

CATALOGUE

■ 7th Edition ■





Mr. Simon Quek Hong Kiat
Managing Director

VISION ■	—	<i>To be Asia's most reputed comprehensive safety solution provider for the workplace and household</i>
MISSION ■	—	<i>To be an advocator and educator for a safe environment for every workplace and home, bringing fulfillment and enjoyment in life to everyone by safeguarding people's safety</i>
CORE VALUE ■	—	<i>A Heart for People's Lives</i> - Honest - Earnest - Achieving - Responsible - Team Player

Established in 1960, QSS Safety Products (S) Pte Ltd is a renowned safety products specialist and solution provider with its base in Singapore, manufacturing Personal Protective Equipment under the brand Quebee, Safeware, and Walkmaster. QSS is also the key distributor for major brands of safety equipment such as 3M, Ansell, Dupont, Honeywell, Wayne Plastic Scott GMI and many others.

QSS is an ISO 9001, SS620 (GDPMDS), ISO 45001 and Bizsafe star certified companies and the proud winner of the Professional Enterprise Award (Prestige) and the Prestige brand award under the Heritage brand category.

QSS advocates "Work safely for for a Happy Family and Fulfilling Life". With the enthusiasm and passion for life, QSS aspired to be a Green Cross Ambassador to contribute to hundreds and thousands of happy families and fulfilling life through cultivating personal safety, and a safe environment to work and live on.

QSS is committed to constantly invest in human resources to improve our staff professionalism and service quality, and innovate in product variety. Create more value for business partners for mutual prosperity.

Other Services:

Apart from PPE products and training, we also provide services, such as:

- Site survey
- Product training
- Product installation & equipment calibration
- Respiratory fit testing (SS548 requirements)
- Hazardous spill response training
- ISO 14000 requirements



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OUR BRANDS

Quebee

SAFWARE

WALK MASTER

BLACK STALLION

3M

Ansell

ARTILUX
SWISS SAFETY

TEMPEX

Honeywell

WAYNE
YOUR SYMBOL OF CONFIDENCE

TENCATE

GLOVE GUARD LP
MANUFACTURING INNOVATIVE DESIGNS
WITH SAFETY IN MIND

DUPONT

DALLOVE

ALPHA
SOLWAY

Quebee
Tecasafe plus

TEMPSHIELD
CRYO-PROTECTION™

SYSBEL®

REGELTEX

ZOLL

SELECTION

of SAFETY HELMETS/ BUMP CAPS



Factors to be consider :

The helmet chosen should offer the desired protection and comfort and not create any additional safety problems

- Potential hazards anticipated
- The style of the helmet / cap
- The material of the helmet / cap
- The colour of the helmet / cap
- Comfort and fitness
- Adaptability of accessories
- Meet international / National standards



HEAD PROTECTION



QB Safety Helmet QB-AQM2

- A super lightweight, durable and impact resistance short peak safety helmet
- Made from high density polyethylene or ABS material
- Excellent comfort and perfect impact protection with six point suspension
- Universal slot that is adaptable to most accessories
- Approved to EN397, SS98



P3 QB-LR-P3- AQM2-RAT

Plastic suspension with wheel ratchet headband adjustment for AQM2

QB Safety Helmet QB-AQM3

- An all time favourable design that are widely accepted at all level
- Lightweight, durable and impact resistant
- Made from high density polyethylene material
- Excellent comfort and perfect impact protection with six point suspension
- Approved to EN397, SS98



P7 QB-LR-P7-AQM3-RAT

Webbing suspension with wheel ratchet headband adjustment for AQM3



P8 QB-LR-P8-AQM3-SLIP

Plastic suspension with slip ratchet headband adjustment for AQM3

HEAD PROTECTION



QB Safety Helmet
QB-AQM8

- Product code: QB-HM-AQM8-WHITE
- Revolution design with comfort, performance and style
- Reduced peak for better vision while working at height
- Universal slot that is adaptable to most accessories
- Six point double nape stripe and wheel ratchet
- Made from high density polyethylene
- Approved to SS98, CE EN397



P12
QB-LR-P12-AQM8-RAT

Webbing suspension with wheel ratchet head band adjustment for AQM8



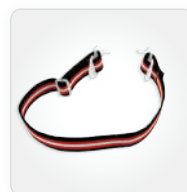
Helmet Accessories



P4
QB-AS-P4
Sweatband



P5
QB-AS-P5
Elastic chin strap with chin cup



Safeware
SW-NLCS-BSA
Nylon chin strap



Safeware
SW-PVCCS
PVC chin strap



Quebee Baseball Cap is a revolutionary step forward in head protection. The removable ergonomic protective shell composed of ABS polyvac provides maximum safety and comfort using stabilizers, anti shock foam cushioning, ventilation points and an anti sweatband. The light weight machine washable nylon shell with large side ventilation panels provides optimum comfort, with an adjustable Velcro strap for easy adjustment.

- Provide a variety of colors for different workplace
- Lightweight at approximately 170 grams
- External fabric securely fitted to shell by velcro
- Come with reflective tape for better visibility
- Available in black, blue, grey and yellow fluorescent
- Approved to CE EN812/A1



QB-BC-SC01SS-BK
Black



QB-BC-SC02SS-NB
Navy Blue



QB-BC-SC03SS-GE
Grey



QB-BC-SC02SV-NB
Navy Blue- short peak



Safeware Baseball Cap [SW-SM-913-56-BU](#)

* Logo embroidery available as requested

- Sports working cap
- Insert with high quality plastic shell
- Provide good protection with additional soft pad for shock absorbing
- Approved to CE EN812:1997
- Available color: Blue



Safeware HDPE Bump Cap [SW-SM-903-56](#)

- Light weight working cap for general workplace
- HDPE cap material
- Approved to CE EN812:1997
- Available Colors: Blue, Yellow, White





PROTECTIVE EYEWEAR



Eye and face protection must be selected based on the hazards to which the worker is exposed. The first step is to identify the hazards in the workplace

Hazards involved eye injury is as follow:

- Impact (flying particles, sand, welding spark, etc.)
- Dust (nuisance dust)
- Chemical (splash and mists)
- Optical radiation (glare, welding, cutting, torch brazing, etc.)
- Thermal (hot sparks, splash from molten metal, high temperature exposure)
- Electrical (short-circuit, electric arc, etc.)

Protective eyewear selected based on the above hazards can have the following lens features:

- Polycarbonate material for impact resistance
- Radiation absorptive such as UV, IR, visible lights, blue lights etc
- Anti-fog coated
- Hard coated for scratch resistant
- Optical class 1

Approved to one or more of the following standards:

- ANSI Z87.1 1989 (USA)
- EN166 (EUROPEAN)
- SS473 (SINGAPORE)
- JIS (JAPAN)
- AS/NZ 1337 (AUSTRALIA / NEW ZEALAND)
- CSA Z94.3 1988 (CANADA)

EYE PROTECTION



QB Chemical Goggle QB-SG5903-CLR

- Excellent field of view for improved safety and wearer confidence
- Impact resistance against high speed particles at extremes temperature
- Indirect ventilation design helps provide protection against liquids, dust, gases & vapors
- General designs and flexible nose bridge for improved comfort
- Broad, fully adjustable headbands for optimum fit and reliable protection
- Protection against UV radiation
- Anti-fog coating help prevent fogging and enhance safety
- Can be worn over most prescription spectacles
- Optical class 1 Quality
- Meet ANSI Z87.1, CE EN166 standards



QB ChemGuard Pro QB-HY-YZ-2-AF

- Lightweight goggle with indirect ventilation
- Soft, flexible vinyl frame
- Anti-fog, polycarbonate lens
- Ideal protection against dust, impact and chemical splash
- Meets CE EN166 standards

QB Phantom 5900

- Ultra lightweight
- Universal nose bridge
- Unobstructed wide vision lens
- High impact and scratch resistant polycarbonate lens
- Filters out 99.9% of all harmful UV radiation
- Meets ANSI Z87.1-2003, CE EN166 standards



QB-5900-HC-SMK



QB-5900-HC-CLR



QB-5900-HC-IO

QB Viggen 1910-K

- One-piece lens, with dual 9.75 base curvature, snugly fits all kinds of faces and provides full eye-protection against high impact at the same time
- Optical class 1 lens offers users the clearest and the most panoramic view without obstruction
- Anti-fog lens (Clear lens only)
- Modern co-material temple design with soft temple tips



QB-1910-K-HC-CLR-AF



QB-1910-K-HC-IO

- Suitable for various working environments
 - Polycarbonate lens filters out 99.9% of harmful UV light
- Meet ANSI Z87.1, AS/NZS 1337.1 and CE EN166 standards

EYE PROTECTION

QB Zoom 7724

- Fashionable design, suitable for both men and women
- Close-fitting, unitary front with dual 9.5 base curved lens offers wide and unobstructed vision
- Universal bridge fits almost all face contours
- 100% polycarbonate lenses filter out more than 99.9% of harmful UV radiation
- Meet ANZI Z87.1-2003



QB-SS-7724-SMK



QB-SS-7724-CLR



QB-SS-7724-HC-IO

QB Skyraider 2048

- Made from 100% polycarbonate
- Fits over prescription frames
- Full front, side and top (brow) protection
- Suitable as everyday use safety spectacle
- Optical Class 1 Quality lens
- Filters out 99.9% of all harmful UV light
- Meets ANSI Z87.1-2003, CE EN166 standards



QB-2048-CLR

QB Python S21

- A fashionable close fitting design, offer wide and unobstructed vision
- A styling co-injection temples which resembles sunglasses that is suitable for both men and women
- Lightweight and comfortable for all day use
- High impact scratch resistant polycarbonate lens
- Filters out 99.9% of harmful UV radiation
- Soft Asian nose bridge
- Anti-fog lens (Clear lens only)
- Meets ANSI Z87.1:2003, CE EN166 standards



QB-S21-HC-CLR-AF



QB-S21-HC-IO



QB Phoenix 2101

- 8 base curved lenses provide excellent coverage and maximum field of vision, without the distraction of seams or traditional type side shield
- Semi-frame with direct ventilation system help reducing possible fogging
- Slim temple design with 4 position temple length adjustment provides great fitting for users
- Sleeve in soft nose pieces provides snug fitting
- High impact resistant anti-scratch lens
- Lenses provide 99.9% of UV radiation
- Anti-fog lens (Clear lens only)
- Meet ANSI Z87.1-2003, CE EN166 standards



QB-2101-HC-SMK



QB-2101-HC-CLR-AF



QB-2101-HC-IO

QB Raven Visitor 5064

- Stylish and compact overspec accommodates most prescription frames
- 5-curved design can be assembled with prescription lenses according to users' need
- Full front, side and top protection with high impact resistance
- Soft earpiece provides a secure and comfortable fit
- Scratch-resistant, hard coated poly-carbonate lens filters out more than 99.9% of harmful UV light
- Meets ANSI Z87.1 - 2003, CE EN166 standards



