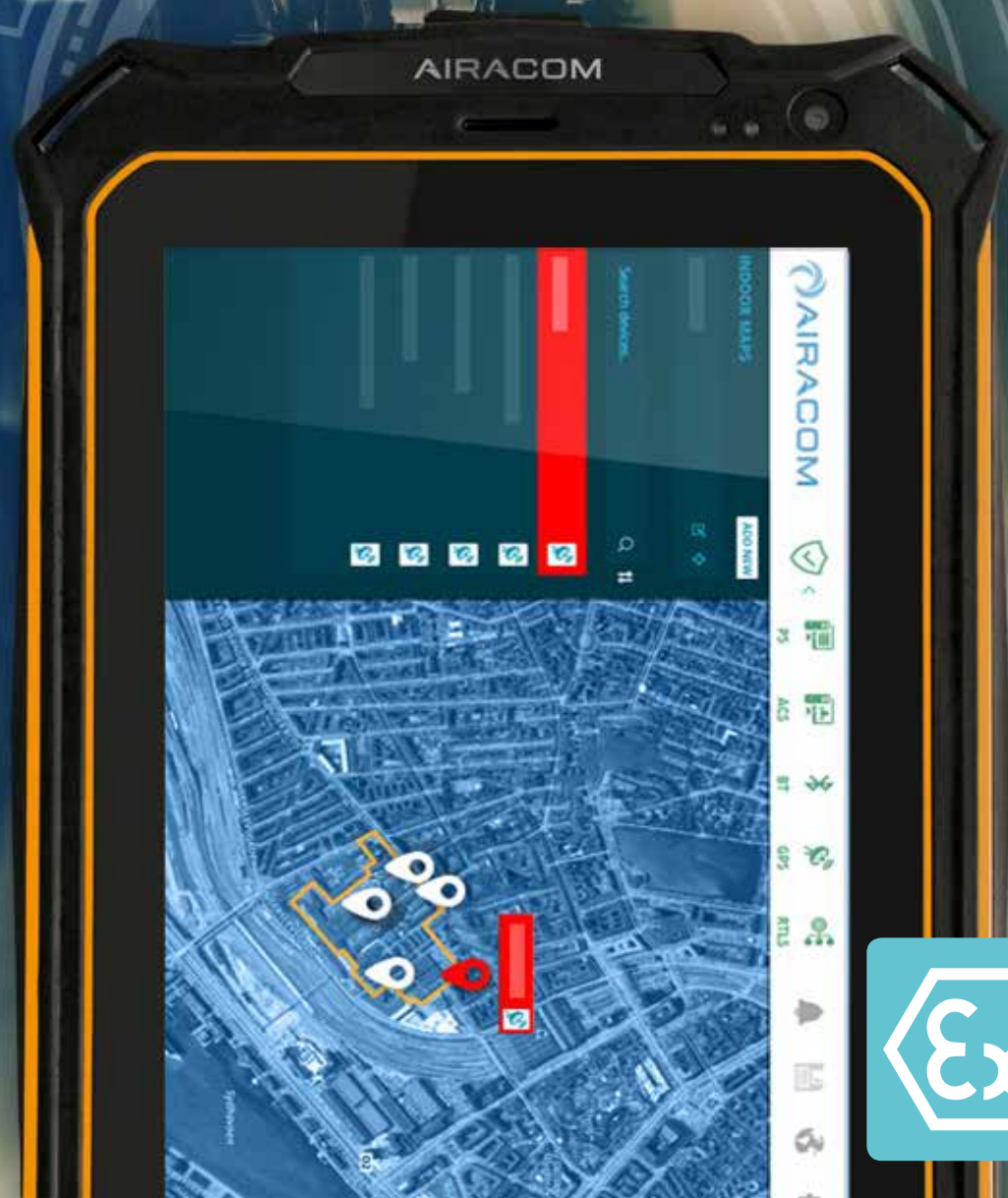
• **Model No.: XPR-5580G**

The VIRIBUS™ Intrinsically Safe Dual-Light™ Rechargeable Lantern is a Flashlight, a Floodlight and a Dual-Light that is cULus, ATEX, and IECEx certified intrinsically safe. The flashlight setting offers 3 user-selectable brightness settings of 210, 100 and 30 lumens with a 635-meter beam distance.

- LED Technology
- cULus, ATEX, and IECEx certified Intrinsically Safe
- Flashlight / Floodlight / Dual-Light™
- Dual-light (both the flashlight & floodlight on at the same time) provides for maximum lighting versatility and user safety
- Dual body switches
- IP-67 Dustproof / Waterproof
- Impact & chemical resistant
- Meets requirements of NFPA-1971-8.6 (2013)
- Charger meets requirements of NFPA-1901-14.1.10.2 (2016)
- Serialized for personal identification
- Lithium-ion battery (included)



EXPLOSION PROOF PRODUCTS



Explosion Proof Products




AIRACOM IS-520.1

IS520.1 intrinsically safe smartphone with Android 7.1 and powered by the latest Qualcomm Snapdragon 625 processor for blazing speed, 4G LTE, and WiFi with Hotspot

- Available with or without camera
- Android 7.1 with touchscreen / 4.5" Screen

Certification

 ATEX Zone 1/21 II 2G, GAS Ex ib IIC T4 Gb II 2D, DUST Ex ib IIIC T135°C Db IP6X




AIRACOM IS-320.1

IS320.1 intrinsically safe smartphone with keypad and touchscreen. Powered by Android 4.4 with, 3G GSM, WCDMA, WiFi and unlocked for global use. Available with or without camera) Android 7.1 with touchscreen / 2.4" Screen

- Available with or without camera
- Android 4.4 with touchscreen and keypad / 2.4" Screen

Certifications

 ATEX Zone 1/21 II 2G Ex ib IIC T4 Gb II 2D Ex ib IIIC T135°C Db IP64





AIRACOM IS520.2

IS520.2 intrinsically safe smartphone with Android 7.1 powered by latest Qualcomm Snapdragon 625 processor for blazing speed, 4G, LTE & Wifi with Hotspot

Certifications

⊕ ATEX Zone 2/22 II
II 3G Ex ic IIC T4 Gc IP64
II 3D Ex ic IIIC T135°C



AIRACOM IS-310.2

IS310.2 intrinsically safe smartphone with Android 4.4, 3G and WiFi. IS-310.2 atex mobile phone designed for industrial zone 2 hazardous locations.

- Available with or without camera
- Entry level Android smartphone with keypad / 2.4" Screen

Certifications

⊕ ATEX Zone 2/22
II 3G Ex ic IIC T4 Gc IP54
II 3D Ex ic IIIB T135°C Dc IP54



Explosion Proof Products



AIRACOM AEGEX 10 Tablet

The AEGEX-10 is the premium industrial tablet built for zone 1 and Class 1, Division 1 hazardous areas. Combining modern design, high-performance technology & rugged durability. It embraces necessary safety functions such as; SOS emergency call function, LWP (Lone Worker Protection and Enterprise security with Airacom's Article12 encrypted voice and messaging. 4G LTE + WLAN / 128GB (108GB useable memory) + up to 2TB SD-Card expansion

Certifications

 ATEX Zone 1

II 2G Ex ib IIC T6 Gb, Tamb = -10°C...+50°C

II 2D Ex ib IIIC T85°C Db IP6X, Tamb = -10°C...+50°C

I M2 Ex ib I Mb, Tamb = -10°C...+50°C



AIRACOM IS-910.1 Tablet

The IS910.1 hazardous area tablet designed for hazardous area professionals operating across some of the worlds most hazardous environments. 4G LTE + WLAN / 32GB (24GB useable memory) + up to 32GB SD-Card expansion

Certifications

 ATEX Zone 1

II 2G Ex ib IIC T4 Gb

II 2D Ex ib IIIC T135°C Db IP6X



PUSH TO TALK



Push to Talk Platform



AIRACOM TE390 LTE POC Smart-Radio

Intuitive OLED display, and long battery-life with simple push-to-talk functionality. Making the TE-390 LTE POC Radio, the ideal solution across public security, law-enforcement, emergency services, logistics and health-care professionals.

Features

- Compact
- One Hand Operation
- Support GSM, 3G, 4G/LTE, WiFi Networks
- GPS Capability as Standard
- Durable IP67, Tested to 1.5 Meter Drop Tests
- Long Lasting 3600 mAh Battery for Extended



AIRACOM TE590 4G-LTE PTT Smart Radio

The Ultra Rugged TE590 effortlessly combines mobile connectivity and industrial design for a better mobile working experience. Enlarged system icons, large tactical Push-to-Talk side button, and wide-area mobile coverage across GSM, 3G, 4G LTE, is the ideal mobile communications solution for public safety, utilities, law enforcement, logistics and mining professionals.

Features

- Compact
- One Hand Operation
- Support GSM, 3G, 4G/LTE, WiFi Networks
- GPS Capability as Standard
- Durable IP67, Tested to 1.5 Meter Drop Tests
- Long Lasting 3600 mAh Battery for Extended Field-Use



Realwear Intrinsically Safe hands-free Android

- **Model No.: HMT-1Z1®**

World's first intrinsically safe, hands-free Android™ tablet class wearable computer for industrial workers.

The RealWear™ HMT-1Z1™ is an intrinsically safe ATEX Zone 1 and CSA C1/D1 certified fully rugged head-mounted device. Use it in wet, dusty, hot, dangerous and loud hydrocarbon environments. It optionally snaps into safety helmets or attaches to bump caps and can be used with safety glasses or corrective eyewear.

The high-resolution micro display fits just below your line of sight and views like a 7" tablet. It's an industrial dashboard: there when you need it and out of your way when you don't.

The HMT-1Z1 works with powerful software applications from our solution partners in four core categories, each optimized for completely hands-free voice control. That means no scrolling, swiping, or tapping – just simple voice commands. Use it for remote mentor video calling, document navigation, digital workflow, mobile forms and industrial IoT data visualization.

ATEX	II 2G Ex ibIIC T4 Gb II 2D Ex ibIIIC T135°C Db IP6X
IECEX	ECEEx ib IIC T4 Gb Ex ib IIIC T135°C Db IP6X
NEC500	Class I, Division 1, Groups A, B, C, D T4 Class II & III, Division 1, Groups E, F, G T4



Realwear Hands-free Android

- **Model No.: HMT-1**

World's first hands-free Android™ tablet class wearable computer for industrial workers.

The RealWear® HMT-1 provides the foundation for Connected Worker programs. Use it in wet, dusty, hot, dangerous and loud industrial environments. A fully rugged head-mounted device, it optionally snaps into safety helmets or attaches to bump caps and can be used with safety glasses or corrective eyewear.

The high-resolution micro display fits just below your line of sight and views like a 7" tablet. It's an industrial dashboard: there when you need it and out of your way when you don't.

The HMT-1 works with powerful software applications from our solution partners in four core categories, each optimized for completely hands-free voice control. That means no scrolling, swiping, or tapping – just simple voice commands. Use it for remote mentor video calling, document navigation, guided workflow, mobile forms and industrial IoT data visualization.



STRETCHERS





Spencer Shell Universal Basket Stretcher

- **Model No.:** ST04000A

Spencer Shell is a basket stretcher intended for recovery of patients where other devices would be difficult to use. Typical uses are water rescue, recovery by ground hoisting, fast recoveries and transfers that require side impact protection.

- The single shell body makes it extremely safe and easy to handle
- The perimetral frame provides rigidity and allows to have a firm grip on the handles
- Equipped with rings for hooks fixing
- Perimetral rope to fix belts or accessories
- The shape of the inferior part reduces friction during ground dragging procedures
- Mattress to increase patient comfort
- L x W x H - 2150 x 650 x 200 ± 10 mm
- Materials PE, PP, Al
- Weight (without standard equipment) 12.5 ± 0.5 kg
- Loading capacity 280 kg
- Standards: Class I Med. Dev. according to Dir. 93/42/CEE



Spencer Foldable Stretcher

- **Model No.:** ST30100A

Foldable stretcher with ground supports for patient recovery and transfer to a main stretcher or other transport device.

- Extremely lightweight and durable structure
- Very low storage space required
- Lengthwise foldable • Easy to clean sheet
- The handles offer a firm grip
- Load capacity: 170 kg
- Measurements: 2010 x 480 x 140 mm
- Standards: Class I Med. Dev. according to Dir. 93/42/CEE



Spencer Scoop Stretcher

• **Model No.:** ST05001

Spencer SX is a pickup stretcher with three blades for lifting and loading of patients on immobilizing or transport devices such as spinal boards, vacuum mattresses or transport stretchers.

- Extremely light and resistant structure
- The possibility to adjust the length confers high versatility
- Smooth surfaces easy to clean
- Foldable to save space when stored
- The numerous handles make the transport easier
- Aluminum joints for maximum resistance
- Adjustable lengths: 1660 mm, 1780 mm, 1900 mm, 2050 mm
- Weight: 7.9 kg • Load capacity: 170 kg
- **Standards:** Class I Med. Dev. according to Dir. 93/42/CEE



Spencer Total Recovery Stretcher

• **Model No.:** ST04090

Total is the strongest versatile and compact rescue stretcher on the market. It is made with a particularly robust and durable plastic on which has undergone a special thermal treatment that improves the elastic memory feature.

- Belts for towing and lifting
- A system of belts for the assembling of the stretcher and subsequently folding before replacing it in the bag
- A system of additional handles for the transport of heavy patients by four or eight operators
- Aluminum hook to allow for lifting
- Transport bag in nylon Ripstop
- Hoisting harness in nylon
- Dimensions 2430 x 920 x 3 mm
- Material: Polyethylene • Hoisting harness in nylon
- Weight: 6 Kg +/- 0.5 kg • Load capacity: 200 kg
- **Standards:** Class I Med. Dev. according to Dir. 93/42/CEE





Spencer Evacuation Chair

- **Model No.: SK20003E**

SKID-OK is an evacuation chair ideal for transfers on descending stairs thanks to the handle on the rear side and slide system with belts. The four wheels also allow the transport on the plane surface.