QB-5064-HC-CLR-AF

QB Harrier 5400

- Ratchet angle adjustable temple
- Length adjustable temple
- Extra large flat (base 2) lens fits over prescription frames
- Optical Class 1 Quality Lens
- Filters out 99.9% of all harmful UV light
- Full side and brow protection
- Meets ANSI Z87.1-2003, CE EN166 standards



QB-5400-TA10-HC-CLR

EYE PROTECTION

QB Raider SG511

- A combination of fashion, style and lightweight safety spectacle that provides a wide view of your work place
- High impact & scratch resistant polycarbonate lenses
- Filters out 99.9% of all harmful UV radiation
- Adjustable template to customize the fit to your head
- Frame colours available in dark blue, red/ white/ blue, yellow/ black/ yellow
- Lens colours available in clear and smoke
- Meets ANSI Z87.1-2003, CE EN166-F standards



QB-SG511-1-DB-CLR

Spectacle Accessories



Spectacles String QB-A7-BLK



3M-83735-00000

3M™ Super-clear™
Disposable Protective
Eyewear Lens Cleaning
Station (1520DM)

Features:

- Contains 16 oz. pump and bottle of cleaning fluid
- Contains 1500 sheets of lens cleaning paper
- Ready to hang



Spectacles Bag QB-D401-BLK



Selection of Eye & Face Protection

A face shield is a device used to protect wearer's entire face (or part of it), in addition to the eyes, from impact hazard such as flying objects, road debris, chemical splashes (in industry), or potentially infectious fluid (in medical). On many construction sites you will find workers using face shields to protect their eyes and face from flying debris or sparks. Many tools that involve cutting and working with metal recommend the use of a face shield. Examples would be workers that are using welding equipment or metal cutting saws.

- Face shields are required where facial skin protection is needed. They can only be used in conjunction with eye protection. The face shield is not a substitute for the safety glasses or goggles. Face shields shall be used only in conjunction with spectacles and/or goggles
- Shaded eye/face protection is required for radiant energy sources from arc and gas welding, soldering and brazing, laser, ultraviolet, and infrared. Facial injuries can be life-changing, and that's why face protection is vital in many industries. Sparks, flying debris, splashing chemicals and even dust from grinding and woodworking applications all pose a risk. From simple eye protection to face shields that cover the entire face, your workers need to stay safe on the job.

EYE & FACE PROTECTION

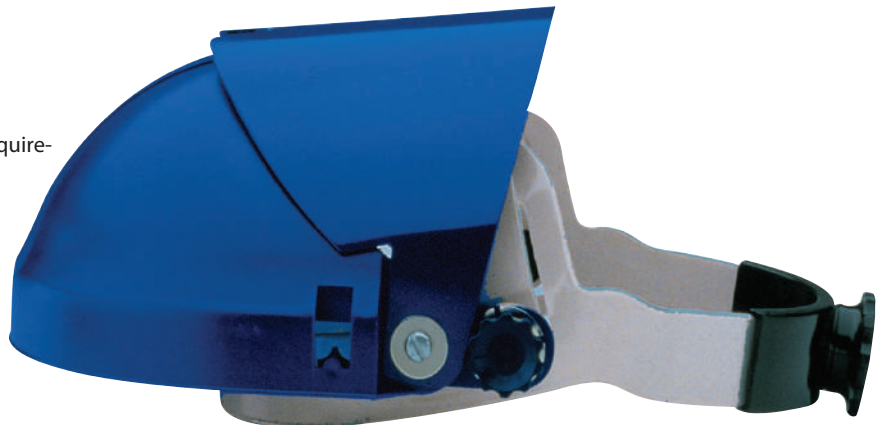
3M H8A - Headgear with Ratchet 3M-82501-00000



- Adjustable ratchet suspension
- Five position crown strap
- Headgear gives users a wide choice of faceshield materials, sizes, shapes and tints for task specific requirements
- Offers durable head protection to workers in metalworking, utilities, wood working and many other industries
- Meets the requirements of ANSI Z87.1-2003

3M H10 Headgear with Crown Extender / Protection 3M-82516-00000

- Adjustable ratchet suspension
- Crown extender for added coverage
- Five position crown strap
- Headgear gives users a wide choice of faceshield materials, sizes, shapes and tints for task specific requirements
- Meets the requirements of ANSI Z87.1-2003



3M WP96 Clear Polycarbonate Faceshield 3M-82701-00000

- Molded stock
- Clear faceshield
- Developed for use in metalworking, utilities and many other industries
- 3M™ Easy-Change™ Faceshields mount quickly to 3M headgear
- Size: 9" tall x 14.5" wide x 0.08" thick
- Meets the high impact requirements of ANSI Z87.1-2003





3M WP96X Wide Clear Polycarbonate Faceshield 3M-82582-00000

- Flat stock
- Larger faceshield size helps provide additional coverage area
- 3M™ Easy-Change™ Faceshields mount quickly to 3M headgear
- Meets the high impact requirements of ANSI Z87.1-2003



Visagom 3500 AL-V3733500

- Lift-front helmet attachment for face screens
- Without metal parts
- Special version for electricians
- Available with face shields in size: 345 x 200mm (fog-free)
- Meets CE EN166F
- Face shield & Helmet sold separately

Visorama 3800 AL-V3733800

- Headgear with lift-front part
- Headband adjustable by wheel
- Available with face shields in size: 345 x 200mm (fog-free)
- Meets CE EN166F
- Face shield sold separately



FC48 Clear Visor SW-FC48-C

- Clear Polycarbonate with Aluminum Bound
 - Size: 8" X 15 1/2" X 1.0mm
 - For A3 & A4 Visor Holder
 - For SW176 Headgear
 - Headgear sold separately
- *Picture for illustration only*

SW-A4 Visor Holder SW-A4

- All aluminum visor bracket, assemble with safety helmet and visor



- The physical configuration of the jobsite
- Worker medical condition
- Worker comfort
- Chemical and its physical properties
- Toxicity and concentration of the hazardous material
- Oxygen Deficiency
- Extreme Temperature
- Other selection factors such as nature and extent of the hazard, working rate, mobility, work requirements and conditions, as well as the limitations and characteristics of the available respirators

Types of Respirators:

- Particulate respirators (Disposable)
- Gas and vapor respirators (Half and Full face piece)
- Powered air-purifying respirator (PAPR)
- Air supplied respirator (Airline System)
- Self-contained breathing apparatus (SCBA)

RESPIRATORY PROTECTION

QB N95 Particulate Respirator QB-910I-N95 / QB-910IS-N95

A highly efficient micro filter coupled with high quality material and design, QB910I & QB910IS respiratory is one of the most reliable and affordable respirator in the market. Quebee N95 particulate respirators are soft and comfortable to wear, with interior foam flaps for a snug and effective fit around the nose. Head straps securely fastened on the mask also enhance the effectiveness of its filtering performance. In addition, it meets the NIOSH N95 particulate respirator requirements for protection against micro-organisms, dust and mist not containing oil.

- Comfortable to wear and easy to use
- Lightweight and therefore promotes greater workers' comfort and longer wearing time
- Provides an economical way of protection
- Two sizes available to ensure facial fit
- Adjustable nose clip to provide a custom fit and secure seal
- Reduces the potential for eyewear fogging
- Provides a 95% filter efficiency when subjected to a 0.3µm particle challenge
- Collapse resistant shell construction made to withstand hot and humid conditions
- State-of-the-art filter media provides low resistant filtration
- Approved to NIOSH 42 CFR Part 84 Standards



9300 Series Respirators

The advanced 3 panel design of the 3M 9300 series respirators means they are easier to breathe through and not prone to collapse. Being foldable they offer you more convenience than traditional cup shaped respirators. Its features include a headband material which keeps a near constant tension, reducing strap pressure and ensuring a secure fit to the face for a range of head sizes. The 3M™Cool Flow™

9310, FFP1

3M-9310



- EN149, FFP1, FFP2 and FFP3 protection
- Soft outer fabric, adjustable nose clip
- Soft, sweat absorbent foam above the nose
- Even-tensioned head straps which eliminate strap pressure
- Unique and highly efficient Cool Flow valves to reduce heat build up
- Low profile design to guarantee good field of vision
- Easier to talk through

9312, FFP1



3M-9312

9320, FFP2



3M-9320

9322, FFP2



3M-9322

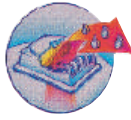
9332, FFP3



3M-9332

RESPIRATORY PROTECTION

3M Respirators Unique Technologies



Cool Flow™ Exhalation Valve
Patented one-way valve for easy exhalation and cool, dry comfort



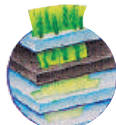
Advance Electret Media
Patented filter media with electrostatically charged micro fibers help make breathing easier and cooler



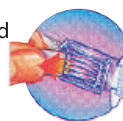
Welding web
Unique filter media incorporating protective layers designed to be flame resistant as demonstrated per ASTM D2859-96 (Not a substitute for a faceshield)



M-noseclip
Patented noseclip adjusts easily for fewer pressure points and greater comfort



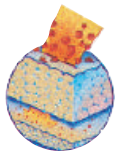
Carbon filter material
Carbon filter media provides relief against odors, vapors and other gaseous contaminants for greater wearer comfort. For nuisance level relief only



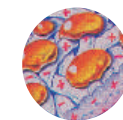
Adjustable buckle straps
A single tug helps provide a comfortable, secure fit



Face seal
Soft and secure, conforms closely to face additional comfort



Cake-resistant filter media
Patented filter media with specifically designed filter layers for welding applications provide longer respirator life and easier breathing



P-series filter
Patented Advanced Electret Media, appropriate for prolonged use in both oil and non-oil containing environments

Comfort 3M Unvalved Respirators



3M-9210

9210 (N95)

A breakthrough in comfort and convenience. This three-panel respirator with innovative design helps provide comfortable, reliable worker protection against non-oil based particles



3M-8210

8210 (N95)

Features Advanced Electret Media (AEM), welded strap attachment, soft nose foam and adjustable noseclip to help provide a custom fit and secure seal



3M-9105

9105 / 9105S (N95)

Innovative flat fold respirator designed for comfort and convenience of storage. Economical design is suited for the light duty users



3M-8110S

8110s (N95)

Designed for people with smaller faces. It helps provide worker protection against certain non-oil based particles. It is comfortable and easy to use which helps promote greater worker acceptance and increased wear time





3M Unvalved Specialty Respirators



3M-8247

8247 (R95)

Is designed to help provide comfortable protection against certain oil and non-oil based particles including those present with nuisance levels of organic vapors*, such as solvents, degreasers and resins



3M-8246

8246 (R95)

Helps provide protection against certain oil and non-oil based particles including those present with nuisance levels of acid gases* such as sulphur dioxide, hydrogen fluoride, and/or chlorine



3M Valved Specialty Respirators



3M-8577

8577 (P95)

Is designed to provide comfortable reliable worker protection against certain oil and non-oil based particles including those present with nuisance levels of organic vapors*, such as solvents, degreasers and resins



3M-8516

8516 (N95)

Is designed the aluminium industry. It helps provide protection against certain non-oil based particles including those present with nuisance levels of acid gases* such as sulphur dioxide, hydrogen fluoride, and/or chlorine



3M-8271

8271 (P95)

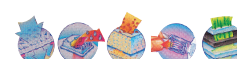
Combines P-series versatility with exceptional comfort and fit. It is an excellent choice for those who have work environments that may contain oil aerosols



3M-8576

8576 (P95)

Is designed to provide comfortable, reliable worker protection against certain oil and non-oil based particles including those present with nuisance levels of acid gases*, such as sulphur dioxide, hydrogen fluoride, and/or chlorine



RESPIRATORY PROTECTION

Comfort 3M valved Respirators



3M-8511

8511 (N95)

Is uniquely designed to help provide protection against certain non-oil based particles. It is ideally suited for work settings that involve heat, humidity, or long periods of wear



3M-8211

8211 (N95)

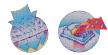
Offers all the great features of the 3M™ Particulate Respirator 8211, plus a comfortable foam face seal. It is uniquely designed to help provide protection against certain non-oil based particles.



3M-9211

9211 (N95)

This three-panel respirator with innovative design is ideally suited for work settings that involve heat, humidity, or long periods of wear



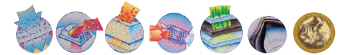
Welding & Metal Pouring



3M-8214

8214 (N95)

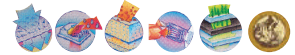
Is designed for applications such as welding, soldering and other operations where metal fumes may be present including those with ozone* and nuisance level organic vapors**



3M-8514

8514 (N95)

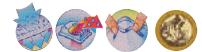
Is designed for applications such as welding, soldering and other operations where metal fumes are present including those with ozone* and nuisance level organic vapors**



3M-8515

8515 (N95)

An economical option for welders featuring the 3M™ Cool Flow™ Exhalation Valve, adjustable M-noseclip, and braided headband to help provide a custom fit and secure seal



Comfort Plus - 100 Class Respirators



3M-8233

8233 (P100)

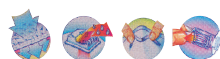
Is well suited for those who want NIOSHs highest rated filtration efficiency in a maintenance free respirator. It provides a minimum filter efficiency of 99.97% against non-oil based particles



3M-8293

8293 (P100)

Is well suited for those who want NIOSHs highest rated filtration efficiency in a maintenance free respirator. It provides a minimum filter efficiency of 99.97% against oil base particles



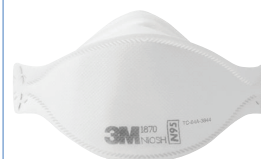
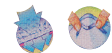
Fluid resistant respirators



3M-1860 / regular
3M-1860S / small

1860 (N95) / 1860S (N95)

Is an all-in-one fluid-resistant N95 respirator and surgical mask, designed to provide health care workers the reliable protection they need. It features an adjustable nose clip to help provide a custom fit and secure seal. Available in two sizes



3M-1870

1870 (N95)

A breakthrough in comfort and convenience. This three-panel respirator with innovative design has fluid-resistant properties and is an all-in-one N95 respirator and Surgical Mask





7500 Series Half Facepiece Reusable Respirator

Easy breathing, comfort and durability

Adjustable Head Cradle

- Allows wearer to adjust for optimum fit and comfort

Patented 3M™ Cool Flow™ Valve

- Valve design helps make breathing easier
- Helps reduce heat and moisture buildup for cool, dry comfort

Unique Exhalation Valve Cover

- Directs exhaled breath and moisture downward
- Smooth surface allows for quick and easy cleaning
- Helps reduce debris from depositing in valve area



Soft Seal Design

- Advanced silicone material provides a softer feel on the face
- Unique adjustment design helps reduce tension and pressure points on the face for unsurpassed comfort

Dual-Mode Head Harness

- Adjusts easily so user has the option to wear the respirator in either traditional or drop-down mode

Part No.	Description	Product Code
7501	Dual cartridge half facepiece, small	3M-7501
7502	Dual cartridge half facepiece, medium	3M-7502
7503	Dual cartridge half facepiece, large	3M-7503

6000 Series Half Facepiece Reusable Respirator

Compatible and convenient respiratory protection

- Facepiece is made from soft, lightweight material
- Available with a standard or drop-down head harness option. Drop-down model allows wearers to lower the respirator without removing hard hat or faceshield
- Head harness assembly and spare parts are available



Part No.	Description	Product Code
6100	Dual cartridge half facepiece, small	3M-6100
6200	Dual cartridge half facepiece, medium	3M-6200
6300	Dual cartridge half facepiece, large	3M-6300

7700 Series Single Cartridge Half Facepiece Reusable Respirator

Compact and durability

- Lightweight silicon facepiece
- Allows for wider field of view the respirator
- Quarter-turn cartridges can be attached and detached without removing



Part No.	Description	Product Code
7701k	Single cartridge half facepiece, small	3M-7701
7702k	Single cartridge half facepiece, medium	3M-7702
7703k	Single cartridge half facepiece, large	3M-7703

RESPIRATORY PROTECTION

Full Face Respirator

FF-400 Series Full Facepiece Reusable Respirator

Comfortable, durable protection for demanding, X-treme conditions



As 3M's latest advancement in respiratory protection, the lightweight Ultimate FX FF-400 was developed to provide maximum comfort and durability with unique features that make it the optimal choice for variety of industrial applications:

Large lens featuring Scotchgard™ protector

Paint and stain-resistant lens-3M™ exclusive Scotchgard™ coating causes some paints and stains to bead up on the surface so they can be wiped off easily
Helps lens stay clearer during some spray applications
Provide a wide field of view

Passive speaking diaphragm

Optimally positioned for clearer and easier communications

Bonded silicone gaskets

Eliminates loose gaskets that can be lost

Easy to use

Respirator attachments twist on and off easily for quick assembly and disassembly

Durable, long-lasting head harness

Features a six-strap configuration for a secure fit
Harness straps pulled over one million times in development durability testing

Comfort cradle

Positions the respirator more comfortably on the head

Soft, silicon nose cup and face seal

Engineered for maximum durability, comfort and resilience
Three sizes help the respirator fit a broad range of face shapes and sizes

Patented 3M™ Cool Flow™ Valve

Allows for easier breathing
Reduces heat and moisture buildup for cool, dry comfort



Part No.	Description	Product Code
FF-401	Dual cartridge full facepiece, small	3M-FF-401
FF-402	Dual cartridge full facepiece, medium	3M-FF-402
FF-403	Dual cartridge full facepiece, large	3M-FF-403

6000 Series Full Facepiece Reusable Respirator

Reliable, convenient and compatible protection

- Unique center adapter directs exhaled breath and moisture downward, and helps reduce debris from depositing in the valve. Smooth surface allows for quick and easy cleaning
Large lens provides wide field of view and excellent visibility
- 3M™ Cool Flow™ valve helps provide cool, dry comfort
- Meets requirements of ANSI Z87.1-2003 for high impact (Z87+)
- Lightweight, well balanced design with silicone face seal for enhanced comfort
- and durability
Available in air purifying respirator (APR), supplied air and powered air purifying respirator (PAPR) modes



Part No.	Description	Product Code
6700	Dual cartridge full facepiece, small	3M-6700
6800	Dual cartridge full facepiece, medium	3M-6800
6900	Dual cartridge full facepiece, large	3M-6900



Filters, Cartridges Retainers & Adapters

2000 Series Filters



3M-2071
P95



3M-2076HF
P95



3M-2078
P95



3M-2091
P100



3M-2096
P100



3M-2097
P100

- Hydrogen fluoride and nuisance level acid gas relief* ∞
 - Nuisance level organic vapor and acid gas relief* \dagger
 - Nuisance level acidic gas relief*
 - Nuisance level organic vapor relief* \dagger
- *Nuisance level: below OSHA/DOSH PEL

∞ For HF, use fullface respirator with 2076HF filters for protection up to 10x OEL

\dagger For ozone, use 6000 series respirator with 2078 or 2097 filters recommended by 3M up to 10x OEL

6000 Series Cartridges



3M-6001
Organic Vapor



3M-6002
Acid Gas



3M-6003
Organic Vapor/
Acid Gas



3M-6004
Ammonia/
Methylamine



3M-6005
Formaldehyde/
Organic Vapor



3M-6006
Multi gas and
Vapor



3M-6007
Mercury
Vapor

- Certain organic vapors
- Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide
- Certain organic vapors; chlorine, hydrogen chloride, and sulfur dioxide and hydrogen sulfide
- Formaldehyde and certain vapors
- Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide ammonia/ methylamine, formaldehyde or hydrogen fluoride

7700 Series Cartridges, filters and Retainer



3M-7001K-55
Organic Vapor



3M-7001K-100
Organic vapor



3M-70072
Organic Vapor/
Acid Gas



3M-7711
N95 Filter



3M-774
Filter retainer for
use with 7711

- Certain organic vapors
- Certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide (escape only)

Filters Adapter Retainers



3M-5N11
N95 Filter
Requires use
of 501 Retainer



3M-5P71
P95 Filter
Requires use
of 501 Retainer



3M-501
Filter Retainer
For use with 5N11
or 5P71



3M-502
Filter Adapter
For use with 5N11
or 7093 Filter



3M-7093B
P100 Filter



3M-7093C
Cartridge/Filter
HF, P100, with
Nuisance Level
OV/AG Relief

RESPIRATORY PROTECTION

3M™ Supplied Air® Respirators

3M offers the wearer tight-fitting half and full face piece airline respirators that provide superior comfort and convenience. The 3M systems help you work with greater safety and efficiency.



3M-FF-400
Full Facepiece



3M-6000 Series
Full Facepiece



3M-7500 Series
Half Facepiece



3M-6000 Series
Half Facepiece

Adapter Kits

Standard Kits



Back-Mounted
Adapter Kits

3M-SA-2000 (High Pressure)
3M-SA-2000LP (Low Pressure)



Front-Mounted
Adapter Kits

3M-SA-1000 (High Pressure)
3M-SA-1000LP (Low Pressure)



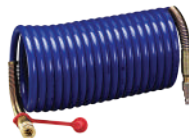
Combination Back
Mounted Adapter Kits

3M-SA-2100 (High Pressure)
3M-SA-2100LP (Low Pressure)

Supplied Air Hose



3M-W-9435-100
3/8" High Pressure Hose
(2, 50, OR 100ft)



3M-W-2929
3/8" High Pressure Hose
(2, 50, OR 100ft)



3M-W-3020
1/2" Low Pressure Hose
(2, 50, OR 100ft)

Air Purification Panels



3M-256-02-00
Portable Air Purification Panel



**3M-256-02-04 /
3M-256-02-05**
Portable Air Purification Panel



3M-256-02-01
Portable Air Purification Panel



3M-W-2806
Portable Air Purification Panel

- Comes with CO filtration and monitor
- 50 cfm panel with 4 outlets
- Intrinsically safe (In battery mode)
- Comes with CO monitor
- 50 cfm panel with 2 outlets
- Intrinsically safe (In battery mode)
- Can be wall-mounted (256-02-04)
- Comes with CO monitor
- 100 cfm panel with 8 outlets
- Intrinsically safe (In battery mode)
- Designed to filter and regulate plant air



Integrated Suspension Head Covers



3M-S-133L-UK

- Designed to provide head and face coverage for general purpose
- Available in blue



3M-S-433L-UK

- The 3M™ Versaflo™ S-433L Hood is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.