- PVC sheet easily cleanable equipped with quick release buckles to adjust the tension
- Footrest
- Front wheels pivoting with brake
- Rear wheels of large diameter to increase the sliding
- Mobile headrest sheet to adapt to the patient's height
- Reduced storage dimensions
- Height with extracted handle 1540 ± 10 mm
- Height with handle closed 1040 ± 10 mm
- Length: 900 ± 10 mm
- Width: 520 ± 10 mm
- Thickness folded: 175 ± 10 mm
- Weight: 10 ± 1 kg
- Loading capacity: 150 kg
- Material: Al, PVC, PE, PU
- Front wheels \varnothing 100 mm
- Rear wheels \varnothing 150 mm
- Standards: Class I Med. Dev. according to Dir. 93/42/CEE

DERMATOLOGICAL PPE

INNOVATIVE 3-STAGE SYSTEM:

- PROTECTION
- CLEANSING
- REGENERATION



Driza
PROTECTION • CLEANSING • CARE





Riza® Skin Care Cream

- **Model No.: Basic Care**
- Skin recovery after contacting with adverse substances both water-based & non water-based
- The cream enhances the protection function of the skin
- The product efficiency is proved by independent laboratory investigations
- The product is completely safe, has good skin compatability and doesn't cause allergic reactions
- The cream softens the skin, prevents irritation and redness
- The product effect lasts 4 hours and longer according to inner tests by Skincare
- The product can be used for hands, face & body
- Suitable for all skin types
- Quick absorption, easy distribution
- Compliance with REGULATION of the European Parliament and of the Council (EC) No 1223/2009 on cosmetic products



Riza® Barrier Cream

- **Model No.: Duo Protect**
- Generates a protective reliable & intangible layer on the skin without preventing it from breathing freely
- The product efficiency is proved by independent laboratory investigations
- The product is completely safe and doesn't provoke allergic reactions
- The product effect lasts 4 hours and longer according to inner tests by Skincare
- The product can be used for hands, face, body
- Suitable for all kinds of skin
- Quick absorption, easy distribution, no sticky after-feel
- Compliance with REGULATION of the European Parliament and of the Council (EC) No 1223/2009 on cosmetic products

Riza® Barrier Cream

- **Model No.: Oil Protect**
- Generates a protective layer on the skin without preventing it from breathing freely
- Provides high quality of cleaning the skin from contaminants after work
- The product efficiency is proved by independent laboratory investigations
- The product is completely safe and doesn't provoke allergic reactions
- The product effect lasts 4 hours and longer according to inner tests by Skincare
- The product can be used for hands, face, body
- Suitable for all kinds of skin
- Quick absorption, easy distribution, no sticky after-feel
- Compliance with REGULATION of the European Parliament and of the Council (EC) No 1223/2009 on cosmetic products



Riza® Skin Cleansing Paste

- **Model No.: Optima Clean**
- Easy and quick removal of tough impurities without any damage to the skin
- Prevents skin from transepidermal loss of water that is proved by clinical testing
- The product efficiency is proved by laboratory investigations
- The product is completely safe and doesn't provoke allergic reactions that is proved by independent European laboratory
- Provides careful cleansing with help of special cosmetics abrasive – polyethylene scrub of fine fraction with round form of particles, preventing skin from scraping
- Compliance with REGULATION of the European Parliament and of the Council (EC) No 1223/2009 on cosmetic products





Riza® Barrier Deodorizing Spray

- **Model No.: Foot Spray**
- The product is completely safe and doesn't provoke allergic reactions that is proved by independent European laboratory
- Antifungal and deodorizing ingredients prevent the fungus diseases
- The deodorizing effect lasts 8 hours and longer according to inner tests by Skincare
- Has a pleasant fragrance
- Recommended for usage when wearing specialized shoes for work
- Suitable for regular usage
- Leaves no sticking after feel
- Free from parabens
- Compliance with REGULATION of the European Parliament and of the Council (EC) No 1223/2009 on cosmetic products



Riza® Liquid Cream Soap

- **Model No.: Premium Handwash**
- Gently and softly cleanses the skin
- The soap moisturizes the skin
- Product efficiency is proved by laboratory investigations
- The product is completely safe and doesn't provoke allergic reactions that is proved by independent European laboratory
- Easy to rinse in water of any hardness
- Is recommended for everyday usage
- High foam formation
- Compliance with REGULATION of the European Parliament and of the Council (EC) No 1223/2009 on cosmetic products

ENGINEERED SOLUTIONS



Engineered Solutions

Edelhoff Life Support System 2020

Technical Information

The Edelhoff Life Support Systems guarantee safe working in non-breathable atmospheres. They basically comprise of a breathing air monitoring console and an Anti-Panic Helmet, which was originally developed by NASA.

The essential components of our LSS are:
Integral personal breathing helmet with antipanic lock and three air-lines operating independently of one another



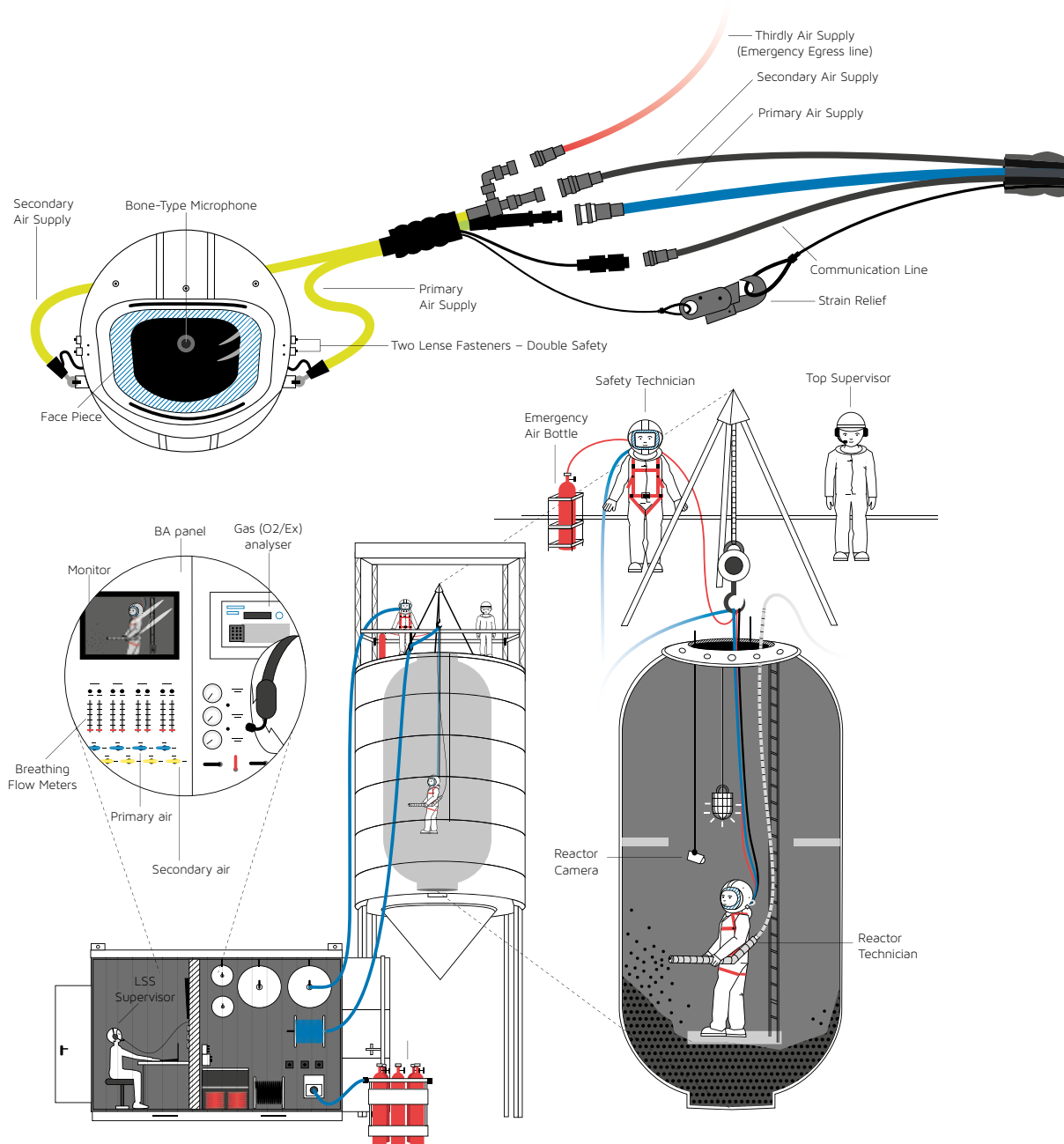
- Integral communication system between operator under helmet, safety man under helmet (stand-by) and supervisor in control unit with the breathing air console
- Overpressure air supply system for four technicians simultaneously
- Documentation system (DVD/USB, recording unit)
- The LSS is either mounted in a vehicle, in a tandem trailer, or it is delivered as a mobile system in transport cases.



LIFE SUPPORT SYSTEM (LSS)

Integral Anti-Panic Breathing Air Helmet

With redundant primary & secondary
& Egress air supply and full communication



Mobile High-Performance Vacuum Units

Technical Information

Edelhoff was the first enterprise to develop high performance vacuum suction units in container design.

Our mobile systems are incorporated in 20" containers. They have permission to be transported on the road, by rail, by sea and by air. Optionally they are available on a swap trailer, as a trailer, or as a fixed superstructure.

Edelhoff vacuum units are equipped with fine filters, discharge lock, nitrogen recirculation and cooling for works accomplished under nitrogen conditions.



Flexible application:

Our mobile vacuum units are being designed and developed for the flexible and independent use at a wide variety of locations. Fitted with the very latest type of low-emission diesel engines with a drive power of up to 200 kW Lionair vacuum units perform to your requirements most reliable, even under the most difficult working conditions.

The particular advantages are:

- Multi-stage blower, depending on its size also executed as pre-initial inlet blower
- Compact and powerful filter separator; expandable and height-adjustable
- Integrated, vacuum-tight bulk solids sluice – ideal for continuous discharging of the aspirated product, especially during the active vacuum process



Samples of Application:

Mobile vacuum unit Type - Lionair Vac 8000 Ex

Diesel drive

Drive power 200 kW

Volume flow 9600 m³/h

With dust explosion-proof in accordance to VDI 2263-3/3673 – in application for the safe removal of substances including coal dust within power plants

Mobile Container vacuum unit Type - Lionair Vac 8000 C2

Diesel Drive

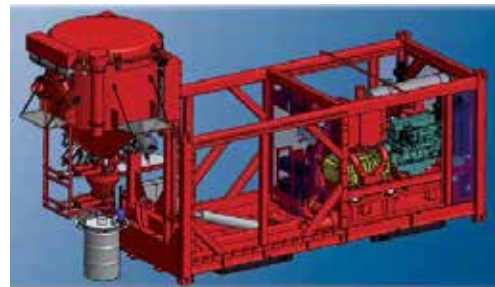
Drive Power 200 kW

Volume Flow 9600 m³/h

In application for dedusting of diverse industrial catalyst materials at refineries and for disposal of waste substances for general industrial cleaning purposes

Special feature:

Extremely robust and compact design, built into a 20" Euro-Container incl. CSC-approval for road, rail, sea and air transport



Edelhoff Dense Loading System 2020

Technical Information

You can now make use of our technically optimized and job tested new generation of Edelhoff Dense Loading Machines (DLM) for your reactor loading! It preserves your valuable catalyst better than ever and thus extends the material's period of use. Our tried and tested DLM, which has been continuously developed since 2002, ensures that the catalyst material is distributed evenly, smoothly and dust-free in the reactor. It results in the desired homogeneous and tight sealing of the individual catalyst particles with a significantly higher filling volume. The continuous control of the inflow quantity and rotary speed of the filling motor as well as the length and shape of the flexible, star-shaped product deflector which is arranged over several layers guarantee a sparing and economic loading for each reactor bed size.



Benefit from experience!

All practical application experiences are incorporated into the DLM Generation 2020:

- Our customers have carried out globally-successful reactor loadings with Edelhoff Dense Loading Systems for almost ten years
- The Edelhoff Dense Loading Technology was constantly reviewed and further developed in cooperation with the customers
- The qualitative high-grade theoretical education and the practical on-the-job training for operators were implemented thoroughly
- Not to forget, our name stands for more than 50 years of technical experience in handling diverse bulk goods. As a result, the DLM Generation 2020 offers you an individual system which:
- Is even better protected against breakdowns through dust and damage in transit
- Can be installed even quicker
- Can be technically adapted even more flexibly to the on-site conditions without the need for reconstruction
- Ensures the catalyst is distributed even more evenly the catalyst material is handled even more sparingly
- Regulates the material flow in a more controlled way



Rent your DLM 2020

You have three options as regards introducing

DLM systems:

- Three year lease contract
- Three year lease contract including
- Full-Service Package "servicing and technological upgrading"
- Lease contract on a daily basis (as an addition for three years contract on request)

No other licence-fee accrues for you! On request, we also arrange for a DLM qualified member of service staff from our cooperation partner to implement your catalyst loading.



Take a closer look at the development of the DLM 2020!

- **Central product supply:**
The volumetric exhaust flow of the catalyst is solely defined by the central product supply. An uncontrolled product discharge is therefore absolutely excluded.
- **Quick release system for the flow quantity control:**
The Material Flow Control discs graded in 5 mm diameter steps which regulate the inlet quantity of the catalyst on the rotating strips can now be changed externally while the device is assembled in less than 10 seconds. Time saving is around 20 minutes/change.
- **Arrangement of strips:**
Flexible strips arranged on four levels with different numbers of each level guarantee the catalyst is distributed almost dust-free and smoothly in the distributor
- **Fine alignment of the inflow quantity:**
The use of facing discs on the strip rotary blades allows the inflow quantity which is pre-aligned by the Material-Flow-Control discs to channel to the requested distribution levels and thus improve the loading structure in the reactor.



Engineered Solutions

- **Balanced three point adjustment:**

A balanced three point adjustment was mounted onto the DLM with screw-on extensions, whereby a time-consuming and expensive installation of auxiliary constructions on the reactor entrance is not necessary

- **Stub wings on the ends of the shaft (alternative):**

According to the type of catalyst and reactor, the catalyst material flowing through the Strip Holder discs reaches a so-called "stub wing" at the end of the shaft which also distributes the material smoothly and evenly at this point for an optimal loading result.

- **Control unit protection:**

The control unit (for compressed air and motor rotating speed) is built into a switch box which protects the aggregate against dust and damage in transit.

- **Compact unities construction system:**

The entire system is mounted into an aluminium container, the internal design of which makes it easy to test the completeness of all construction components



FIRE FIGHTING EQUIPMENT





Deluge Control Valve

- **Model No.:** 07 DV2000
- Hydraulically operated, diaphragm-actuated
- Globe or Angle Configuration
- 3" through 10" Valve Sizes
- Nylon-fabric Synthetic Rubber Diaphragm
- Elastomeric Seat Disc
- Ductile Iron and Steel Valves are Epoxy-Coated insides and out for Maximum Corrosion Protection
- Easily Maintained without Removal from the Line
- Basic Valve is UL listed for Deluge Service



Continuous Flow Hose Reel Mild Steel Construction

- **Model No.:** 06 CFR-MS
- Solid frame and drum Assembly. Mild steel is standard. Option: Galvanised steel or 316SS stainless steel
- Manual rim rewind with pin lock. Option: hand crank rewind
- Swivel joint permits reel to rotate smoothly for ease of connection to the fluid source. Brass is standard
- Pillow blocks support the drum assembly
- Riser outlet assembly provides flow through the internal plumbing to hose/nozzle. Brass is standard
- Options: flanged inlet connection, flexible connector and isolation ball valve





Mechanical Water Alarm Gong

- **Model No.: 05 GA Type A**

Progard Sprinkler Alarm, also called a water motor and gong, is a hydraulically driven mechanical bell. It will automatically sound a continuous piercing alarm upon activation of a sprinkler system. The gong, gong mounting and motor housing are made of corrosion resistant aluminum alloy material. While the impeller and drive shaft are made of lightweight, non-metallic material and do not require and external lubrication.