3M-S-533L-UK

- Designed to provide head and face coverage for general purpose
- More durable with soft, quiet, low-linting fabric that drapes comfortably over the wearer



3M-S-655-UK

- Designed for greater comfort with adjustable airflow
- Provides wider field of vision
- Replaceable hoods for better cost efficiency

Breathing Tubes



3M-BT-20S-UK

Small / Medium

Design for use with S-series headtops



3M-BT-20L-UK Medium / Large

Design for use with S-series headtops

Air Control Devices



3M-V-100 Vortex™
Vortex Cooling Assembly

- Designed to cool all incoming air up to 10 celsius and allows for airflow to be adjustable
- Requires up to 20 cfm at 60-90 psi depending on hose length



3M-V-200 Vortemp™
Vortemp Heating Assembly

- Designed to warm all incoming air up to 10 celsius and allows for airflow to be adjustable
- Requires up to 20 cfm at 60-90 psi depending on hose length



3M-V-300
Air Regulating Valve Assembly

- Designed to regulate airflow and allows airflow to be adjustable
- Requires up to 15 cfm at 25-55 psi depending on hose length



3M-V-400
Low Pressure Connector Assembly

- Designed for use with low pressure pumps and W-3020
- Requires up to 15 cfm at 4-15 psi depending on hose length

Pressure Hose



3M-W-9435-100
3/8" High Pressure Hose
(25, 50, OR 100ft)



3M-W-2929
3/8" High Pressure Hose
(25, 50, OR 100ft)



3M-W-3020
1/2" Low Pressure Hose
(25, 50, OR 100ft)

Air Purification Panels



3M-256-02-00
Portable Air Purification Panel

- Comes with CO filtration and monitor
- 50 cfm panel with 4 outlets
- Intrinsically safe (In battery mode)



**3M-256-02-04 /
3M-256-02-05**
Portable Air Purification Panel

- Comes with CO monitor
- 50 cfm panel with 2 outlets
- Intrinsically safe (In battery mode)
- Can be wall-mounted (256-02-04)



3M-256-02-01
Portable Air Purification Panel

- Comes with CO monitor
- 100 cfm panel with 8 outlets
- Intrinsically safe (In battery mode)



3M-W-2806
Portable Air Purification Panel

- Designed to filter and regulate plant air

RESPIRATORY PROTECTION

Versaflo™ TR-300 Powered Air Purifying Respirator

The all-new, lightweight 3M™ Versaflo™ TR-300 Powered Air Respirator is the key to an easy-to-use, versatile, respirator system for environments with hazardous particles.

- Protection from particles and some nuisance level*** gases and vapours
- Slim, lightweight, balance design
- Controlled flow, at nominal 190 l/min
- Easy to adjust and maintain
- Audible and visual low airflow and low battery alarms
- Battery charge indicator
- A window on the turbo allows instant identification of the installed filter
- Outer surfaces are easy to clean
- IP53 rating. Suitable for use in a decontamination shower



Technical Specifications	
Approvals Respiratory protection*	EN12941 TH2/TH3
Filters	Particle Particle + Nuisance level organic vapour*** Particle + Nuisance level acid gas filter (and Hydrogen fluoride, 10 x threshold limit value)***
Airflow Manufacturer's minimum design flow (MMDF) Nominal Airflow	170 l/min 190 l/min
Weight (including high capacity battery, standard belt and particle filter)	1 095 g
Battery Operating hours**	Li ion 5-6 hrs (economy battery) 10-12 hrs (high capacity battery) Less than 3hrs (economy battery) Less than 3.5hrs (high capacity battery)
Recharging time	Less than 3.5hrs (high capacity battery)
Belts selection	1) Standard webbing 2) Coated, easy-clean 3) Heavy-duty leather
Temperature range Operation Storage	-10°C to + 55°C -30°C to + 50°C

Versaflo™ TR-302E/TR-302UK Turbo Unit

The TR-302E turbo unit comes with a filter cover and airflow indicator only.

Versaflo™ TR-315E/TR-315UK Starter Kit

This 3M™ Versaflo™ TR-315E starter kit includes TR-300 turbo unit, particulate filter, pre-filter, standard belt, high capacity battery pack, battery charger kit, self-adjusting breathing tube and airflow indicator

Integrated Suspension Head Covers



3M-S-133

- Designed to provide head and face coverage for general purpose
- Available in blue



3M-S-433

- The 3M™ Versaflo™ S-433L Hood is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems.



3M-S-533

- Designed to provide head and face coverage for general purpose
- More durable with soft, quiet, low-linting fabric that drapes comfortably over the wearer



3M-S-655

- Designed for greater comfort with adjustable airflow
- Provides wider field of vision
- Replaceable hoods for better cost efficiency

BT-Series breathing tubes

All BT-Series breathing tubes feature the QRS (Quick Release Swivel) connection for maximum comfort and ease of use



3M-BT-20S-UK/
3M-BT-20L-UK
Standard duty breathing tube



3M-BT-30-UK
Length adjusting breathing tube



3M-BT-40-UK
Heavy duty breathing tube



3M™ Versaflo™ TR-600 Powered Air Purifying Respirator

TR-600 Versaflo Powered Air Turbo TR-600 delivers protection, comfort and performance with a lithium ion battery, adjustable airflow options and an expanded range of approved filters for protection against hazards such as particulates, organic vapours and acid gases.

Designed to be compatible with multiple configurations of headtops, breathing tubes, batteries, filters and more. The battery has intuitive charge level indicators and user interface to help make sure you're prepared and getting the most out of the battery.



3M™ Versaflo™ TR-800 Powered Air Purifying Respirator

The TR-800 is a PAPR blower UL-certified with an intrinsically safe (IS) rating of Division 1: IS Class I, II, III; Division 1 (includes Division 2) Groups C, D, E, F, G; T4, under the most current standard (UL 60079, 6th Edition, 2013).

Whether you're mixing and granulating compounds in a pharmaceutical facility or working with combustible gases in the oil and gas industry, the TR-800 motor blower is built for environments where intrinsically safe (IS) equipment is essential.

Designed for improved worker comfort, convenience and control.

Keep the air flowing – Multi-speed blower functions at altitudes up to 16,000 feet. Battery offers long run time and charges quickly, achieving 90% charge in approximately 3.5 hours.

More options for more tasks – Choose from particulate filters or gas and vapor combination cartridges for protection in a variety of environments.

Work at your own speed – Multiple airflow rates put you in control of your comfort.

Battery:

- Approximately 750 full charge/discharge cycles.
- Built in charge level indicator.
- Mechanical attachment of battery to help prevent battery removal during use
- Work with ease – Intuitive, colored touchpoints plus visual and audible low flow indicators help make the TR-800 easy to use.



RESPIRATORY PROTECTION

AplusA6000

The APLUS A6000 is an upgraded breathing apparatus bringing technology as a tool to better aid the fire fighters, rescuers and workers. It comes with higher performing equipment without sacrificing safety and comfort. Fighters are better protected, and they will be able to focus on what they do best without sweating the small stuff. Best of all, it doesn't break your wallet to be able to upgrade your fighters to the next generation.

Products Features:

- Full Face Mask with silicon inner mask.
- Lung Demand Valve.
- Composite Air Cylinders.
- High Pressure Reducer.
- Rapid Connect System (A6000).
- Head Up Display. (HUD)
- Dual reading High Pressure Gauge (A3000).
- Digital & Analog Pressure Gauge (A6000).
- Drag Rescue Device. (DRD)
- Reflective Shoulder indicator.
- Comfortable weight bearing padding.
- Nomex & Kevlar Shoulder strap



Self-Contained Breathing Apparatus (SCBA)

Aplus A3000

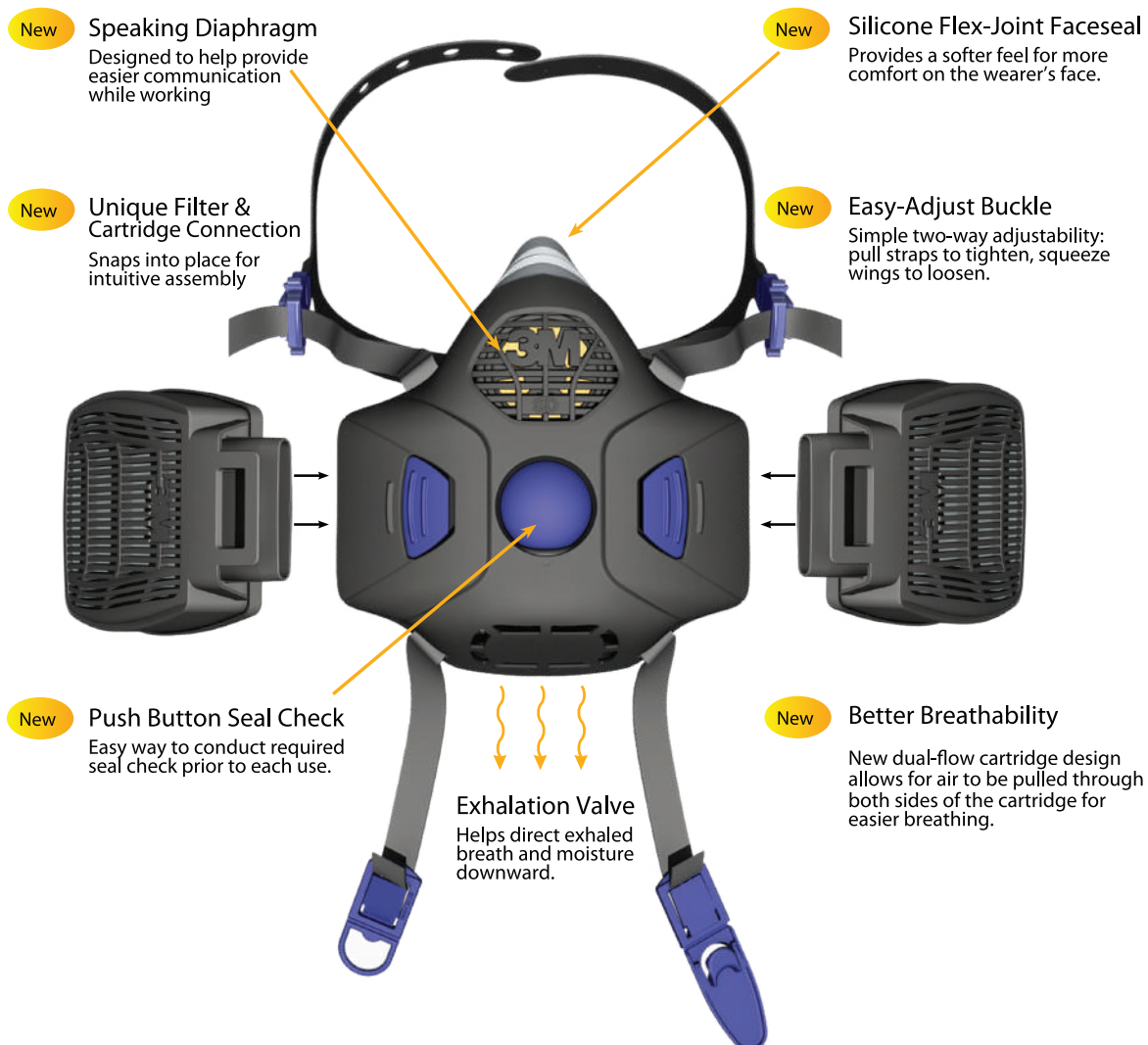
The APLUS A3000 is a breathing apparatus for firefighters, rescuers and works requiring complete respiratory protection. Combining comfort without sacrificing performance, it is suitable for applications where simplicity and ease of use are key essentials. Lightweight yet robust, and easy to don, this advanced breathing apparatus provides the ultimate in breathing protection.





3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series

Designed with intuitive features, the 3M Secure Click Half Facepiece Reusable Respirator HF-800 Series helps protect workers from particulates and / or a wide variety of gases and vapors when used with approved 3M Secure Click filters and cartridges.



Feel it:

Experience the greater breathability and comfort provided by the world's first quad-flow cartridge system.



Hear it:

Secure Click connection helps provide confidence that filters/cartridges are installed properly. Simply align the connections and push into place.



Check it:

Easy, one-touch seal check helps increase worker confidence that the respirator is being worn properly.



Say it:

Speaking diaphragm is designed to help provide easier communication while working.

RESPIRATORY PROTECTION

Product #	3M ID #	Description	
3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series			
HF-801SD	7100172045	3M™ Secure Click™ Half Facepiece Reusable Respirator with Speaking Diaphragm HF-801SD, Small, 10 Each/Case	 HF-802SD
HF-802SD	7100172051	3M™ Secure Click™ Half Facepiece Reusable Respirator with Speaking Diaphragm HF-802SD, Medium, 10 Each/Case	
HF-803SD	7100172000	3M™ Secure Click™ Half Facepiece Reusable Respirator with Speaking Diaphragm HF-803SD, Large, 10 Each/Case	
3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series Cartridges and Filters			
D7N11	7100213450	3M™ Secure Click™ Particulate Filter N95 D7N11, 200 Each/Case	 D7P71,
D7P71	7100213434	3M™ Secure Click™ Particulate Filter P95 D7P71, 200 Each/Case	
D701	7100184498	3M™ Secure Click™ Filter Retainer D701, 100 Each/Case	
D3071	7100213358	3M™ Secure Click™ Particulate Filter P95 D3071, 100 Each/Case (50 Pair/Case)	 D3091,
D3076HF	7100213424	3M™ Secure Click™ Particulate Cartridge P95/Hydrogen Fluoride with Nuisance Level * Acid Gas Relief D3076HF, 100 Each/Case (50 Pair/Case)	
D3078	7100213435	3M™ Secure Click™ Particulate Filter P95 with Nuisance Level * Organic Vapor/Acid Gas Relief D3078, 100 Each/Case (50 Pair/Case)	
D3091	7100213359	3M™ Secure Click™ Particulate Filter P100 D3091, 100 Each/Case (50 Pair/Case)	 D3097*, P100 w/ Nuisance OV
D3096	7100213425	3M™ Secure Click™ Particulate Filter P100 with Nuisance Level * Acid Gas Relief D3096, 100 Each/Case (50 Pair/Case)	
D3097	7100213150	3M™ Secure Click™ Particulate Filter P100 with Nuisance Level * Organic Vapor Relief D3097, 100 Each/Case (50 Pair/Case)	
D8001	7100153170	3M™ Secure Click™ Organic Vapor Cartridge D8001, 60 Each/Case (30 Pair/Case)	 D8001,
D8003	7100153220	3M™ Secure Click™ Organic Vapor/Acid Gas Cartridge D8003, 60 Each/Case (30 Pair/Case)	
D8006	7100153228	3M™ Secure Click™ Multi-Gas/Vapor Cartridge D8006, 60 Each/Case (30 Pair/Case)	
D80921	7100153232	3M™ Secure Click™ Organic Vapor Cartridge/Filter P100 D80921, 60 Each/Case (30 Pair/Case)	 D80926, Multi-Gas/Vapor/P100
D80923	7100153233	3M™ Secure Click™ Organic Vapor/Acid Gas Cartridge/Filter P100 D80923, 60 Each/Case (30 Pair/Case)	
D80926	7100153234	3M™ Secure Click™ Multi-Gas/Vapor Cartridge/Filter P100 D80926, 60 Each/Case (30 Pair/Case)	
D9093	7100206894	3M™ Secure Click™ Hard Case P100 Particulate Filter, D9093, 60/ Case	 D9093, P100
D9093B	7100206895	3M™ Secure Click™ Hard Case P100 Particulate Filter, D90 93B, 144/ Case	
D9093C	7100206890	3M™ Secure Click™ Hard Case P100 Particulate Filter, Hydrogen Fluoride and Nuisance Level * Organic Vapor and Acid Gas Relief, D9093C 60/ Case	
D9093CB	7100206896	3M™ Secure Click™ Hard Case P100 Particulate Filter, Hydrogen Fluoride and Nuisance Level * Organic Vapor and Acid Gas Relief, D9093CB, 144/Case	
3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series Replacement Parts and Accessories			
HF-800-02	7100181933	3M™ Secure Click™ Inhalation/Exhalation Replacement Valve HF-800-02, 10 Each/Case	
HF-800-03	7100181558	3M™ Secure Click™ Quantitative Fit Test Adapter Kit HF-800-03, 1 Each/Bag	
HF-800-04	7100217704	3M™ Secure Click™ Head Harness SD Replacement Assembly HF-800-04, 5 Each/Case	
HF-800-05	7100181934	3M™ Secure Click™ Speaking Diaphragm Assembly HF-800-05, 5 Each/Case	

* Nuisance level refers to concentrations not exceeding the OSHA PEL or applicable government occupational exposure limits, whichever is lower.



Indication of too noisy at your workplace

It is recommended that all worker exposures to noise should be controlled below a level equivalent to 85 dB for eight hours to minimize occupational noise induced hearing loss. NIOSH recommends a 3 dB exchange rate so that every increase by 3 dB doubles the amount of the noise and halves the recommended amount exposure time. Regulation recommends employers to implement a hearing conservation program where workers are exposed to a time weighted average noise level of 85 dB or higher over an 8 hour work shift

Key elements of an effective hearing conservation program included:

- Workplace noise sampling including personal noise monitoring
- Noise control
- Maintaining a worker audiometric testing program
- Selection of proper hearing protection devices
 - * Disposable earplugs (User mould)
 - * Reusable earplugs (Pre mould)
 - * Earmuffs
 - * Communication headset
- Training to ensure the workers are aware of the hazard from excessive noise exposures
- Data records regarding monitoring and noise sampling

HEARING PROTECTION

3M™ E-A-Rsoft™ Disposable Yellow Neon

3M-310-1250 - Uncorded pillow pack / 3M 312-1250 Uncorded Poly Bag / 3M-311-1250 - Corded in Poly Bag

- Shaped, self-adjusting foam provides a comfortable, low pressure seal
- Non-irritating, dermatologically safe foam
- Soft foam plugs for increased wearer comfort
- NRR 33dB



3M™ Disposable Foam Earplugs

3M-1110 - Corded / 3M-1100 - Uncorded

- Tapered shape to fit the ear canal comfortably
- Soft foam seals the ear comfortably
- Smooth, dirt resistant surface for hygiene
- Comfortable for a wide range of ear sizes
- Hypo-allergenic material
- Bright orange color for visibility
- Can be combined with ear muffs for additional protection
- Can be used with other personal protection equipment
- NRR 29dB



3M™ Classic™ Disposable Earplugs

3M-310-1001 - Uncorded Pillow Pack

- Slow recovery foam allows user to wear the earplug easily
- Bright yellow color allows a quick visual compliance check
- Dermatologically safe foam in non-irritating, nonflammable, and moisture-resistant
- NRR 29dB





3M™ Reusable Earplugs

3M-1290 - Braided cord / 3M-1291 - Braided cord with storage case

3M-1292 - Plastic cord / 3M-1293 - Plastic cord with storage case/

- 3-flange design fits securely in the ear
- Finger grip stem for easy insertion and to help keep ear plugs clean
- Elastic material does not contain silicone, so earplugs may be used in sensitive work environments, such as automotive painting
- One size fits most ear canals
- NRR 25dB



3M™ Reusable Earplugs 3M-1270 - Corded with polybag /
3M-1271 - Corded with carry case / 3M-1271P - Corded with carry case

- New softer formulation provides added comfort
- New finger grip design makes insertion easier
- Multi- flanged plugs fit securely into ear canal
- Soft, elastic material conforms to a wide range of ear sizes comfortably
- No need to roll plugs down before inserting ideal for dusty, dirty situations
- Can be washed and reused many times
- Soft, cloth cord lays flat
- Includes storage case which keeps plugs clean and protected (1271 only)
- NRR 24dB



3M™ E-A-R™ UltraFit™ Corded Reusable Earplugs

3M-340-4002- In carrying case /

3M-340-4004- In poly bag earplug

- Patented, premolded, triple-flange design inserts easily
- No rolling or sizing needed to get a comfortable, protective fit
- Hypoallergenic polymer is washable and reusable
- Carrying case keeps plugs clean and accessible for re-use
- NRR 25dB



3M™ TaperFit™ 2 Disposable Earplugs 3M-312-1223 - Corded

- Soft, roll-down foam earplugs expand to fit the ear canal and provide a low pressure, comfortable seal
- Non-irritating, dermatologically safe polyurethane foam
- NRR 32dB



HEARING PROTECTION

Quebee Reusable Earplugs corded and uncorded With Carrying case



EC-2018A

Reusable Earplug with carrying case

General Description

Quebee Silicon reusable Earplug offer SNR33dB and NRR26dB attenuation protection. This new translucent Christmas tree 3 layers design increased user comfort and protection. The High visibility stem allow just one hand insertion and easy visible from a distance for compliance.