Foam Spray Nozzle (Open Style)

- **Model No.: FSN Series**

Progard Foam Sprinkler is an open style foam sprayer. It is designed to be installed in a pendent position.

Model No.	K-Factor	Orifice Size (mm)	Flow(LPM)			Linlet Size
			2 Bar	4 Bar	6 Bar	inch
05 FSN-90	40	8	59	84	103	1/2 or 3/4
05 FSN-200	90	11.7	127	180	220	3/4



Progard 3% Alcohol-Resistant Aqueous Film Forming Foam Concentrate



- **Model No.: AR-AFFF**
- Single 3% Proportioning Rate on both Class B Hydrocarbon and Polar Solvent Fuels
- Suitable for Use with Fresh or Salt Water
- Superior Knockdown Performance on Hydrocarbon fires
- Excellent wetting characteristics on Class A Fuel Fires
- Use with both Aspirating foam Nozzles and Inline Eductors
- Use with Fixed Foam Discharge Outlets
- Suitable for Storage in Carbon Steel, Fibreglass, Polyethylene or Stainless Steel tanks but is not compatible with galvanised pipe or fittings in an undiluted form
- U.L. Listed



Fire Protection Consulting Services

Aman Fire Protection aims high, sets ambitious goals, and reliably delivers results for our clients



Aman
International

Aman Fire Protection Consultants is an engineering, consulting, and training firm based in Muscat, Oman and Abu Dhabi, UAE, specializing in code analysis, plan review, third party certifications, emergency response planning, commissioning, HPR Insurance audits, and fire protection system surveys. Aman's licensed fire protection engineers and consultants are uniquely qualified in various occupancies and have a diverse range of background experience in mechanical; chemical; civil; industrial; architectural engineering, emergency first response, firefighting, and fire investigation.

Aman International delivers the following services:

- Prepare Fire & Life Safety Report and Risk Assessment Report
- Obtain initial approval from ADCD for Safety Drawings
- Review Architectural Plans to comply with Civil Defence Regulations
- Review Shop Drawings prepared by Contractors, and get Civil Defence Approval
- Design or Review the requirements of Fire Fighting, Fire Alarm, Emergency Lights, Voice Evacuation, Signage, to be considered during MEP Design
- Smoke Management System
- CFD Modelling
- Make inspection at site to confirm that the installations done by contractor is approved by Civil Defence and finally get the final Hand-over Certificate from Civil Defence

Fire Protection Consulting Services



Aman visited the facility and conducted a site survey in order to gather additional information / details for the detail design of fire protection system prior to start the design.

Coke Drum Fire Protection System

Aman Fire Protection Consultants was retained by ORPIC Logistics Company to provide Detail design services for the fire protection systems for the coke drum fire protection systems in Sohar. This project consists of 4 coke drums which is located inside Sohar refinery. Aman Prepared and developed the design philosophy in conjunction with the project team in order to establish the basis for design for all fire and life safety philosophies for the project to ensure all code and standard requirements are incorporated in the initial stages to aid in the design process. Aman Collected all the pertinent existing drawings, documents, details about tie points, existing pumping system & capacity etc. in order to develop the detail design in conjunction with the existing fire protection resources.



The AP processes naphtha and produces 820,000 tonnes per year of Paraxylene and 200,000 tonnes per year of Benzene. The PP plant processes the propylene produced in the RFCC unit and can produce 350,000 tonnes per year of polypropylene.

Liwa Plastic Project

Aman Fire Protection Consultants was retained by Oman Oil Refineries and Petroleum Industries Company (ORPIC) to provide design services for the fire protection, fire alarm and life safety systems for the Liwa Plastics Project. Oman Oil Refineries and Petroleum Industries Company currently operates an oil refinery, aromatics plant (AP) and polypropylene (PP) plant at its complex located within the Port of Sohar, Oman. The refinery consists of 115,000 barrels per stream day (BPSD) Crude Unit, 80,000 BPSD Residue Fluid Catalytic Cracking (RFCC) unit that operates in a maximum olefins mode, an indirect Alkylation Unit, a TAME Unit and various hydro processing and treating units.

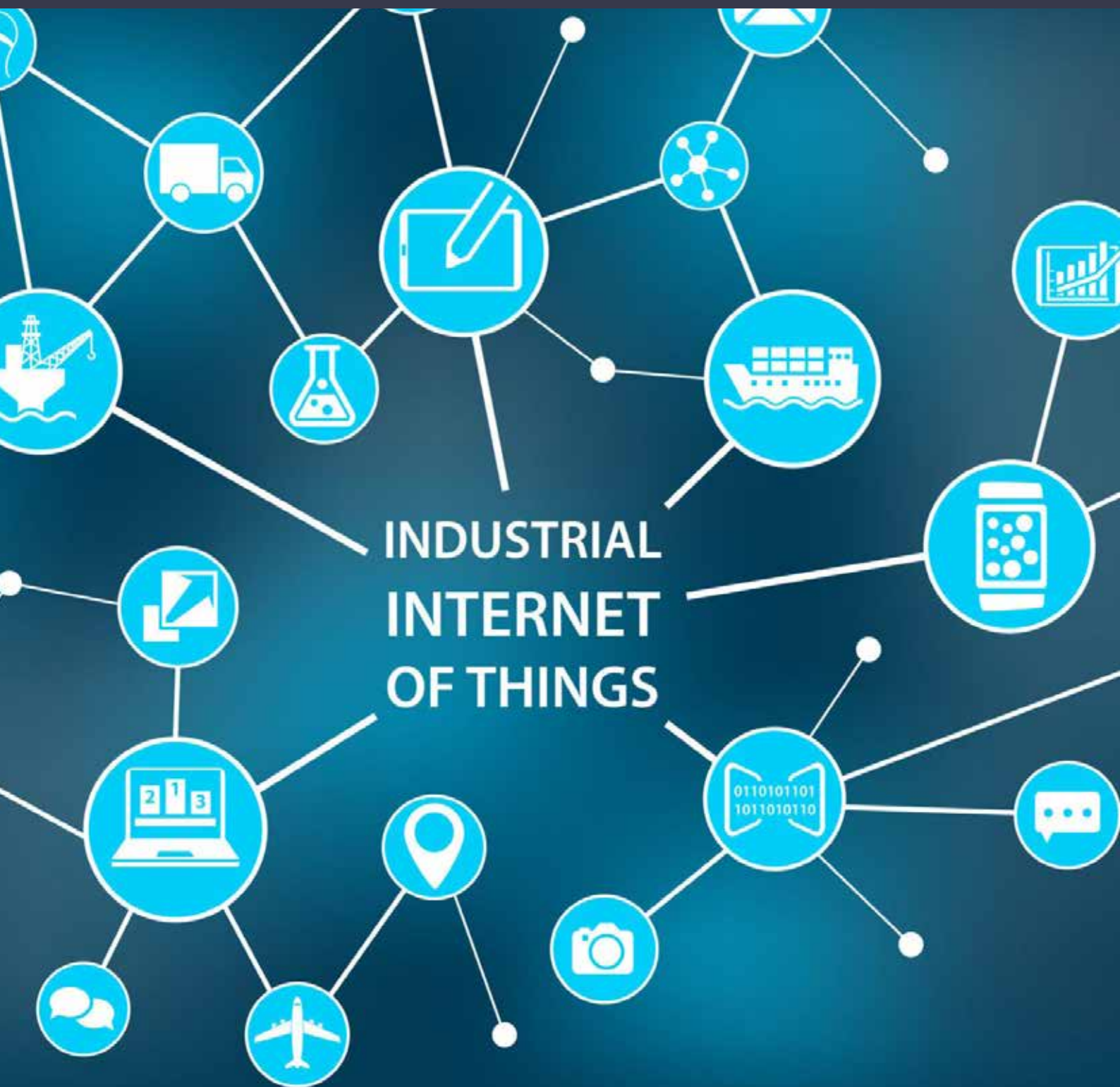


Mina Al Fahal Refinery

Aman Fire Protection Consultants was retained by ORPIC Logistics Company to provide Detail design services for the fire protection systems for the MAF refinery. This project consists of several areas in the refinery. Aman Prepared and developed the design philosophy in conjunction with the project team in order to establish the basis for design for all fire and life safety philosophies for the project to ensure all code and standard requirements are incorporated in the initial stages to aid in the design process. Aman collected all the pertinent existing drawings, documents, details about tie points, existing pumping system & capacity etc. in order to develop the detail design in conjunction with the existing fire protection resources.

Aman visited the facility and conducted a site survey in order to gather additional information / details for the detail design of fire protection system prior to start the design.

INDUSTRIAL INTERNET OF THINGS



Introduction

The Internet of Things (IoT) is a network of physical objects or people called “things” that are embedded with software, electronics, network, and sensors which allows these objects to collect and exchange data.

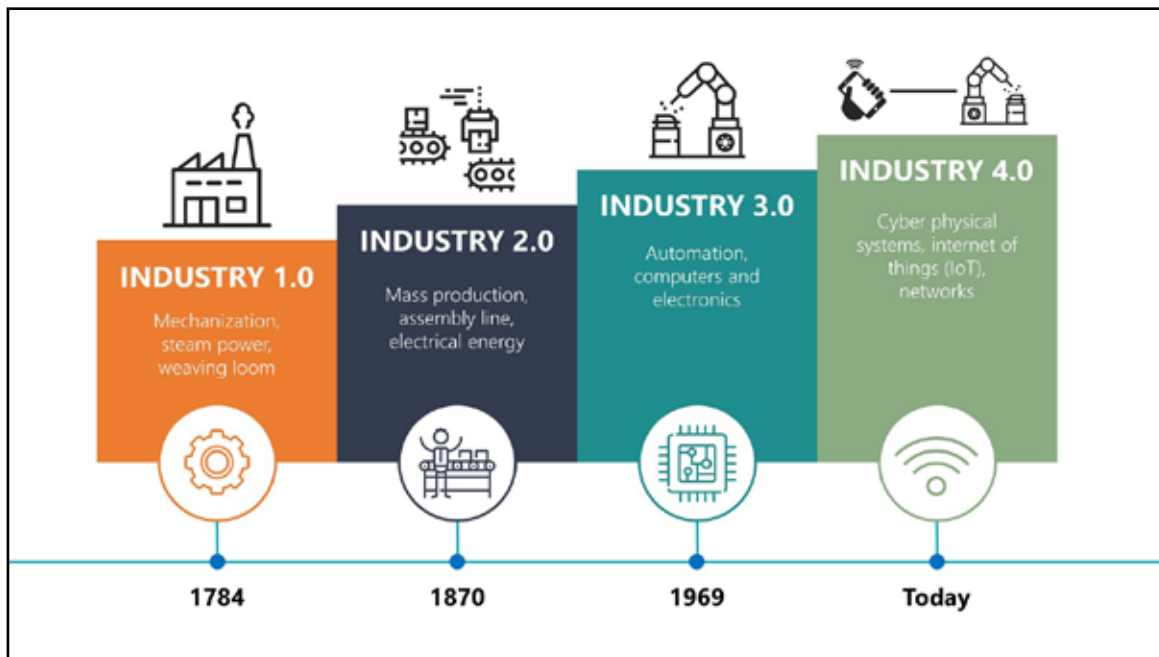
Industrial IoT connects machines, vehicles, and devices in industries such as transportation, power generation, and oil and gas, and is set apart from other IoT applications by its daily effects on human safety.

Why Industrial IoT

Industrial IoT collects and analyzes data to deliver insights that help industrial companies become nimbler, making better informed business decisions more quickly than ever before. Also, through the use of equipment and product data points, such as location data, industrial IoT is helping companies transform their manufacturing and industrial processes.

Raja Company and Safety Plus World have been working and investing for more than a year to bring IOT solutions into the Kuwait Market.

We aim to bring high-performance devices that can operate in real time and challenging environments. This means better quality control, sustainable and green practices, and more efficient, streamlined supply chain management.



About Hexoskin



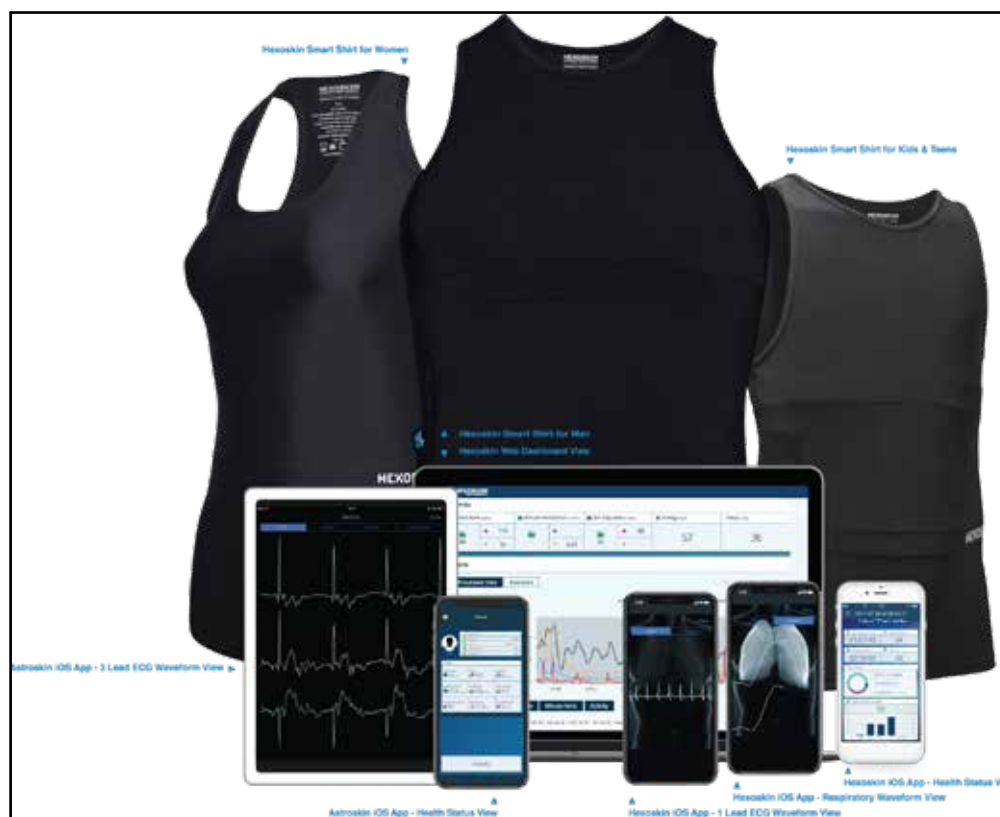
The Hexoskin Smart Kit includes the industry-leading Hexoskin Shirt and the new Hexoskin Smart recording device. Hexoskin Smart allows longer activity, cardiac, and respiratory monitoring for continuous personal health, fitness, and sleep assessment.

Hexoskin Smart Specifications:

- Bluetooth Low Energy 4.1 • 30h+ of battery life
- Compatible with iOS and Android: Apple Health App, Apple Watch, Wear OS
- Compatible with 3rd party mobile apps: Runkeeper, Runtastic and MapMyRun

Hexoskin Shirts Features:

- Lightweight & quick dry • Fit optimized for regulation of moisture/heat
- Excellent UV Protection • 99.9% Antibacterial Treatment (prevents odors)
- 73% Polyamide Micro/27% Elastane • Designed to stand up to tough conditions
- Machine washable (piling and stretching resistant)





BRADY SAFETRAK INSEPECTION

Safetrak is a digital system that supports businesses with inspection planning, equipment inspections and inspection reporting to maximize safety, improve resource performance and minimize costs.

- Eliminate paper based inspections and reporting and substantially reduce administration
- Manage equipment inspections, maintenance work, asset identification and location
- Comply with legislation by providing a clear auditable trails of inspections and actions taken
- Generate reports for equipment that is due inspection, has passed, failed, been commissioned and decommissioned by date



About Vault



Solo is a powerful standalone workforce management ecosystem. It has been expertly designed to protect and manage individuals and workforces while providing businesses with tangible productivity returns and efficiencies. Solo is totally scalable for protecting and managing small business teams right through to global corporations. Importantly, Solo is deployable across a range of mobility devices including wearable such as the Samsung Galaxy Watch.





Solo Platform

An intuitive live dashboard for all your safety needs

- Send and receive notifications and alerts from workers
- Simple, easy-to-use check-ins
- User configurable to easily manage check-in timings
- Smart customizable escalation and notification options
- Individual and team messaging

Solo Wearable

All the benefits of our powerful app with the convenience of a wearable

- Powerful, integrated and user friendly
- Full functionality of the Solo Mobile app
- Easily view nearby workers and teams
- Latest Samsung Galaxy smart watch technology
- Includes Vault Solo custom watch face to suit your style





















How does Vault Solo's Ecosystem work?



Vault Solo Platform
An intuitive live dashboard for all your safety needs.

Vault Solo Wearable
The latest revolution in wearable safety technology is here.

Vault Solo Mobile
Designed exclusively for workers on the move.

Key Features	Description	Devices
Alerts and Notifications	Set up configurable alerts and notifications around missed check-ins with escalation options.	  
Geofenced Zones	Set up alerts and notifications for geofenced zones so that a user receives configurable messages and popups when they leave or exit a zone.	  
Messaging	Communicate directly across sites and teams with the ability to send messages out to a users watch or mobile device.	  
Data Insights	Using the integrated BI tool and based on real time data, you can produce reports which capture and report valuable trends and benchmarking to drive efficiencies and decisions.	
Fall detection	Utilises the Samsung Galaxy Watch accelerometers and sends out auto alerts, notifications and the users location on detection of a fall.	 
Collision detection	Using the technology inside a users mobile device, vehicle collisions can be detected and the appropriate parties can be alerted immediately.	 
Driver behaviour	Create driver performance benchmarking through analysing driver behaviour including speeding, braking, acceleration and mobile phone use. Learn More	 
Heart rate monitoring	Utilising the Samsung Galaxy Watch, a users heart rate can be actively monitored on the Solo Live Dashboard.	 



ITI VR represents the most robust Crane Simulation Library in the world featuring over 1,000 scenarios across 7 crane models to a community of subscribers that benefit with each new crane model, scenario and feature released.

Tutorials:

- Learn basic functions, controls, and operation techniques
- Introduction of test weight loads and designated load travel path
- Repetitions focusing on precision and load control
- Learn to control and “catch” the swing
- Introduction to throttle functions
- Multiple loads, environments, and load chart circumstances available to expose operators to a wide array of job site challenges
- VR Construction Hazard Awareness Exam- Conduct a standardized practical assessment of employees and contractors on the jobsite

Types of Crane Simulations

- Rough terrain crane - tadano gr-1000xl
- Lattice boom crawler - link-belt 218 hsl
- Carry deck crane - broderick ic-80
- Boom truck crane - terex bt-28106
- Down cab r/t crane - broderick rt-400
- Tower crane - liebherr 550-ec-h
- Overhead crane - cab or remote operated

Types of equipment simulations

- Forklift
- Telehandler
- Scissor lift
- Boom lift



10+ Risk Domains are assessed:

- Hand tools • Lifting and rigging
- Electrical safety/LOTO • Silica
- Environmental & industrial hygiene
- Confined space and hotwork
- Mobile equipment & personnel
- Excavation & trenching • Scaffolding
- Dropped objects • Fall protection



About Wideeye



Employee Efficiency Monitoring & Asset Management Solution

As an employee monitoring solution, this gives organizations an overall picture of how work gets done in and out of the office.

- **Track and Locate**

Track & Locate the team members in warehouse in real time.

- **Evacuation**

Locate employees faster in case of emergency

- **Unauthorized Access**

Real time alert & notification in case of unauthorized access from personnel

- **Monitor**

Monitor performance of the team members through automated Time and Attendance system

- **Inactivity alert**

Detect monitor activity of the personnel and notify on inactivity

- **Customizable**

Customizable system based on specific needs of the customer

An asset tracking system tracks an asset's name, type, usage, engine hours, maintenance schedule, or other information, and will send alerts to managers when anything goes amiss.

- **Asset Tracking**

Configure asset tracking for warehouse assets like trolleys, etc.

- **Measure Usage**

Find out the speed of vehicles, and amount of times it has been used

- **Create Zones**

Divide warehouse area in different zones



Dashboard



- ✓ Comprehensive Graphical Interface
- ✓ Customizable
- ✓ Multilevel User Access
- ✓ Real Time Monitoring
- ✓ Configure Alerts for Violation
- ✓ Monitor Individual Efficiency & Safety
- ✓ Monitor Battery Consumption for Tags
- ✓ Create Zones & Rules
- ✓ Customizable Reports
- ✓ Optimized Interface



Health, Safety Environment Training Courses

Internationally Accredited Safety Training

National Examination Board in Occupational Safety and Health (NEBOSH)

- NEBOSH IGC (International General Certificate- Both Arabic and English)
- NEBOSH IOGC (International Technical Certificate in Oil & Gas Operational Safety)
- NEBOSH HSW (Health & Safety at Work- Both Arabic and English)
- NEBOSH IDip (International Diploma in Occupational Health & Safety)

Institution of Occupational Safety and Health (IOSH)

- IOSH Accident Investigation
- IOSH Managing Safely
- IOSH Managing Safely in Schools
- IOSH Working Safely
- IOSH Managing Safely in Construction

IADC

- Wellcap - Introductory, Fundamental & Supervisory Levels

Specialized Safety Training

Lifting Operations

- Lifting Operations – Best Practices
- Lifting Equipment Examination
- Tower Crane Safety & Rescue
- Mobile Crane Examination
- Mobile Crane Operator • Slinger/ Signaller
- Counter Balance Forklift Truck Operator
- Safe Use of Overhead Cranes
- Basic Safe Slings & Lifting
- LOLER & PUWER
- Safe Lifting Operation for Safety Personnel
- Lifting Equipment Examination
- Wire Rope Examination • Rigging Loft Management
- Container Inspection • Mobile Crane Examination
- Socketing of Steel Wire Ropes
- Counter Balance Forklift Examination
- General Fire Prevention under Qatari Regulations
- Strategies & Tactics for Fire Prevention in Commercial Buildings
- Fire Safety Strategy
- Fire Inspection & Code Enforcement

Health, Safety Environment Training Courses

General Safety Training

- Authorized Gas Testing (AGT) Training Course
- Behavioural Based Safety • Chemical Safety
- Confined Space Safety & Rescue
- Crane Operator Certification: Safe Operation of Cranes for a Competent Person Training Course
- Crane Safety • Cutting & Grinding Safely
- Defensive Driving • Demolition Safety
- Electrical Safety & Lock Out / Tag Out
- Emergency Evacuation Preparedness
- Environmental safety
- Ergonomics • Evacuation Procedures
- Fire Fighting Training Course
- First Aid / CPR Training Course Fork lifting Safe Operation
- Forklift Operator Certification: Safe Operation of Forklift for a Competent Person Training Course
- General Office Hygiene and Safety
- H2S Safety Awareness SCBA Training Course
- Hands & Finger Safety • Hazardous Goods Safety
- HAZCOM & MSDS • Heat Stress
- Heavy Equipment Operator Assessment Heavy Machineries
- Height Work • Hierarchy of control measures
- Hot Work • HSE Induction
- Incidents & Accidents Investigation Report Job Safety Analysis
- Lifting and Hoisting
- LOCKOUT – TAGOUT (LOTO)
- Manual Handling • Masonry and Form Work
- Mechanical Operations / Erection
- Occupational Health & Safety Training
- Permit to Work Training Course Personal Protective Equipment (PPE)
- Rigger Safety: Inspection Rigging Equipment & Hand Risk Assessment
- Safety Leadership & Skills
- Scaffolding Competent Person
- Welding and Gas Cutting
- Work Permit System
- Working at Heights Safety and Falling Objects



One Stop Solution for all your testing needs...



About Lonestar

Lonestar came into existence as a result of the demand that existed locally from various industries for a high-tech, multi-disciplinary testing and investigation facility that delivers on-time testing services and meet international standards.

In 1992, Mr. E. Keith Grigg and Mr. Syed S. Hussaini met the industry requirement by establishing Lonestar Technical Services in the emirate of Dubai in the United Arab Emirates. In the following years, the need to extend the testing and laboratory services to the emirate of Abu Dhabi - UAE, resulted in the establishment of our laboratories in Abu Dhabi, Ajman, Oman, Iraq and Kuwait.

Lonestar is registered and licensed as a laboratory with Dubai Municipality, the regulatory authority of the Emirate.

Quality Training

Lonestar has strong in-house quality training program. Continuous training is imparted to all the staff in their respective fields to meet the growing need of customers and international standards. Our quality-training program is based on the principle of continuous improvement.

Our staffs are trained in various disciplines and special training is provided for specific projects, when required.

QA / QC Areas

For any test result to be valid and reliable, careful monitoring and implementation of QA/QC procedures are required. One key element of successful quality assurance is regular participation of a laboratory in a national and/or international Proficiency Testing Program (PTP) program. Lonestar Dubai and Lonestar Abu Dhabi participates regularly in national and international PTP with most results exceeding the minimum requirements of acceptance.

The strength of our QA/QC program encompass the following areas:

- Sampling Procedures
- Analytical Procedures, Revisions and Validations
- Internal Quality Control Checks
- Internal Training Programs
- Corrective Action Reports (CARs)
- Management Review Meeting (MRM)
- Calibration Checks and Frequencies
- Reporting
- Internal Performance and System Audits
- Assessment of Precision and Accuracy
- Non Conformance Reports (NCRs)
- Internal Quality Audit (IQA)

Lonestar Major Diversified Divisions/Testing Facilities:

- Analytical Chemistry Division
- Indoor Air Quality Division (IAQ)
- Mechanical/Material Testing Division
- Corrosion Testing Facility
- Salt Spray Test Facility
- OCTG Inspection Division
- Third Party Inspection (TPI) Services Division
- Geotechnical Engineering Division
- Environmental Testing Division
- Industrial Hygiene Division (IH)
- Metallurgical Failure Investigation Division
- Full Ring / Coating Testing Facility
- NDT, Heat Treatment & Inspection Division
- Lifting Equipment Inspection Division
- Civil/Construction Material Testing Division
- Topographic Survey



Industrial Hygiene/Indoor Air Quality Division

Industrial Hygiene (IH) Monitoring Test Conducted

- Silica • Hazardous Metals • Occupational Parameters
- Acid Mists • Asbestos in Air • Vibration Monitoring
- Hazardous Gases • Meteorological • Combustible Gases
- Dusts / Particulates • Microbiological • Oil Mists
- Hazardous Chemical Compounds • Breathing Air Quality
- LUX / Lighting / Illumination Monitoring
- Sound/Noise Level Monitoring (Ambient/Area & Personnel/Dosimetry)
- Analysis of Bulk Material Samples for Asbestos/Non-Asbestos by Visual ID
- Inspection / Survey / Sampling / Analysis of Work Place for Asbestos, Lead, Hazardous Chemicals / Metals / Dusts / Fumes



Engineering, Inspection, Testing & Lab Services

Industrial Hygiene (IH) Monitoring performed for following requirements:

- Municipal, Commercial, Industrial, Governmental Regulatory Agency
- Internal audit workplace monitoring for occupational exposure risk assessment

Indoor Air Quality (IAQ) Monitoring Tests Conducted:

- Particulate Fractions • Acid Mists • Meteorological
- Differential Pressure • Silica • Microbiological
- Vibration Monitoring • Oil Mists • Air Velocity
- Fungal/Mold Spore Identification/Quantification • Sound/Noise Level
- Toxic Vapors & Gases • LUX/Lighting/Illumination Monitoring
- Occupational Parameters • Hazardous Chemical Compounds
- Hazardous Metals Dusts/Fumes • Occupational/Workplace Monitoring

Typical Indoor Air Quality (IAQ) Surveys:

- IAQ or IEQ profile for LEED GREEN Building • IAQ Monitoring
- Mold/Fungal Spore contamination • Sick Building Syndrome
- IAQ Occupational Monitoring of Workplace for Sick Building Syndrome
- Mold/Fungal Spore Airborne Contamination Monitoring
- Compliance Monitoring for Municipal, Commercial, Military, Industrial or Governmental Agency requirements



Typical IH/IAQ Monitoring Locations:

Commercial Office Buildings, Industrial and Medical Facilities, Military Facilities, Hotels, Manufacturing Facilities, Schools, Engineering Services Facilities, Federal & Municipal Facilities, Personnel Training Facilities, Ships and Offshore Vessels, Rigs, Executive Offices, Private Facilities, Fabrication Yards, Accommodation Facilities - Onshore/Offshore.