Feature and Benefits

Comfortable

Pure silicon material for low pressure inside the ear.

Reusable and remain in good shape after long use.

Humidity and sweat resistant, help prevent moisture ramp up in the ear canal.

3 layers design allows fully attached to ear canal

Design to fit majority ear canal with premium comfort and protection

Convenient

Christmas tree design fits most ear canal making the plugs easier to use

Compatibility

Designed to be compatible with earmuff or other PPE

Tested according to EN352-2:2020 and ANSI S3.19-1974

Attenuation Data H-34dB M-30dB L-27dB

ANSI S3.19-1974

NRR 26dB

Frequency (HZ)	125	250	500	1000	2000	4000	8000	SNR
Mean Attenuation (dB)	30.8	27.7	30.8	34.7	36.9	37.1	44.0	33dB
Standard Deviation (dB)	3.8	4.1	4.3	3.2	3.5	4.3	4.5	
APV (dB)	27.1	23.6	26.5	31.5	33.4	32.8	39.5	

EC-2018A-C

Corded Reusable Earplug with carrying case



CAUTION:

Keep away from infants. This earplug are non-toxic but may interfere with breathing if caught in windpipe



Quebee Earplug

Quebee PU Foam Earplug offer SNR37dB and NRR33dB attenuation protection. The new tapered shape and premium memory PU ensure increased user comfort and protection.

Feature and Benefits

Comfortable

Soft PU foam material for low pressure inside the ear

Slow rebound rate allows fully attach to ear canal

Design to fit majority ear canal with premium comfort and protection

Convenient

Bullet design fits most ear canal making the plugs easier to use

Tested according to EN352-2:2020

Attenuation Data H-37dB M-35dB L-30dB



EC-1003A
Earplug Uncorded



EC-1003A
Earplug Corded



ANSI S3.19-1974

NRR 33dB

Frequency (HZ)	125	250	500	1000	2000	4000	8000	SNR
Mean Attenuation (dB)	28.7	32.2	39.6	40.5	37.9	42.2	46.3	37dB
Standard Deviation (dB)	3.6	5.2	5.4	4.3	2.9	3.1	5.4	
APV (dB)	25.1	27.0	34.2	36.2	35.0	39.1	40.9	

HEARING PROTECTION

3M™ One Touch™ Pro Earplug Dispenser 3M-391-0000

- Accurately dispenses one earplug at a time
- Dispenses earplug directly into hand
- Durable ABS plastic for tough environments
- Free-standing or wall-mounted
- Shields earplugs from wind and rain
- Mounting holes designed to fit a variety of competitive dispensers



3M™ E-A-Rsoft™ Yellow Neons™ One Touch™ Refill Uncorded Earplugs, Hearing Conservation 3M-391-1004

- Refill container for One Touch™ dispenser. One gentle turn delivers uncorded foam earplugs
- No packaging waste with each pair
- NRR 33dB





audiOFF

Earmuff

Quebee Earmuff are designed to provide moderate to high level of attenuation that meets the needs of many industrial application where high levels of noise maybe encounters. When correctly worn, these products can help to reduce exposure to hazardous level of noise.

EM-5002B

Headband & Foldable Earmuff



- Foldable Headband Earmuff with soft foam - filled cushions
- Lightweight ear cups
- Padded headband for extended comfort
- Provides a good seal with high noises reduction
- **Compliance:**
CE EN352-1:2020, SNR 33dB / H=35dB, M=32dB,
L=23dB / ANSI S3.19-1974, NRR 26dB

EM-5002C

Neckband Earmuff



- Neckband Earmuff with soft foam - filled cushions
- Lightweight ear cups
- Provides a good seal with high noises reduction
- **Compliance:**
CE EN352-1:2020, SNR 31dB / H=33dB,
M=29dB, L=22dB

EM-5002D

Helmet attachable Earmuff



- Helmet Attachable Earmuff with soft foam - filled cushions
- Lightweight ear cups
- Provides a good seal with high noises reduction
- **Compliance:**
CE EN352-3:2020, SNR 30dB / H=31dB,
M=28dB, L=21dB / ANSI S3.19-1974, NRR 22dB

EM-5002A

Headband Earmuff



- Headband Earmuff with soft foam - filled cushions
- Lightweight ear cups
- PU cover headband for extended comfort
- Provides a good seal with high noises reduction
- **Compliance:**
CE EN352-1:2020, SNR 34dB / H=36dB, M=32dB,
L=24dB / ANSI S3.19-1974, NRR 27dB

HEARING PROTECTION



Quebee Audioff earmuff is made from sound-attenuating material and soft ear cushion that provide a soft and firm fitting. The ABS hard outer cups are filled with foam and soft cushions around the rims that seal to the wearers head around the ear. The cups are connected and held together by a stainless steel spring band. Design comes with standard headband, foldable headband and helmet attachment.

QB Audioff Foldable Earmuff

QB-HY-EZ-8A

- Foldable earmuff with soft foam-filled cushions
- Lightweight ear cups
- Provides a good seal for protection against harmful noises
- Comply to CE EN352-1
- SNR 25dB
- H=30dB, M=22dB, L=15dB



QB Audioff Headband Earmuff

QB-HY-EZ-8B

- Headband earmuff with soft foam-filled cushions
- Lightweight ear cups
- Provides a good seal for protection against harmful noises
- Comply to CE EN352-1
- SNR 28dB
- H=31dB, M=26dB, L=18dB

QB Audioff Helmet Attachable Earmuff

QB-HY-EZ-8C

- Helmet attachable earmuff with soft foam-filled cushions
- Lightweight ear cups
- Provides a good seal for protection against harmful noises
- Comply to CE EN352-3
- SNR 31dB
- H=36dB, M=28dB, L=21dB





3M™ Peltor™ Optime™ 95 Over-the-Head Earmuffs

3M-H6A/V

- Stainless steel construction resist bending and warping
- Ear cup pivot points tilt for optimum comfort and efficiency
- Lightweight with liquid/foam filled earmuff cushions
- NRR 21dB



3M™ Peltor™ Optime™ 95 Behind-the-Head Earmuffs

3M-H6B/V

- Multi-position designs, available in headband, neckband, helmet-attachable and folding models
- Stainless steel construction resist bending and warping
- Ear cup pivot points tilt for optimum comfort and efficiency
- Ultra light with liquid/foam filled earmuff cushions
- NRR 21dB



3M™ Peltor™ Optime™ 95 Over-the-Head Folding Earmuffs

3M-H6F/V

- Folding-cups fold up into the headband for compact storage
- Stainless steel construction resists bending and warping
- Ear cup pivot points tilt for optimum comfort and efficiency
- Ultra light with liquid / foam filled earmuff cushions
- NRR 21dB



3M™ Peltor™ Optime™ 95 Cap-Mount Earmuffs

33M-H6P3E/V

- Universal mounting attachment fits most hard hats
- Stainless steel construction resist bending and warping
- Ear cup pivot points tilt for optimum comfort and efficiency
- Ultra light with liquid / foam filled earmuff cushions
- NRR 21dB



HEARING PROTECTION

3M™ Peltor™ Optime™ 101 Over-the-Head Earmuffs

3M-H7A

- Stainless steel headband distributes weight for low-pressure fit
- Ear cup pivot points that tilt for optimum comfort and efficiency
- Liquid / foam filled earmuff cushions
- NRR 27dB



3M™ Peltor™ Optime™ 101 Behind-the-Head Earmuffs

3M-H7B

- Neckband style
- Excellent Attenuation at low and high frequencies
- Enables safe working environment for longer periods of time, up to 101dBA
- Two low mounting points provide great comfort
- #1 Selling earmuff in the world
- NRR 26dB

3M™ Peltor™ Optime™ 101 Cap-Mount Earmuffs

3M-H7P3E

- Cap-mounted design allows for easy use with most hard hats
- Liquid / foam filled ear cushions
- NRR 24dB





3M™ Peltor™ Optime™ 98 Over the Head Earmuffs

3M-H9A

- For noise levels up to 98 dBA
- Stainless steel construction resists bending and warping
- Ear cup pivot points tilt for optimum comfort and efficiency
- Ultra light with liquid / foam earmuff cushions
- NRR 25dB



3M™ Peltor™ Optime™ 98 Cap-Mount Earmuffs

3M-H9P3E

- For noise levels up to 98 dBA
- Universal mounting attachment fits most hard hats
- Ear cup pivot points tilt for optimum comfort and efficiency
- Ultra light with liquid / foam filled earmuff cushions
- NRR 23dB

HEARING PROTECTION

3M™ Peltor™ Optime™ 105 Over the Head Earmuff [3M-H10A](#)

- For noise levels up to 105 dBA
- Proprietary Twin-Cup™ design has soft, foam-filled earmuff
- Stainless steel headband distributes weight for low-pressure fit
- Ear cup pivot points that tilt for optimum comfort and efficiency
- Liquid / foam filled earmuff cushions
- NRR 30dB



3M™ Peltor™ Optime™ 105 Behind-the-Head Earmuffs [3M-H10B](#)

- Patented Twin-Cup™ design has soft, foam-filled earmuffs cushions
- Behind the head design allows for easy use with hard hats
- Liquid / foam filled earmuff cushions
- NRR 29dB



3M™ Peltor™ Optime™ 105 Cap-Mount Earmuffs [3M-H10P3E](#)

- For noise levels up to 105 dBA
- Proprietary Twin-Cup™ design has soft, foam-filled earmuff
- Ear cup pivot points that tilt for optimum comfort and efficiency
- Easy cap-mount design
- Liquid / foam filled earmuffs cushions
- NRR 27dB

Accessories

3M™ Peltor™ Earmuff Replacement Hygiene

[3M-HY3](#), [3M-HY7](#), [3M-HY10](#)

- Extend the life of earmuffs with 1 pair of replacement cushions and 1 pair of dampers
- Hygiene kit for H6, H7, H9 & H10 series





3M™ Peltor™ X1 earmuffs

Standard attenuation, slim design

NRR 22 dB

- » Electrically insulated (dielectric) wire headband on model X1A
- » Earcups tilt for optimum comfort and efficiency
- » Twin headband design helps reduce heat buildup with good fit and balance
- » Wire headband offers comfortable pressure during prolonged usage
- » Lightweight, low-profile earcups for improved compatibility with other personal protective equipment (PPE)

Earcup Options



X1
Ultra slim earmuffs for
low noise environments

Electrically Insulated

A Models

P5E Models



X1A
NRR 22 dB



X1P5E
NRR 21 dB

Hard Hat-Attached

P3E Models



X1P3E
NRR 21 dB



Performance (Octave Band Attenuation Data - ANSI S3.19-1974)

Headband Models

Band Position: Over-the-Head

Model	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
X1A	Mean Attenuation (dB)	16.0	18.3	27.7	37.6	35.1	42.2	41.4	39.4	39.3	22 dB	A
	Standard Deviation (dB)	5.2	3.1	3.0	3.5	2.8	2.8	2.6	2.6	3.8		