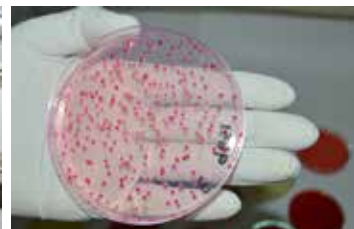


Analytical Chemistry Division

Analytical Chemistry Division

Lonestar Dubai & Abu Dhabi offer the most advanced and unique environmental, chemical and water analysis in the Middle East / Gulf Region. Our full complement of analysis is conducted on various matrices which includes:

- Waste Water and Effluents Analysis
- Drinking Water Analysis
- Sludge / Waste Paint Analysis
- Soil And Sediment Analysis
- Oil Analysis
- Foam Analysis
- Deposit / Scale Analysis
- Ferrous & Non- Ferrous Steel Analysis
- Zinc / Aluminum Coating Analysis
- Corrosion Inhibitor Analysis
- Microbiological Analysis



Environmental Testing Division

Stack / Stationary Source & Ambient Air Monitoring

We routinely offer services for Stack, Ambient and Noise monitoring for various clients in Dubai, Abu Dhabi and regional Gulf countries for their Municipality and Federal Guidelines compliances. Our parameters includes routine test parameters like Particulate Monitoring, Oxides of Nitrogen, Sulfur Dioxide, Ozone, Total Volatile Organic Compounds in Stack and Ambient sources.

We also offer Dioxin and Furan sample collection and analysis for incinerator emission monitoring.

Monitoring Performed

Lonestar provides Stack Testing and Ambient Air Monitoring services to solve many environmental challenges:

- Emissions Surveys
- Trial Burns
- CEMS/PEMS Certifications
- Control Equipment Specification / Performance / Acceptance
- Worker and Public Safety / Air Quality
- Real-Time Process Evaluation and Optimization
- Waste Reduction
- Regulatory Compliance

(Title V, MACT, BACT, NESHAP, NSPS, PSD etc.)



Particulates Monitoring

Monitoring Particulates in indoor, outdoor and workplace atmosphere is performed by Lonestar using:

- Sampler equipped with continuous data logging capability
- Measurement of Total Suspended Particulate (TSP) & Respirable Particulate (PM10)



Noise Monitoring

Noise Monitoring is carried out for work place and Ambient Air using Class 1 Noise Meter which confirms to IEC 61672 Class 1 and reporting with data logging for Leq, Lmax, Lmin, Leq 50, L10 and L90. As part of the workplace compliance program with many companies, Lonestar monitors Noise Levels as follows:

- Measurement of Noise in dB in Outdoor, Workplace and from Operating Equipment
- Noise meter confirms to IEC 61672 Class 1 and Class 2 ANSI S-1.4
- Meter with continuous data logging ability and measures Total dB, Leq, min. & max, Leq50, L10 & L90



Lifting Equipment Inspection Division

The objective of this service is to independently assure the safe and proper working capability and condition of each individual crane or lifting and hoisting equipment. Lonestar Inspectors know and understand the legal conditions and regulatory requirements throughout the world. They know exactly how and when lifting and hoisting equipment must be assessed, tested or inspected. Their expertise, experience and modern facilities enable them to trace any defects in a timely manner.

Lonestar has qualified and competent LEEA certified staff and NDT personnel to help you in meeting the safety and regulatory requirements

Advance Tools Straightpoint™ Radiolink Load Testing Exercise

When Proof Load Testing of the lifting equipment is required, precise measurement of the Test Load is a serious issue. Minor negligence in calculation of Test Load can result in the failure of equipment during Proof Load Testing. Lonestar is fully equipped with the Digital Load measuring Device (Digital Load Cell) upto 25 Tons (quantity 1 Nos.) in which one is wireless interface with digital portable display.

Geotechnical Engineering Division

We offer to topographic survey, resource mapping, ground investigation, geotechnical engineering & design and project management. Our customers include, Government Infrastructural Bodies, National & International Oil Production Companies, Consulting Engineers, Project Management Companies, Developers and Private Industries.



Engineering, Inspection, Testing & Lab Services

Mechanical Testing/Metallurgy Division

Our Mechanical Testing Division is equipped to perform Mechanical Testing for wide range of materials and products. The tests we perform include:

- Tensile Test • Hot Tensile Test • Impact Test
- Bend Test • Macro Examination • Micro Examination
- Compression Test • Fillet Fracture Test • Nick Break Test
- Proof Load Test • Flattening Test • Flaring Test
- Crack Tip Opening Displacement (CTOD)
- Hardness Test (Brinell, Vickers and Rockwell)



Civil/Construction Material Testing Division

Soil Testing

- Plate Loading Test • In situ CBR Testing
- Soil Resistivity (Field & Lab) • Thermal Resistivity (Field & Lab)
- Particle Size Distribution (Sieve & Hydrometer)
- Maximum Dry Density-Optimum Moisture Content Relationship (MDD/OMC)
- California Bearing Ratio (CBR), Field Density Test
- Liquid Limit, Plastic Limit and Plasticity Index (LL, PL & PI)
- Specific Gravity, Linear Shrinkage, Sand Equivalent Value
- Field Compaction by Sand Replacement Method and Nuclear Density Meter



Third Party Inspection (TPI) Services Division

Lonestar has an independent Third Party Inspection Services (TPI) division providing services locally and worldwide to ensure and verify quality and compliance to the clients' requirements as well as to international standards. Our TPI services have various approvals and registrations from internationally recognized entities which include Oil & Gas sector, EPC & construction companies. Quality management system for TPI Division of Lonestar is certified in accordance with ISO 9001:2008.

OCTG Inspection Division

Lonestar specializes in providing a combination of OCTG inspection of Bottom Hole Assemblies, Drill Pipes, Tubing and Casing, Hoisting and Handling Tools, Load Testing and other engineering services.

Training & Consultancy Services



About QISC

Qatar International Safety Centre (QISC) was established in 2001 as one of four integrated companies of Madina Group, owned and sponsored by Al Darwish United Company.

QISC provides total training solutions developed to meet the individual needs of each customer.

Our capabilities extend to the full range of Emergency Response, Fire Prevention, Health and Safety, Leadership, Major Emergency Management, Sea Survival and Marine and Road Safety Training. QISC also provides specialist manpower supply, HSE Consultancy and equipment supply. With two major training facilities, the main centre located at Street 45 in the Industrial Area and the other at the heart of Ras Laffan, QISC is able to demonstrate that training is feasible on both small and large Scale scenarios. Courses can be taught in English, Arabic, Hindi, Tagalog, Bengali and Urdu to name just a few.

HSE Training

- Nebosh IGC
- IOSH Managing Safely
- Highfield IADT
- Highfield Food Safety
- OPITO H2S
- QP H2S
- Fire Warden
- Basic Fire Fighting
- Emergency First Aid at Work
- Basic & Advance First Aid
- BBS (Behavioural Based Safety)
- SALAMA
- COSHH
- Working at Heights Awareness
- Confined Space Entry Awareness
- Risk Assessment

Access, Lifting and Load Control Training

Access, Lifting and Load Control Training

- CISRS OSTS Scaffolder (Level 1)
- CISRS OSTS Scaffolder (Level 2)
- CISRS OSTS Basic Scaffold Inspector
- CISRS OSTS Advanced Scaffold Inspector
- CISRS OSTS Scaffolding Supervisor
- SpanSet Height Safety Trainings

Road Safety Training

- IVV Diamond approved Defensive Driving – Light & Heavy Vehicle
- QP approved Defensive Driving – Light & Heavy vehicle

QISC, provides Total Training Solutions developed to fit the individual needs of each customer. Our capabilities extend from outsourced training management to full range of courses for Emergency Response, Access, Lifting, and Load Control, Marine and Survival, Health and Safety, Road Safety, Specialized Manpower Supply and Health and Safety Consultancy.

Emergency Response Training

- OPITO Offshore Emergency Response Team Member & Further
- OPITO Offshore Emergency Response Team Leader & Further
- OPITO Helideck Emergency Response Team Member & Further
- QISC Helideck Emergency Response Team Leader & Further
- OPITO Helideck Operations Initial Training
- OPITO Offshore Installation Manager – Controlling Emergencies
- OPITO Major Emergency Management Initial Response

Marine & Survival Training

- STCW (Basic Training for Seafarers, Personal Survival Techniques (PST), Personal Safety & Social Responsibility (PSSR), Basic Fire Prevention and Fire Fighting (BFF), Elementary First Aid (EFA))
- OPITO Tropical Basic Offshore Safety Induction and Emergency Training
- OPITO Further Offshore Emergency Training
- OPITO Helicopter Underwater Escape Training
- OPITO Travel Safely by Boat
- Lifeboat Coxswains Training
- Compressed Air – Emergency Breathing System

Industrial Hygiene Training & Services

Sustainable EHS LLP can provide Consulting, Services and Training for Industrial Hygiene by certified CIH, CSP and Industry Experts with years of experience in the Oil & Gas segment in Middle East ,Africa and India.

The Services covers:

- Conduct Certificate Training for all IH topics including CIH, CSP as per potential requirement for HSE professionals
- Design, develop & deliver IH training programs for any organization as required
- BOHS Training Program for all modules – W500 Intermediate Series.”
- Risk Assessment Studies – HAZOP, HAZID, PHA, FMEA...
- MSDS: Review and Development
- Industrial Hygiene Consulting for new project, modifications or existing operation
- Vibration: Full body vibration & Hand Arm Vibration, surface vibration
- Indoor Air Quality Monitoring (Offices/Workplace)
- Ergonomics Assessment, Designing workplace and tools
- Biological Exposure Monitoring
- Illumination Study
- Ventilation Study: Design effectiveness, Area Ventilation, Comfort Zone Assessment, Laboratory hood evaluation
- PPE Assessment & Selection, Respiratory Fit Testing Program
- Development of Industrial Hygiene Laboratory
- Implementation of ISO 45000 / OHSAS 18001 requirements, Audit and Monitoring, HSE Plan etc.
- Exposure monitoring: Qualitative and Quantitative exposure assessment – it includes gas, dust, asbestos/fibres, vapour, special chemicals etc. Analysis at AIHA Lab, USA.
- Noise Monitoring: Personal & Workplace, effectiveness of control and designing noise control. Setup Hearing conservation program (HCP)
- Heat Stress Monitoring: Personal Heat Stress & Workplace/Area Heat Stress



About Sunbelt

As part of the London listed Lamprell Group, Sunbelt provides state-of-the-art H₂S safety equipment and services as well as highly skilled and specialised professionals to the energy industry.

With over 40 years of experience, our qualified team of experts is dedicated to creating, strengthening and promoting a strong safety culture and environment within your worksite.

Our team of committed professionals tailor safety solutions according to each customer's specific needs. Whether your team is setting up safety services, need installation support, equipment, training or emergency response services, we can help.

We support and assist our clients in the following key areas:

- H₂S and safety equipment rental and/or purchase
- Equipment recertification, servicing and maintenance
- Equipment installation and commissioning
- Specialised safety professionals
- Safety training, consulting and supervision
- Expert H₂S safety services

H₂S Equipment Rental & Installation

Sunbelt offers a large selection of high-quality rental equipment such as gas detection and alarms, breathing apparatus, breathing air systems and various components.

Our inventory holds items including:

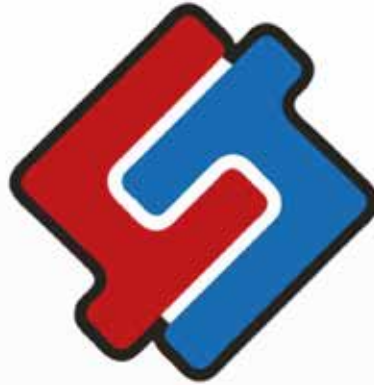
- Breathing air system components
- Gas monitoring equipment
- Auxiliary equipment

Safety Training & Supervision

Our courses in H₂S safety awareness and breathing apparatus familiarisation follow the API-RP 49 and 55 guidelines, meet the OSHA requirements and are as per internationally approved standards ANSI Z-390.1 and NFPA.

Safety training courses offered include:

- Train the trainer in accepted practices for H₂S safety, ANSI-Z390.1-2010
- H₂S safety in drilling and production training
- Toxic gas protection training
- Breathing air system and breathing apparatus training



WORX UNLIMITED Co.



Steel & Aluminium Fabrication Services

About Worx Unlimited

Since its establishment in 2000, Worx Unlimited has grown to be recognized by its clients as a reliable and professional contracting team that takes its profession seriously and executes the contracts on time.

Worx Unlimited was set up as the contracting Division of Raja Company W.L.L. in the year 2000 and has since then committed to surpassing the expectations of our professionalism, and service which yields the highest quality construction projects.

Our Services

- Sheet Metal Fabrication
- SS Kitchen Furniture
- Mechanical Fabrication
- Drainage Systems / Solutions
- Laser Cutting
- Cutting & Punching
- Folding
- Welding Finishing & Powder Coating



WHO WE ARE

Our certified team aims to give the best service in the shortest time possible with pin point precision to set a new standard for Engineering at its finest



WHAT WE DO

Certification
Training – Demonstration
Engineering Design • Installation
Site Surveys • Risk Assessments
Inspection • Maintenance
Consultancy

WE SPECIALIZE IN

- Gas Detectors
- Vertical – Horizontal Life Line
- Retractable Tieback Systems (Blocks)
- Self Contained Breathing Apparatus
- Fall Protection Equipment
- Life Support Systems





SCOPE OF WORK

Gas Detectors

Inspection, Calibration and Certification

Vertical – Horizontal Life Line

Calculation, Design, Supply & Install, Inspect, Repair & Certify

Retractable Tieback Systems (Blocks)

Full System Inspection, Cable Replacement Cleaning, Consumable Replacement and Certifying

Self Contained Breathing Apparatus

Inspection, Repair Calibration, Leak Control & Test, Certification, Refilling of Air Cylinder, Air Quality Test

Fall Protection Equipment

Harness inspection, Certification Lanyard Inspection, Certification Anchor Point Consultancy

Life Support Systems (LSS)

Helmet Cleaning, Leak Test, Airflow Test, Communication Control





uvex industrial health and safety – the systems provider with world class manufacturing expertise. Our decades of experience in the development and production of personal protective equipment allows us to meet the individual requirements of our customers and create real added value. Customers worldwide have great confidence in the high quality demands we place on our products and services as well as the expert level of our consultancy capabilities. This trust drives us as we work towards ensuring that our promise of quality is fulfilled every single day.

QUALITY MANAGEMENT

The processes and procedures in all uvex manufacturing plants have been certified in accordance with ISO 9001:2008 and are therefore inspected annually by TÜV Süd.

FREE OF HARMFUL SUBSTANCES

uvex does not use any hazardous substances in accordance with the REACH Regulation and has established its own additional list of banned harmful substances.

SOCIAL STANDARD

uvex adheres to the social standards of the uvex group in all its manufacturing plants and ensures compliance with these regulations along its entire supply chain.

BUSINESS IS PEOPLE

Through regular education and training, uvex consistently improves the consultancy expertise of its employees in all relevant specialist fields.

SUSTAINABILITY

uvex has a consistent focus on sustainable production in all its manufacturing plants. This involves both the responsible use of resources and reducing waste to an absolute minimum.

NORMS

uvex fulfils all relevant norms for personal protective equipment. Regular inspections are carried out in the production process.

TESTING EXPERTISE

uvex has its own testing laboratories in its manufacturing plants to ensure consistent product quality. Methods and testing standards are constantly developed in close collaboration with leading external institutes.

NETWORK EXPERTISE

uvex has cultivated long-standing cooperations with select strategic partners for the manufacture of intermediate products and raw materials. uvex on site employees ensure the high quality demands are met.

PROTECTING PEOPLE

In all its manufacturing plants, uvex operates according to the highest safety standards and is certified compliant with the OHRIS/LV 21 work safety management system.

INNOVATION PROCESS

uvex has a comprehensive product creation process. A systematic innovation process ensures a high level of innovation and quality along the entire value chain.



About Portwest



Portwest® are market leaders in the design and manufacture of an extensive range of workwear, flame resistant clothing, safety footwear, fall arrest and PPE products. Family owned since 1904, we now operate across 85 countries globally with our range of safety clothing and PPE used extensively throughout industries in Europe, the Middle East, Africa, Russia, the Caspian, and the Americas.

Portwest® are a vertical manufacturer and only work with re-sellers and leading safety distributors, such as Raja Trading. Our in-house product specialists are continually making design improvements and our supply chain maintains real cost reductions to ensure we offer the best range of products at the most competitive prices. Our customers can choose from more than 1000 unique styles, covering head to toe protection, with many styles available exclusively from Portwest®. In addition we offer a complete bespoke service on request.

We operate five ultra modern warehouses holding more than 7 million units of immediately available stock. Located in Sharjah, UK, Ireland, Poland, and USA and despatching 15 million items each year our commitment to customer service and on-time deliveries is evident.

Product certification and conformance is a key factor in all that we produce. All of our clothing, gloves, safety footwear, fall arrest equipment, limited life clothing, head and ear protection eye protection and accessories are extensively tested and carry full CE markings. Copies of the EN certification, NFPA / ANSI certification and GO/ST Russian standards from independent, world-renowned testing institutions are available freely on our website.

Portwest® have an expertise in manufacturing and supplying flame resistant workwear. Our range of lightweight Flame Resistant coveralls has been designed exclusively for the Middle East and we can supply in a variety of fabrics from lightweight cotton based construction, modacrylics and aramids. As well as designing the garments we also control and produce our own branded fabrics that are now specified and used extensively in the safety industry.

JCB stocks now available! Portwest® are the global licensing partner to JCB and produce and market all JCB clothing, safety footwear and PPE. The new range is now stocked and available for the first time and we are looking for distributors to work with on this new opportunity.

Portwest® hold high stock levels in our state of the art distribution centres throughout the world, we have a consistent quality of product expected of a premium European manufacturer, and are committed to growing our business through excellent customer service and competitive prices.

For more info visit www.portwest.com

PORTWEST®

AUTHORISED DISTRIBUTOR



About Bicap



A LONG HISTORY IN SHOES TRADITION

In 1979 Mr. Giuseppe Battaglia founded the Shoes Company BICAP, after more than 30 years of experience in athletic shoes.

In 1989, Mr. Battaglia's 5 sons created the Shoes Company 5BI, a dynamic company active in athletic, trekking and football shoes production.

In a short time the company became an industrial reality and began discovering new markets around the world and working in international business as a leader in safety shoes production with its registered brand BICAP.

The company is strongly oriented in raw material selections and in innovation of technology by using the most modern industrial systems.

All this allows to create a product based on a mix of experience and technology all MADE IN ITALY.

The 5BI shoes factory covers a surface of 10.000 M2 in the industrial area of Barletta. Shoe production reaches 6.000 pairs per day for a total of 2 million pairs per year.

Today the company continues its tradition thanks to the second and third generation's management team.





Founded in 1898, Bullard is a leading manufacturer of high-quality personal protective equipment and systems that are marketed worldwide. Product lines include thermal imagers, hard hats, firefighter and rescue helmets, supplied air respirators, powered air-purifying respirators, and air quality equipment. Bullard is a fifth-generation family-owned enterprise whose employees are committed to excellence in every product category. The Company, headquartered in Cynthiana, Kentucky, is led by President and CEO Eric Pasch. The Board of Directors has been led by Edward "Jed" Bullard since 1998.

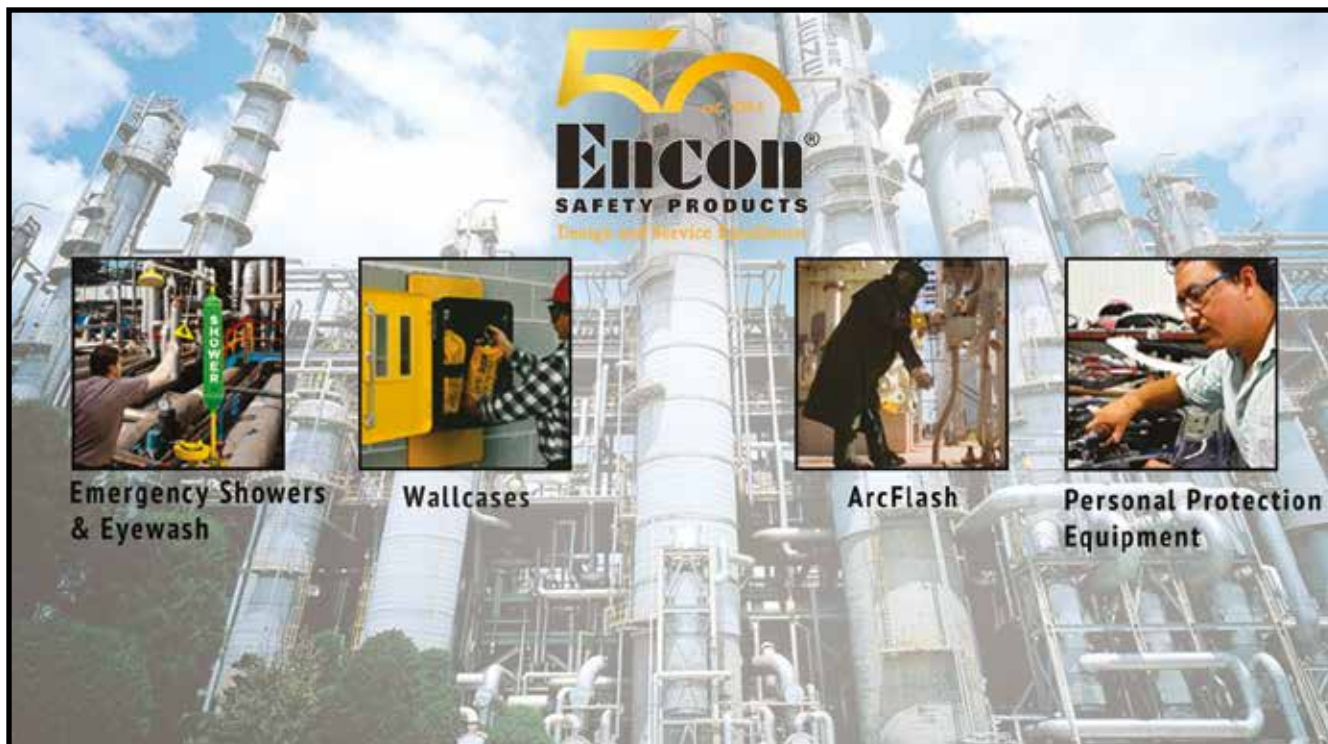
Bullard traces its heritage back to 1898, a time of great opportunity in the western United States. Founded in San Francisco by Edward Dickinson Bullard, the Company originally supplied carbide lamps and other mining equipment to gold and copper miners in California, Nevada and Arizona. When his son, E.W. Bullard, returned from World War I, he combined his understanding of customer needs and his experience with his doughboy army helmet to design a protective headgear for miners. This "Hard Boiled[®]" hat, introduced in 1919, represented the first of many innovative designs that have led Bullard to its prominent position in head protection for industrial and emergency response applications.





Encon® Safety Products began manufacturing operations in 1964 focused on solving hazardous-area problems for the Petrochemical Industry. Today, with 50 years of commitment to excellence in product design and development, Encon® is a highly respected leader in reliable and innovative products to protect people and provide emergency personal treatment. Encon® designs and manufactures market-leading emergency shower and eyewash products, personal protective equipment including safety eyewear and chemical splash goggles, arc-flash and heat-stress protective equipment, and hazardous-area storage cases for the protection and security of people, plant and equipment. As a quality manufacturer, Encon® is certified to the ISO 9001:2008 Standard by Det Norske Veritas (DNV). Additionally, all Encon® PPE Eye Protection is third party certified to ANSI, CSA (as marked), and CE (as marked) standards by Colts Laboratories in Oldsmar, Florida and complies with the ANSI/ISEA 125-2014 Standard for Conformity Assessment of Safety and Personal Protective Equipment.

Through our partnership with leading regional distributors like Raja Company W.L.L, we look forward to serving the World Leading Petrochemical Industry of the Arabian Peninsula and Persian Gulf regions.





Protect Your People

Lakeland Industries is one of the largest manufacturers in the world of industrial clothing for protection against flames and heat. Through multiple global manufacturing facilities the company supplies its products to users all over the world through a network of sales divisions in all the major regions of the world.

Lakeland's ranges cover disposable garments for protection against hazardous chemicals including fully gas-tight chemical suits, re-usable garments for protection against flames and heat, unique disposable FR garments, aluminium garments for heat protection and fire fighters turnout gear for both European and US markets. All products are certified to the latest standards including CE, ASTM, NFPA and ISO where applicable.

In all its product ranges Lakeland aims to offer a wider choice of materials, designs and options. A wider choice means users can better target the protection at the application, resulting in better protection and often with greater comfort and lower cost.

Know Your Maker

Lakeland manufactures all its own products in its wholly owned manufacturing facilities, so users can be confident of the full control of production and importantly quality. In every Lakeland factory the first consideration is quality, and quality is just one of the reasons users worldwide increasingly turn to Lakeland to meet their protective clothing needs.

Work with the Experts

Lakeland was the original manufacturer of disposable protective clothing and has over forty years' experience of the design, manufacture and sale of industrial protective clothing, and Lakeland staff have a deep knowledge of the issues involved in protection against flames, heat and chemicals.

"If all you have is a hammer... everything looks like a nail"

In all its product ranges Lakeland aims to offer a wider choice of materials, designs and options. A wider choice means users can better target the protection at the application, resulting in better protection and often with greater comfort and lower cost.



About Liberty



Liberty has been the pioneer in the safety shoes market for over a decade now, with 'Warrior', its lead brand in the segment which has earned recognition from across the globe. Warrior is trusted by some of the most reputed national and international brands like Mercedes Benz, Honda, Toyota, Ford, Tata motors, DLF, GMR, Larsen & Toubro, Dell, Nestle, Parle, Whirlpool, Samsung, ITC, PepsiCo, Apollo hospitals, Taj, The Leela, Bharat Petroleum, Reliance, Castrol, to name a few. Chosen by the best brands in the world and conforming to Euro Safety Norms (EN – 345), Warrior safety shoes are recognized as the standard professional gear for workers in light and heavy engineering units as well as defence forces. With a wide range of products with unique safety features like, Steel Midsole, Steel toe cap, Superior fabric, dual density sole, fine leather, antistatic stroble insole and shock absorbing, oil resistant, water proof, all weather friendly, electric shock proof shoes, Warrior is suited to every industry that wants safety for its workforce. The product range offered by Warrior ensures maximum safety and comfort for every organization. Entire collection can be seen at www.warrior.co.in





Liberty has been the pioneer in the safety shoes market for over a decade now, with 'Warrior', its lead brand in the segment which has earned recognition from across the globe. Warrior is trusted by some of the most reputed national and international brands like Mercedes Benz, Honda, Toyota, Ford, Tata motors, DLF, GMR, Larsen & Toubro, Dell, Nestle, Parle, Whirlpool, Samsung, ITC, PepsiCo, Apollo hospitals, Taj, The Leela, Bharat Petroleum, Reliance, Castrol, to name a few. Chosen by the best brands in the world and conforming to Euro Safety Norms (EN – 345), Warrior safety shoes are recognized as the standard professional gear for workers in light and heavy engineering units as well as defence forces. With a wide range of products with unique safety features like, Steel Midsole, Steel toe cap, Superior fabric, dual density sole, fine leather, antistatic stroble insole and shock absorbing, oil resistant, water proof, all weather friendly, electric shock proof shoes, Warrior is suited to every industry that wants safety for its workforce. The product range offered by Warrior ensures maximum safety and comfort for every organization. Entire collection can be seen at www.warrior.co.in



About Scott Safety



SCOTT SAFETY DELIVERS INNOVATION AND SMART SOLUTIONS

Scott Safety is internationally recognised as a world leader in the design, manufacture and supply of personal and respiratory protection including self-contained breathing apparatus (SCBA) designed for firefighter, industrial and military use; supplied air and air-purifying respirators; gas detection equipment; thermal imaging cameras' accountability systems and head, eye and hearing protection.

Understanding customer needs

Scott Safety's products offer a solution to many workplace safety requirements by providing protection from environmental hazards including smoke, toxic fumes, combustible gases, falling objects and flame contaminants and are designed to deliver optimum protection, simplicity of use, user comfort, low through life costs and simple maintenance.

Scott Safety understands that its customers work in dynamic and sometimes unpredictable situations where a 'one-size-fits-all' solution simply won't work. The company invests in research and development and offers breadth of products, delivering safety solutions that are optimized for changing environments and tomorrow's challenges.

A global company with a local presence

Scott Safety has a training, servicing and assembly facility in the heart of the Middle East to provide dedicated, local support for its customers in the region. The facility enables Scott Safety to provide customers with excellent lead times for local service and delivery requirements across its range of products.

With thousands of people depending on Scott Safety products to protect them in high risk environments, this facility confirms the company's commitment to providing customers with expert advice and guidance on choosing the right product making sure it's delivered on time and with local service and warranty support just a short distance away.

Product training and familiarisation is also possible in a dedicated on-site training suite, where customers can get expert advice and hands on experience of the Scott Safety product range. A full range of courses on Scott Safety product service and maintenance programmes is also available and all courses can be tailored to suit the needs of delegates, with an emphasis on the products in use.

For further information about Scott Safety and its range of products please visit www.scottsafety.com.





About Timberland



TIMBERLAND PRO® EXPANDS ITS BRAND PRESENCE TO INDUSTRIAL PROFESSIONALS IN KUWAIT

Founded in 1999, Timberland PRO® is a leading competitor in the industrial footwear space, creating premium products for markets that have specific on-the-job requirements. Technology, innovation and consumer research are the driving forces behind the success of the brand, as the company aims to continuously improve footwear in all aspects – fit, comfort, durability and safety.