3M™ Peltor™ X2 earmuffs

Medium attenuation, slim design

NRR 24dB

- » Electrically insulated (dielectric) wire headband on model X2A
- » Earcups tilt for optimum comfort and efficiency
- » Twin headband design helps reduce heat buildup with good fit and balance
- » Wire headband offers comfortable pressure during prolonged usage
- » Lightweight, low-profile earmuffs are ideal for a variety of noisy applications

Earcup Options



X2
Lightweight earmuffs
for low - moderate
noise environments

Electrically Insulated

A Models

P5E Models



X2A
NRR 24 dB



X2P5E
NRR 24 dB

Hard Hat-Attached

P3E Models



X2P3E
NRR 24 dB



Performance (Octave Band Attenuation Data - ANSI S3.19-1974)

Headband Models

Band Position: Over-the-Head

Model	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
X2A	Mean Attenuation (dB)	14.9	21.6	31.8	41.0	36.7	39.1	38.5	39.0	39.0	24 dB	A
	Standard Deviation (dB)	4.2	3.3	2.3	2.5	3.0	2.4	2.0	2.8	3.4		

HEARING PROTECTION

3M™ Peltor™ X3 earmuffs

High attenuation, low weight

NRR 28 dB

- » Electrically insulated (dielectric) wire headband on model X3A
- » Earcups tilt for optimum comfort and efficiency
- » Twin headband design helps reduce heat buildup with good fit and balance

- » Wire headband offers comfortable pressure during prolonged usage
- » Lightweight earmuffs designed for moderate to high noise exposure applications
- » Newly-designed spacer improves attenuation without a double cup design excess bulk or weight

Earcup Options



Electrically Insulated

A Models

P5E Models



Hard Hat-Attached

P3E Models



Performance (Octave Band Attenuation Data - ANSI S3.19-1974)

Headband Models

Band Position: Over-the-Head

Model	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
X3A	Mean Attenuation (dB)	23.4	27.7	29.4	42.5	38.8	39.3	42.3	39.5	39.5	28 dB	AL
	Standard Deviation (dB)	3.0	2.1	3.1	2.6	2.7	4.0	3.3	2.6	2.8		

Extremely slim, high performance

3M™ Peltor™ X4 earmuffs

NRR 27 dB

- » Electrically insulated (dielectric) wire headband on model X4A
- » Earcups tilt for optimum comfort and efficiency
- » Twin headband design helps reduce heat buildup with good fit and balance
- » Wire headband offers comfortable pressure during prolonged usage

- » Lightweight earmuff recommended for moderate to high-noise exposure applications
- » Low-profile cup design for improved compatibility with other personal protective equipment (PPE)
- » Newly-designed spacer improves attenuation without excess bulk or weight

Earcup Options



Electrically Insulated

A Models

P5E Models



Hard Hat-Attached

P3E Models



Performance (Octave Band Attenuation Data - ANSI S3.19-1974)

Headband Models

Band Position: Over-the-Head

Model	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
X4A	Mean Attenuation (dB)	20.5	24.1	32.8	40.7	37.6	44.5	45.4	42.4	42.3	27 dB	AL
	Standard Deviation (dB)	4.6	3.4	1.9	2.8	2.9	3.1	2.5	3.1	3.0		



Unparalleled attenuation without the need for double protection involving ear muffs and ear plugs.

3M™ Peltor™ X5 earmuffs

NRR 31 dB

- » Electrically insulated (dielectric) wire headband on model X5A
- » Earcups tilt for optimum comfort and efficiency
- » Twin headband design helps reduce heat buildup with good fit and balance
- » Wire headband offers comfortable pressure during prolonged usage
- » Very high attenuation earmuffs recommended for high-noise exposure applications
- » Despite larger earcups, product is lightweight with excellent balance and comfort
- » Newly-designed spacer improves attenuation without excess bulk or weight
- » NRR 31 dB [†] highest of any earmuff on the market

Earcup Options



X5
High protection earmuffs for high noise environments

Electrically Insulated

A Models

PSE Models



X5A
NRR 31 dB



X5P5E
NRR 31 dB



X5P3E
NRR 31 dB

Hard Hat-Attached

P3E Models



Performance (Octave Band Attenuation Data - ANSI S3.19-1974)

Headband Models

Band Position: Over-the-Head

Model	Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
X5A	Mean Attenuation (dB)	23.9	30.5	41.1	43.0	38.0	43.1	44.0	41.1	40.3	31 dB	AL
	Standard Deviation (dB)	4.1	2.2	2.8	2.9	2.7	2.9	2.4	2.6	2.2		

3M™ PELTOR's highest levels of Comfort, Durability and Protection

3M™ Peltor™ X Series – A new Standard DESIGN, COMFORT and ATTENUATION TECHNIQUES. 3M developed the new 3M™ Peltor™ X Series ear muffs based on these three pillars. In the addition to simplicity of use and ease of identification the new range ear muffs are now the new reference point in terms of over-the-ear protection.



3M™ Peltor™ Optime: A market reference

3M™ PELTOR's highest levels of Comfort, Durability and Protection

3M Hearing Protection Solutions made innovately easy



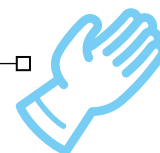
Protective hand glove selection process

Select the right glove for the right application:

- Chemical Resistant Gloves - Use for the handling of chemical such as acids, alkaline, solvent, detergent etc.
- Cut Resistant Gloves - Handling sharp object that may cause cuts, glove available ranging from cut level 1 to level 5
- Electrical Insulation Gloves - Handling high voltage ranging from 2500 KV to 40,000 KV
- Heat Resistant Gloves - Handling tools or material ranging from 200 degree celcius to 1000 degree celsius
- Cryogenic Gloves - Applicable for workers working on liquid nitrogen and liquid oxygen
- General Working Gloves - Ideal for worker for general handle to protect against abrasion
- Disposable Gloves - Commonly use by researchers, nurses, doctors, law enforcer and general public to protect against chemical, bacteria, virus and biological toxics etc. It is also use in food processing

Factors affecting the types of gloves selected:

- Gloves Materials - Nitrile, Natural Latex, Polyvinyl, Chloride (PVC), Neoprene (Polychloroprene), Poly-urethane (PU), Polyethylene (PE), Butyl, Viton, Cotton, Polyester, Kevlar, HPPE, Leather, Zetex, etc.
- Gloves Sizes - US sizing range from extra small to 3XL; european size range from size 6 to 12
- Gloves Lenghts - Available from 9 inches to as long as 31 inches
- Gloves Thickness - Depend on whether it is lined or unlined, glove can range from as thin as 3 MIL to as thick as 30 MIL depend on different manufacturers



Quebee Vinyl Synthetic gloves blue unlined non sterile. Ambidextrous, fit either hands, Smooth Texture Surface, Beaded Cuff.

QB Vinyl Synthetic Glove [QB-VSPF-DISP](#)

- Latex-free thereby preventing allergic responses
- Ambidextrous -fits either hand.
- Beaded cuff for easy on and off.
- Powder free gloves help prevent particulate contamination
- Excellent fit and comfort.
- Isolate hands from biological hazard while providing very good overall protection



Quebee powder free on-line chlorinated nitrile examination gloves with finger texture surface is made from 100% synthetic nitrile rubber which offers better puncture and abrasion resistance than latex or vinyl. Soft and elastic material feels cooler and is more comfortable and flexible to wear.

QB Examination Nitrile Powder free Glove [QB-OCPFNFK-EXAM](#)

- Material: 100% nitrile
- Thickness: 0.13 mm
- Length: 24cm
- Cuff: Beaded cuff
- Ambidextrous: Fits on either hand
- Acceptable quality level: AQL1.5
- Approval: Test in compliance with



Ansell Touch N Tuff® Nitrile, Smooth Fingertips [AE-92-600](#)

Premium quality, 100% thin-mil nitrile disposable gloves, appropriate for chemical splash protection

- Powder-Free, 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
- Length 9.5", Thickness 5mil
- Comply with FDA food handling requirements (21 CFR 177.2600)



Ansell Nitrilite® Nitrile, Ambidextrous, Powder-free [AE-93-311](#)

Specifically designed for strength and comfort in critical environments

- Significantly reduced particulate and extractable levels
- 100% powder-free with no plasticizers, silicone or pigments
- Superior strength of nitrile
- Thinner than comparable vinyl or latex gloves for a lighter, more comfortable glove
- Improved dexterity and tactility
- Length 12", Thickness 5mil



The combination of top-quality nitrile & water based PU foam & seamless nylon liner gives excellent dexterity, comfort & breathability for your hands.

Verge 700 QB-VERGE-700-L1

- Made of nylon yarn with black NBR foam palm
- Cut level 1
- Excellent grip in wet / slightly oily surface
- Durable
- Breathable
- Abrasion resistant
- Compliance: EN388:2003



Verge 1000 QB-VERGE-1000-L1

- Excellent Grip & Dexterity
- Strong resistance to oil & chemicals
- Exceptional comfort & breathability
- Heavy duty NBR foam coated glove
- Compliance: EN388:2003



Verge 2300 QB-VERGE-2300-L3

- Made of seamless HPPE yarn with black NBR foam palm
- Cut level 3
- Excellent grip in wet / slightly oily surface
- Durable
- Breathable
- Abrasion resistant
- Compliance: EN388:2003



Verge 2500 QB-VERGE-2500-L5

- Made of seamless HPPE and glassfiber yarn with black NBR foam palm
- Cut level 5
- Excellent grip in wet / slightly oily surface
- Durable
- Breathable
- Abrasion resistant
- Compliance: EN388:2003



Verge 7515 QB-VERGE-7517-L5

- Excellent High Performance Aramid / Stainless Steel Cut and Heat Resistant Liner
- Strong Coating Adhesion
- Exceptional Comfort & Breathability

Applications:

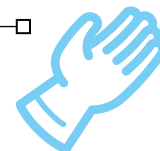
- Automotive assembly, Engine/Transmission assembly, Metal Stamping & Assembly, motored Equipment handling, construction, Glass handling & Aerospace.



Verge TACTICAL QB-VERGETACTICAL

- Durable synthetic leather double palm
- Reinforced thumb panel for added durability
- Breathing holes between fingers
- 2-way stretch spandex material provides maximum comfort
- Conformity : CE Directive 89/686/EEC





Hand protection is extremely important in jobs that can be dangerous not only on the palm but also on the back of your hands. Verge Mechanical Gloves provide abrasions protection on the palm with patches and back of fingers with plastic protection injected.