Features found within many Timberland PRO® designs include:

- Timberland PRO® exclusive Anti-Fatigue™ Technology, which absorbs shock with each step and returns energy back to the foot for all-day standing comfort.
- Breathable, waterproof linings, which combat heat stress and wick moisture away from the foot, keeping the foot cool and dry, ideal for hot and humid climates.
- Ergonomic safety toes built on a TITAN® last for foot protection and superior fit.
- A 24/7 Comfort Suspension System designed to help reduce foot fatigue, support the arch and cushion every step, helping workers meet the demands of the work site 24 hours a day, 7 days a week.





About Giasco



GIASCO is a high quality safety shoes manufacturer in North Italy since 1971. We are proud to be part of this sector exporting in 60 countries in the world and providing high quality safety shoes to supply all our customers' requirements.

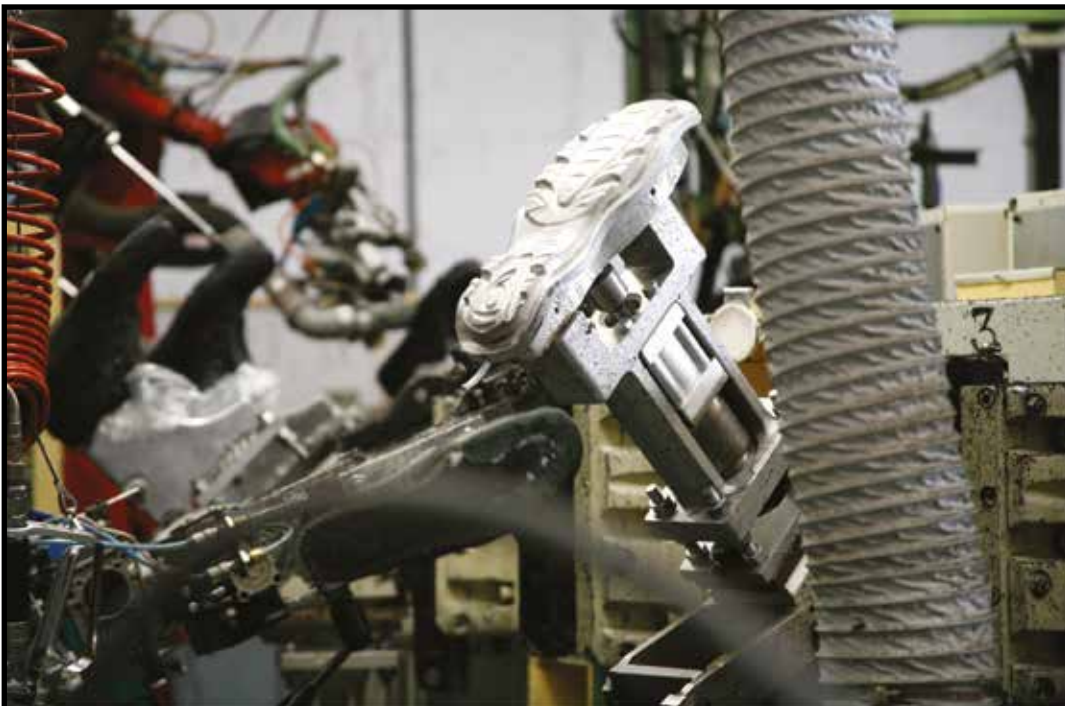
Over 40 years of experience and a modern production site, equipped with a system of the latest generation, makes GIASCO a reliable reality, capable of producing a wide range of footwear to satisfy all needs.

Research and development, design and originality, make our safety footwear a unique product and inimitable. Our team created patented techniques that changed the way of thinking at safety footwear: light, attractive comfortable and with a functional industrial design. A formula that made people wish to wear GIASCO safety shoes even after worktime.

We would like to thank you for choosing GIASCO and for helping us to reach a positive result also this year. We give an exclusive renovation to our range of GIASCO safety footwear, for that, we have included four new lines of products, conceived and designed to offer you a set of new proposals to win in such a demanding market.

Why choose GIASCO:

- High quality and modern design footwear
- Wide store availability and quick delivery
- Made in Italy production
- UNI EN ISO 9001:2008 certification
- Extreme complete footwear range for every use



About VF Imagewear



Welcome to a broad array of well-loved VF Imagewear® brands — Red Kap®, Chef Designs, Bulwark®, Horace Small®, Lee® and Wrangler Hero®.

VFI is part of VF Corporation, one of the world's largest apparel companies. VF Corporation is comprised of over 60,000 employees in 22 countries and over 100 years of experience. VF Imagewear's Bulwark® FR is just one of the brands in the VF Corporation family of well-respected brands including Lee®, Wrangler®, The North Face®, Nautica® and JanSport® — plus many more.

The Bulwark® FR brand is the North American market leader in durable flame resistant protective garments. More people arm themselves with Bulwark than any other FR brand. Bulwark is the only FR brand that brings 40+ years of front line experience, understanding, and insight to the table. Bulwark outfits you with the finest, most advanced, and intuitively designed FR apparel ever made. And supports you with the industry's premier FR education programs and consultative services. So when you see the Bulwark triangle on your left arm, you know you've done everything right.

Over the past six years, Bulwark's international growth has led to development of new products that are designed and suitable for a wide variety of extreme environments from the Arabian Peninsula to the North Sea. As a result of our customer focus, innovative fabrics and cut to order solutions, we supply a broad range of protective and workwear apparel to end users in the Kingdom of Saudi Arabia, Iraq, Kuwait, UAE, Bahrain, Oman, Kazakhstan, UK, France, Canada and Australia.

In addition:

- Industry's Largest Inventory. As the world's largest manufacturer of flame-resistant apparel, Bulwark offers the industry's widest, deepest selection of fabrics, styles and colors.
- Total Traceability. Bulwark is the only brand of flame resistant apparel that tracks every stitch of every garment across 60 manufacturing touch points
- Leading FR Educator. Only Bulwark brings 44 years of frontline FR experience and insight to any given table or training session
- Delivery Without Delay. At Bulwark we fill 99% of stock product orders within 48 hours

In short, VFI is the global leader in designing, implementing and managing uniform and career apparel programs. We will combine that unparalleled expertise, innovation, end-user focus and total commitment to customer satisfaction with the strength of our global parent company, VF Corporation, to deliver functional, comfortable and high quality products and services to your company.



About Veridian



Created in 1992 to serve an established international customer base, Veridian protective products have earned the respect and acceptance of customers around the world. Today, Veridian is growing quickly in the U.S.A. — Offering exceptional quality, comfort, performance, timely delivery and value to fire fighters nationwide.

At Veridian, your needs come first

Fire fighting is a hazardous occupation-unavoidably dangerous and risk-filled at every turn. Acknowledging the need to provide superior protective products. Veridian makes no compromises in constructing comfortable, performance-based protective apparel. Every piece of Veridian gear is engineered with more material, triple-stitched seams, and dozens of performance-oriented features. Among them:

High-quality, high-performance fabrics; Superior construction to assure durability and consistent sizing; Ergonomic designs to enhance mobility and reduce heat stress; Superior 360 torso protection engineered to exceed flame, water and viral penetration requirements of NFPA standards.

And we don't stop there. We go to great lengths to assure that our expertise, technology, tools and quality control systems result in exceptional product quality, a record of on-time delivery and products of superior value for our customers.

Quality + Performance + On-time delivery = Value

All Veridian gear is custom made to your specification. Veridian's focus on fire fighters' needs drives our common-sense approach to product design and construction. So you get consistent, high-quality protection that's also a good value. That's how Veridian's protective gear has earned the trust of fire fighters around the globe. And that's how we intend to keep it. Veridian styles are available to meet and exceed the performance requirements of different world standards including NFPA Standards 1971, 1977, 1851 and 1500 current editions; OSHA Title 29 CFR, and CAL-OSHA Title 8 Section 3046. Veridian gear is UL Certified to applicable NFPA Standards.

The Veridian Difference

Fire Fighting apparel is constructed using heat-flame- and moisture-resistant materials. What makes Veridian different is we listen carefully to the needs of our customers. And we respond. With superior protective garments that maximize mobility and comfort. With consistent, high-quality construction that assures durability and performance. And with a long list of standard features and options that let you maximize functionality and personal safety within your budget.





Every day, thousands of professional and industrial workers count on Ansell products and solutions to protect them and help them perform better. The Ansell brand, the industry expertise and the superior technology of a market leader in protective solutions that we are, gives them confidence and peace of mind.

Ever since its establishment, Ansell has been working hard to raise awareness about the importance of Personal Protective Equipment (PPE) and to continually enhance its solution portfolio. Our commitment has made us a market leader, both in EMEA and on a global level. From the Automotive, Metal Fabrication, Machinery & Equipment, Public Utilities, Transportation and Building & Construction through to the Chemical, Oil & Gas, Pharmaceuticals, Electronics and Food industries: workers in every industry are able to find Ansell protective solutions that perfectly match their needs.

By acquiring the French Comasec and the Swedish Trelleborg Group, in 2012, Ansell took two major steps to expand into its field of PPE. Our portfolio now includes the former Comasec® and Marigold® Industrial protective gloves and the world-renowned Trelchem® and Viking™ chemical protective suits and dry diving suits.

This catalogue contains a special product selection to reflect customer needs in Africa. The complete Ansell industrial range is much broader, featuring products from the acquisitions made in 2012 of both Comasec and Trelleborg, along with the latest Ansell innovations. To view the entire Ansell industrial product portfolio, please visit the online catalogue at www.ansell.eu.

Do you have questions on a (new) solution? Wish to sample a particular product or compare several product types? Our Territory Sales Managers and Customer service team will be very happy to help.

Peter Dobbelsteijn

Chief Commercial Operations - EMEA/APAC





About Capital Safety



Capital Safety's industry-leading products and solutions, which include harnesses, lanyards, self-retracting lifelines and engineered systems, are sold through the globally recognized brands DBI-SALA® and Protecta®.

These iconic brands are highly valued by customers and renowned for their emphasis on quality, functionality, reliability and innovation. Capital Safety products bring workers at height home safely after every workday.

It's important to always be thinking about fall protection. Keep your employees trained, keep up-to-date copies of the latest standards and inspect your fall protection equipment on a regular basis.

We recommend every employee participates in a comprehensive training program to create the knowledge and skill base necessary to protect workers at height. At the end of the day, every worker deserves to go home safely, so they can live life to the fullest tomorrow.

The Ultimate in Fall Protection

DBI-SALA® is known as the premier brand of fall protection and rescue products around the world. For more than 65 years DBI-SALA® has provided – and still provides – the best solutions for workers at height, no matter which industry you work in. DBI-SALA® equipment is legendary for its comfort, ease of use, adjustability, durability and reliability. We offer more than 15,000 equipment choices — the broadest line of fall protection equipment on the planet. From Kevlar®/Nomex® flame resistant harnesses and specialised sealed self retracting lifelines to customised confined space and horizontal systems, you get gear that's made for you. Every DBI-SALA® product carries a 100% satisfaction guarantee and a limited lifetime warranty.

Trusted, Quality Fall Protection

Protecta® products stand out under some of the harshest conditions. For more than five decades, Protecta® has proven its reliability job after job. Protecta® equipment provides a combination of practical affordability and simple compliance. Our extensive line of safety equipment ranges from basic harnesses and lanyards to complex, industry-specific anchorage connectors with no compromise on quality. Protecta® has many of the same features as higher priced equipment, such as ergonomic design, impact indicators, serial numbers, steel hardware, accessories and options for specialised needs and budgets. Protecta® gear meets or exceeds the world's most stringent standards and codes.



About Brady



Brady Corporation is an international manufacturer and marketer of complete solutions that identify and protect people, products and places. Brady's products help customers increase safety, security, productivity and performance and include high-performance labels, signs, safety devices, printing systems and software. Founded in 1914, the Company has a diverse customer base in electronics, telecommunications, manufacturing, electrical, construction, medical, aerospace and a variety of other industries. Brady is headquartered in Milwaukee, Wisconsin and as of July 31, 2016, employed approximately 6,400 people in its worldwide businesses. Brady's fiscal 2016 sales were approximately \$1.12 billion. Brady stock trades on the New York Stock Exchange under the symbol BRC.

- **Mission**

Brady's mission is to identify and protect premises, products and people.

- **Vision**

Brady's vision is to be the market leader in all our businesses in order to achieve sustainable long-term shareholder value.

At Brady, commitment to exceptional performance drives our business decisions every day. We design our products to perform in ways that others simply can't. Our people perform in ways that regularly exceed expectations. And our focus and discipline as a company has led to solid, long-term performance for our shareholders. In short, when performance matters most, Brady is the right choice.



About Nightstick



Nightstick Intrinsically Safe Portable LED Lighting by Bayco Products, Inc.

As a global brand of professional lighting products, including flashlights, floodlights, headlamps and numerous Intrinsically Safe lighting solutions, Nightstick products exceed industry standards in performance, quality, user-safety, and value. Our vast line-up of Intrinsically Safe certified LED lighting products delivers critical explosion-proof protection and optimal performance for the most demanding hazardous industrial work environments.

For more than 35 years since our beginning in 1984, Bayco has served the needs of professionals in multiple industry sectors including oil and gas, mining and manufacturing. Working closely with the hard-working men and women who can't sacrifice performance for the sake of safety, we design lighting solutions that fill the need for reliable, tough and long-lasting light when remote environments demand performance without interruption or failure.

Our hazardous environment safety certification program works in collaboration with well-known and respected third-party testing labs including U/L and ETL to extensively test safe operation, often to destruction, on all our intrinsically safe-certified lights. This process ensures they are not approved for production until they pass the most stringent requirements to be Class I, Div 1, ATEX, IECex and Zone 0 approved.

Nightstick products are built not only with lumen ratings that exceed most competitor products, but also with optimized performance characteristics such as; candela, beam distance and run-times. Throughout the design process we take into consideration all of these factors for the best efficiency, longest run times and best performance. Our products are designed and manufactured using the best quality housing materials, precision engineered reflectors, real-world switch functionality, state-of-the-art electronics and the latest generation battery technology. Innovative thinking is reflected across the complete line of products, like our exclusive Dual-Light™ design. Combining a flashlight and a floodlight into a single light with the ability to turn both on simultaneously is altering the idea of what a flashlight is capable of.

All products produced at our dedicated ISO 9001 certified factories undergo rigorous quality control inspections conducted by independent 3rd party inspectors at multiple points during the manufacturing process. Additional quality control inspections take place as products arrive and leave the distribution facility. Each product is backed with a warranty and a 100% customer service satisfaction experience.

Nightstick's vast line-up of LED lighting products delivers optimal performance with real-world applications in mind. With an unwavering commitment to product quality and exceptional customer service, Nightstick – Life Depends on Light™.

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www.nightstick.com



About Work Master



Established in Hong Kong since 1986, WORKMASTER GROUP Company has been extending our best services to our customers all over the world in safety and industrial apparels e.g. Work Coverall, Uniform, 2 Piece Suits and Shop Coat, Safety Shoes, Work Gloves and Related Apparels as Safety Vest, Goggle, and Helmet. Under the flag of WORKMASTER PRODUCTS MFY - our mother company, we have in these 27 years developed our ready network of factories and branch offices in China, Germany, Norway, U.A.E, and Singapore.

Our brand "WORKMASTER" has been selling popularly all over the world especially in G.C.C. countries. We supply in wide varieties of business as like Oil-field Supplies, Construction Companies, Catering and Cleaning Services, and Government Sectors.

We specialize in customized designs and we supply over 70 brands for specific customers. We have from premium to economical quality ranges and we aim to service every sector of customers.

Our well trained QC system provide quality assurance and we are ready and dedicated to provide our expertise and Excellency in our products.





Spencer has been inventing solutions for emergency services since 1989. Our research and development has its roots in the dynamic world of EMS today and we strive with passion to offer answers to the delicate necessities of rescue respecting high standards of quality.

Today a range of 1.700 Spencer products are being used all around the world by cutting edge clients. As a manufacturer, we have numerous quality certificates, which guarantee the requirements in the fields of emergency, medical and mortuary today.

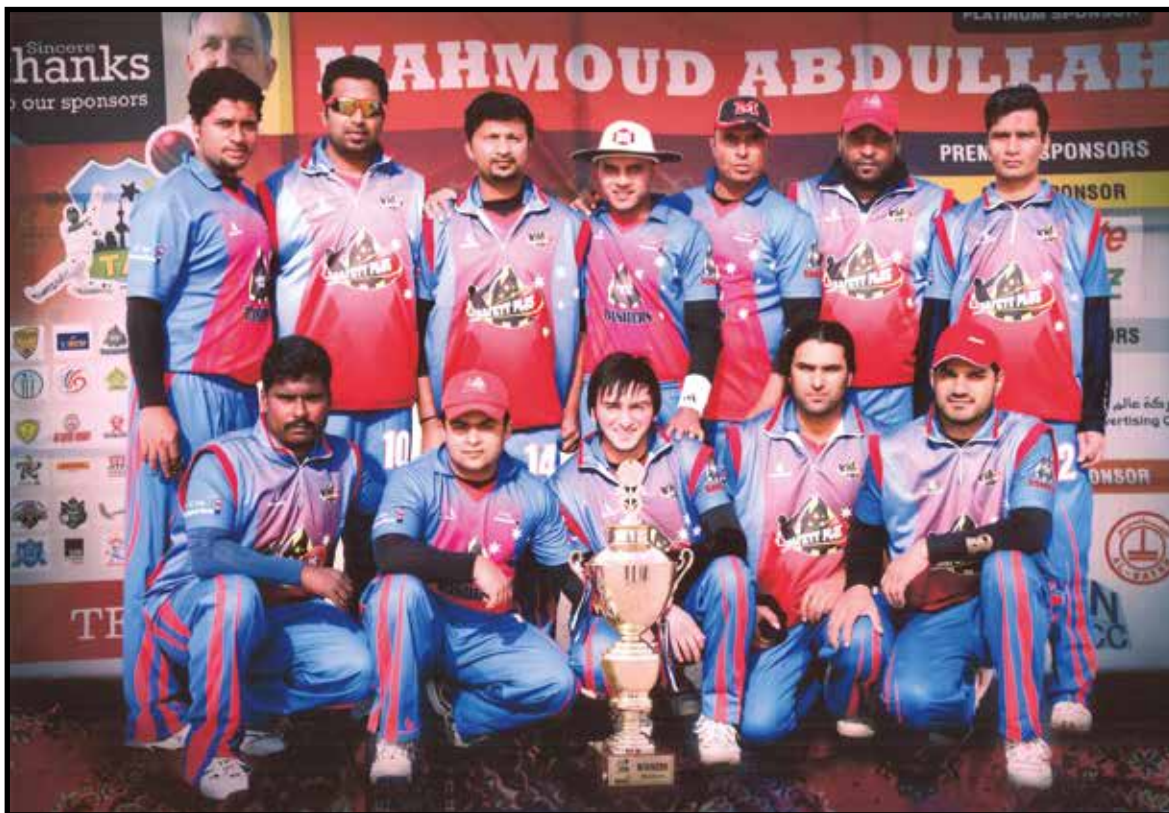
When we speak of safety, quality is not an option. It's the minimum requirement if we want a product made to last. Every Spencer project is developed with the intention of redefining new standards in quality.

We want to beat the expectations of even the most competent and demanding client; face and resolve the most complex problems in emergency and make the superior quality of our products clear and easy for all to see and understand.

Constant contact with our clients and end users: essential to reach top quality levels and to feed the true soul of innovation.



Safety Plus World Cricket Team



Safety Plus World Cricket Team, sponsored by Raja Company started participating in the Professional cricket leagues organized by TACK, Kuwait Cricket, Kuwait Oil Company, Gulf Consult & Other private bodies in Kuwait Since 2006. Since then, the team had participated in almost all the cricket tournaments around Kuwait.

Safety Plus World Cricket Team has thrived on a precise aim of promoting the game as an equal opportunity for all its players to demonstrate their skills, and developing the sport by contributing in utmost ways that may lead towards the betterment of cricket in Kuwait. In pursuit of such promotion and development, Raja Company has taken the initiative of selecting players from Kuwait and India, enabling them to demonstrate their skills both on and off the field, and more importantly, making the cricketing environment in Kuwait a lot more exciting and competitive. In order to encourage the efforts, hard work, and mental determination of these players and all the other players, Raja Company Management has also taken the initiative to provide incentives in the form of monetary value, whereby the performances of the best batsmen and the best bowler for each match are fully acknowledged with great enthusiasm. In doing so, Raja Company Management encourages other clubs to pursue a similar path as it guarantees the everlasting promotion, competition, and development of cricket in Kuwait.

Safety Plus World Cricket team over the years have bagged some great victories and championships and Team stand under Top three teams of Kuwait.



OUR TEAM



SAFETY PLUS WORLD FALL PROTECTION SERVICE CENTER



SAFETY PLUS WORLD SCBA & GAS DETECTION SERVICE CENTER



RETAIL OUTLET



SUPPLY CHAIN & LOGISTICS



RECENT ACCOLADE

Solar Flashing v/s Standard Flashing Light

Comparison Sheet



Sol-R-Lite®	Double Sided Flashing Light
Works on Natural Solar Power	Works on 2.9V Batteries
Works Trouble Free & is More Cost Effective	Requires a Battery Change every 4-5 Days
Works Only when required i.e. "ON AT DUSK OFF AT DAWN"	Has to be manually switched off & requires Man
Comes with 3 Month Warranty	No Warranty
Small and Compact But Still Gives More Light and Brightness than the Battery Powered Flashlight	Bigger in Size (Takes More Space in the Warehouse)
Comes with Reflective Tape & Has a Higher Reflective Property for more Safety	Comes without a Reflective Tape
360 Visibility, Lower Chances of Accidents - Maximum Visibility	Visible only from Front & Back - No Visibility from the Side
Can be easily Mounted onto a Traffic Cone or fixed on a Wall with a Brace (Clamp)	Cannot be Mounted on a Traffic Cone, hence must be tied to a Traffic Cone or a Barrier
Durability under normal working conditions: 10-12 Months	Durability under normal working conditions: 2 9V Batteries: 1 Week
In a Month only 1 Solar flashlight is Required: K.D. 7.000	In a Month 8 x 9V Batteries are Required: 8 x K.D. 0.275 = KD 2.200
In 10-12 Month still only 1 Solar Flashlight is Required	In 10 - 12 Months approx. 85 Batteries are Required: 85 x K.D. 0.275 = 23.375

Ansell Oceanic v/s Standard Leather Gloves

Comparison Sheet



LEATHER GLOVES	ANSELL OCEANIC GLOVES
Loose Fit	Perfect Fit
No sizes Available	Available Size 6 to 11
No Grip	Grip: Nitrile
No Certification	CE/EN Certified
No Oil/Water/Grease Repeller	Oil/Grease/Water Repeller
Not Washable	Washable
Last for 1 to 2 Days	Last for 7 to 15 Days

Cost (Monthly Consumption)	Cost (Monthly Consumption)
Price: 0.300/pair	Price: 0.500/pair
Replacement: Every 2 days	Replacement: Once a week (7 days)
$0.300 \times 15 \text{ days} = \text{KD. } 4.500/\text{Month}$	$0.500 \times 4 = \text{KD. } 2.000/\text{Month}$

* Note: Above mentioned prices are estimates taken while producing this catalogue and subject to change at time of purchasing

Ansell Senslite v/s Standard Dotted Gloves

Comparison Sheet



DOTTED GLOVES	ANSELL SENSLITE GLOVES
Loose Fit	Perfect Fit
No sizes Available	Available Size 8 to 11
No Grip	Grip: Nitrile
No Certification	CE/EN Certified
No Oil/Water/Grease Repeller	Oil/Grease/Water Repeller
Not Washable	Washable
Last for 1 Days	Last for 7 Days

Cost (Monthly Consumption)	Cost (Monthly Consumption)
Price: 0.120/pair	Price: 0.500/pair
Replacement: Every 2 days	Replacement: Once a week (7 days)
$0.120 \times 30 \text{ days} = \text{K.D. } 3.600/\text{month}$	$0.500 \times 4 = \text{K.D. } 2.000\text{month}$

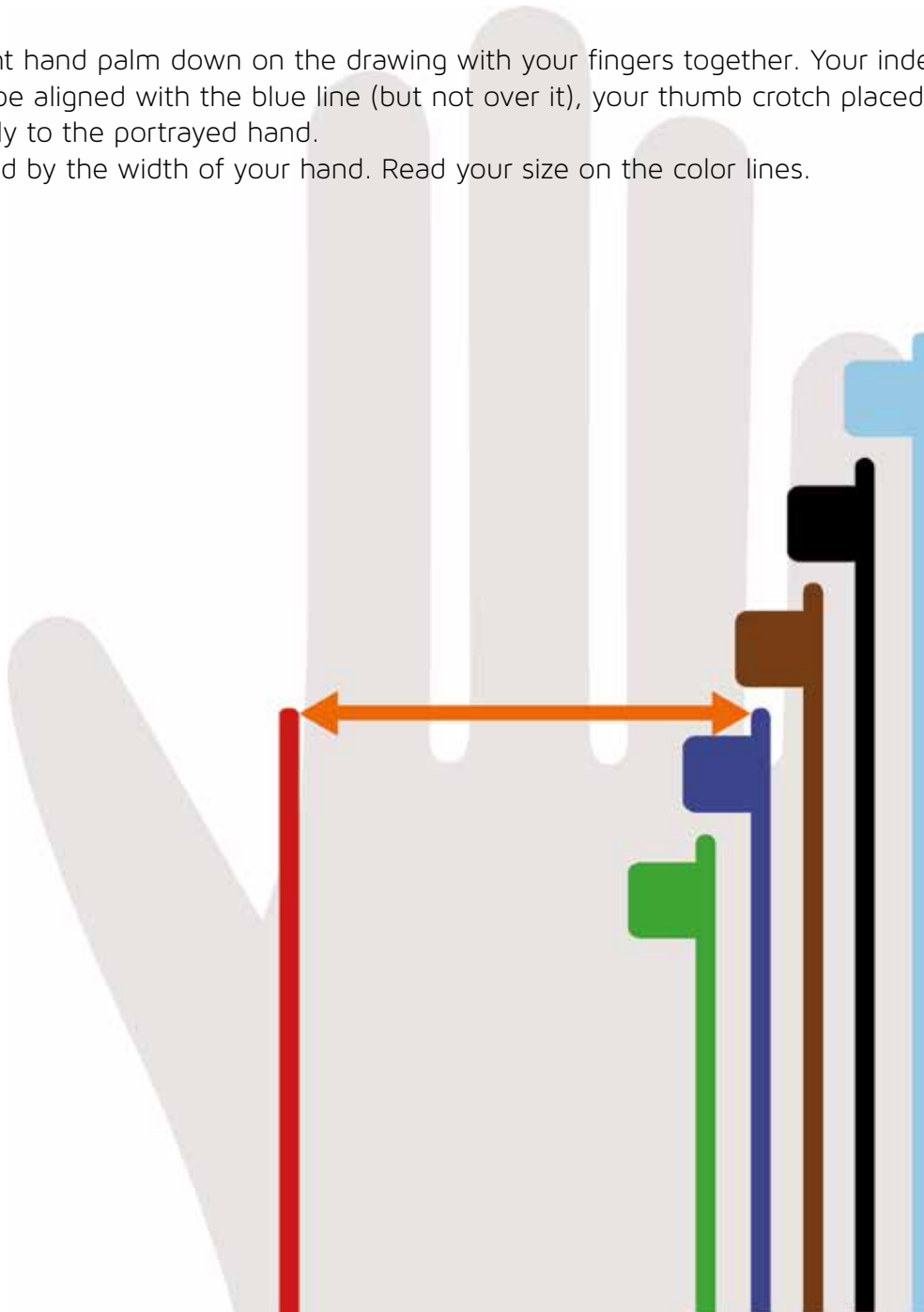
* Note: Above mentioned prices are estimates taken while producing this catalogue and subject to change at time of purchasing

Gloves Sizing Chart

Place your hand here to know your size...

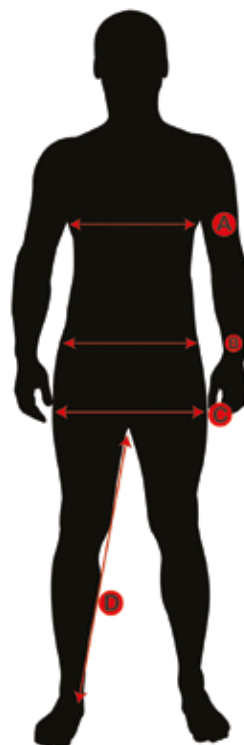
Instructions

- Place your right hand palm down on the drawing with your fingers together. Your index finger should be aligned with the blue line (but not over it), your thumb crotch placed correspondingly to the portrayed hand.
- Size is indicated by the width of your hand. Read your size on the color lines.



Coverall & Footwear Sizing Chart

Comparison Sheet



Coverall Size Chart						
Size Range	S	M	L	XL	2X	3X
Chest	34-36	38-40	42-44	46-48	50-52	54-56
Waist	28-30	32-34	34-36	38-40	40-42	44-46
Inseam Approx.	32	32	32	32	32	32
Short Inseam Approx.	30	30	30	30	30	30
Tall Inseam Approx.	34	34	34	34	34	34

* To select the appropriate pants size, please refer to the hip measurement on the Model

FOOTWEAR						MENS					
USA	5.5	6.5	7	8	8.5	9.5	10	11	11.5	12.5	13
UK	5	6	6.5	7.5	8	9	9.5	10.5	11	12	12.5
EUR	38	39	40	41	42	43	44	45	46	47	48
JPN	23.5	24.5	25	26	26.5	27.5	28	29	30	31	32

Our Brands





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