XXXX

Perforation resistance
Tear resistance
Cutting resistance
Resistance to abrasion

QUEBEE MECHANICAL GLOVE YLW FLUO

Verge PLUS QB-VERGEPLUS-YF

- Excellent grip & anti-slip properties
- Anti-slip, water-proof and oil proof patches on palm and finger
- Bright luminous green and orange plastic identification at dim light
- 4mm foam lining at knuckle with plastic protection injected
- Conformity : EN 388 CE Directive 89/686/EEC



3342



QUEBEE MECHANICAL GLOVE BLACK

Verge PRO QB-VERGEPRO-BK

- Excellent grip & dexterity
- Anti-slip, waterproof and oil proof patches on palm and finger
- Kevlar protection at junction of palm & Index finger for increase grip and fire resistant
- 4mm foam lining at knuckle with plastic protection injected
- Conformity : EN 388 CE Directive 89/686/EEC



2342



QUEBEE MECHANICAL IMPACT GLOVE

Verge Maxx QB-VERGEMAXX-

- Protect workers from hazards such as abrasion, cut, puncture, vibration, and impact protection
- The padding under the palm absorbed vibration and the sandy
- Nitrile foam coated palm provide excellent dry and wet grip
- TPR Big Panels Stitched on Knuckle & Lower Part of Gloves for impact protection
- Conformity : EN 388 CE Directive 89/686/EEC



4X44FP



QUEBEE MECHANICAL TOUCH GLOVE BLACK

Verge TOUCH QB-VERGETOUCH-BK

- Touchscreen compatible fingertip
- Durable synthetic leather double palm
- Reinforced thumb panel for added durability
- Breathing holes between fingers
- 2 Way stretch spandex material provides maximum comfort
- 4mm foam lining at knuckle with plastic protection injected
- Compliance: EN388 CE Directive 89/686/EEC



4xxx



EDGE
INDUSTRIAL WORK GLOVES

48-205

Affordable solution for demanding extraction jobs

- High Cut Resistant Palm High-performance fibres used in the construction of the palm protect the hands from cut injuries
- Back of hand TPR bumpers significantly reduce the risk of crush, pinch and impact injuries
- Excellent grip performance is provided in both dry, wet and oily environments
- The wide Neoprene Cuff with a pull strap allows easy donning and doffing



4X44EP



Verge 8000 is a general purpose NBR coated gloves that provide excellent grip when handling items with slightly oily and smooth surface. It also provides comfort and finger hugging feeling when handling very small object.

Verge 8000 QB-VERGE-8000-L1

- Excellent Grip & Dexterity
- Excellent Abrasion resistant
- Strong resistance to Oil
- Exceptional Comfort & Breathability

Applications: Electricity Component assembly & installation, Small part handling, logistic & Warehouse handling, Quality inspection, construction, Gardening & Agriculture.

Composition: Nylon, Spandex w/NBR Foam

Color: Grey/Black

Coating: Nitrile Foam Coated

Liner: 13 Gauge

Sizes: 8/M, 9/L & 10/XL

Packaging: 12prs/bag, 144prs/ctn

Compliance: EN 388: 2016

Performance Level: 4131X



Verge 9300 is a cut resistant NBR coated gloves that provide excellent cut resistant & grip when handling objects with slightly oily and smooth surface. It also provides comfort and finger hugging feeling when handling very small object.

Verge 9300 QB-VERGE-9300-L3

- Excellent High Performance Polyethylene Cut Resistant Liner
- Strong Coating Adhesion
- Exceptional Comfort & Breathability

Applications: Automotive assembly, Engine/Transmission assembly, Metal Stamping & Assembly, motored Equipment handling, construction, Glass handling & Aerospace.

Composition: HPPE & Polyester Yarn, Spandex & NBR Foam

Color: Grey/Black

Coating: Nitrile Foam Coated

Liner: 13 Gauge

Sizes: 7/S, 8/M, 9/L & 10/XL

Packaging: 12prs/bag, 144prs/ctn

Compliance: EN 388: 2016

Performance Level: 4X44C



Verge 9500 is a cut resistant NBR coated gloves that provide excellent cut resistant & grip when handling objects with slightly oily and smooth surface. It also provides comfort and finger hugging feeling when handling very small object.

Verge 9500 QB-VERGE-9500-L5

- Excellent High Performance Polyethylene Cut Resistant Liner
- Strong Coating Adhesion
- Exceptional Comfort & Breathability

Composition: Glass fibre, HPPE & Polyester Yarn, Spandex & NBR Foam

Color: Grey/Black

Coating: Nitrile Foam Coated

Liner: 13 Gauge

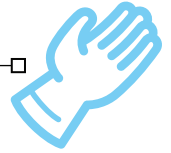
Sizes: 8/M, 9/L & 10/XL

Packaging: 12prs/bag, 144prs/ctn

Compliance: EN 388: 2016

Performance Level: 4X44D





Ansell HyFlex® Knit-lined, dipped, color-coded cuff [AE-11-800](#)

Big comfort for handling small parts

Ansell's original foam nitrile coating

- Channel oil away from glove surface for sure grip in light oil
- Exceptional, unmatched comfort for workers
- Provides good grip in dry environments
- Ergonomic Form-fitting liner design
- Glove molds naturally to the hand, minimizing fatigue
- Exceptional comfort and fit increases worker acceptance and safety compliance



Ansell HyFlex® Outstanding oil grip, great comfort [AE-11-801](#)

Outstanding grip with a relaxed fit

Patented Knitted Variable Stitch Design (KVCD)

- Advanced technology for relaxed fit in high stress areas
- Molds naturally to hand, helping prevent fatigue
- Black foam nitrile coating / Dark gray liner
- Channels oil away from glove surface for sure grip in light oil applications
- Industrial-friendly color hides dirt and grime, increasing time between laundry cycles
- Enables handling of small parts with precision, dexterity and flexibility



Activa Armr Nitrile Coating, Light Duty [47-200](#)

A new level of light-duty comfort and performance

- Better resistance to snags, punctures, abrasions and cuts when compared to ordinary 8-ounce cotton and string-knit gloves
- Ergonomically designed to be extremely cool, comfortable, light and flexible
- Superior dry grip
- Lightweight nitrile coating repels oil and grip



Activa Armr Nitrile coated, interlock knit lined, medium-duty [47-402](#)

A smart alternatives that outperforms cotton, leather and PVC gloves

- Outwears cotton up to 12-to-1, lightweight leather 5-to-1, and PVC-coated gloves 3-to-1
- Comfortable cotton lining with nitrile coating for exceptional snag, puncture, abrasion and cut resistance
- Unique interlock knit liner and contoured design ensure excellent flexibility and dexterity



Ansell HyFlex® With new Intercept Technology™ developed by Ansell and Dupont [AE-11-501](#)

With new Intercept Technology™ Developed by Ansell and Dupont

- Enhanced cut protection, reduces the risk of injury and related expenses
- High cut protection increases worker confidence and morale when handling sharp objects ergonomic stretch liner
- Provides bare hand closeness, reducing risk of snags and hang-ups, nitrile foam coating
- Enhances grip in light oil conditions



Ansell Goldknit® 100% Kevlar® string knit dotted, medium weight [AE-70-330](#)

Get the confidence of superior cut protection with 100% Kevlar®

- 100% DuPont™ Kevlar® string knit for cut protection
- Protects hands from sharp metal, ceramic, glass and other edges
- Styles featuring PVC dots make them the ideal choice when enhanced grip is desired
- Reversible design allows glove to be worn on either hand, reducing replacement costs
- Launderable for extended life



Honeywell Chainex 5 Finger Ambidex Stainless Steel
[HW-250000](#)

The gloves offer a high level of protection against cuts and stab wounds with maximum comfort for flexible hand movement

- Lightweight, AISI 316L stainless steel rings
- Adjustable nylon straps with snap fasteners
- Five-finger glove is reversible / ambidextrous
- Instructions, maintenance, cleaning / storage information included
- Complies with USDA requirements
- Size: XS(Green), S(White), M(Red), L(Blue), XL(Orange)





Activa Armr Heat Protection, Nitrile coated [AE-42-474](#)

Superior heat resistance with complete protection for hand and wrist

- Non-woven felt insulation and a full-length heat barrier designed for intermittent handling of objects up to 400°F
- Two-piece construction eliminates out seams for better finger comfort, dexterity and flexibility
- Bonded nitrile coating protects against snags, punctures, abrasions and cuts
- Provides excellent grip when handling dry or oily surfaces
- Contains no asbestos
- Back of hand heat insulation
- Length 14"



Ansell AlphaTec® Sol-Vex® Nitrile, Unsupported

[AE-37-175](#) / [AE-37-165](#) / [AE-37-185](#)

Versatile chemical protection that performs across a diverse range of applications

- High performance nitrile compound provides an outstanding combination of chemical resistance and strength
- Offers superior snag, puncture and abrasion protection over rubber or neoprene gloves
- Suitable for heavy-duty cleaning applications
- High levels of flexibility, comfort and dexterity
- Won't swell, weaken or degrade, and does not promote contact dermatitis
- Length 13", Thickness 15mil (37-175), Length 15", Thickness 22mil (37-165), Length 18", Thickness 22mil (37-185)
- Comply with FDA food handling requirements (21 CFR 177.2600)



Ansell AlphaTec® Neoprene Coated, Interlock Knit-lined [AE-09-928](#)

Top-of-the-range Neoprene delivering excellent wide-ranging chemical protection

- Top quality neoprene coating, protects against a wide range of oils, acids, caustics, alcohols and many solvents
- Good resistance to all mechanical hazards
- Special Hi-Lo insulated gauntlet option with quilted cotton liner, for use in both hot and cold temperatures. Permits intermittent handling in hot liquids up to 180°C (400°F) and handling in cold temperatures down to -25°C (-13°F)
- Comfortable anatomical glove shape which follows the contours of the hand at rest. Improves dexterity and reduces hand fatigue
- AQL 1.0 (EN374)
- Improved flexibility



Ansell AlphaTec® Nitrile Ansell Grip technology [AE-58-535B](#)

A new generation of chemical protection for improved safety and productivity

- Revolutionary Ansell Grip Technology – a nitrile layer filled with microscopic channels that actively transfer oils and other lubricants away from the gripping surface
- Consistent polymer coating significantly reduces the likelihood of chemical leakage
- Unique combination of grip, chemical resistance and superior comfort
- Superior tactility and dexterity for greater control, significantly reducing fatigue and Carpel Tunnel Syndrome-related injuries
- Length 14", Thickness 13mil



Ansell Alphatec® Neoprene Coated [AE-08-354](#)

Heavy-duty protection against a wide range of chemicals

- Specially designed neoprene construction
- Knit lined for comfort and easy donning and doffing
- Textured finish provides excellent grip on wet and slippery materials with great flexibility
- Snug fit with high degree of fingertip sensitivity
- Interlock knit cotton two-piece lining eliminates seams that can cause hand irritation and premature wear-through
- Length 14"



Ansell Alphatec® Chemical and Heat Resistant, Neoprene Coated with Thermal Liner

[AE-19-024](#)

The chemical resistance of neoprene with a soft thermal liner

- Scorpio gloves combine the flexibility and chemical resistance of neoprene with the comfort and heat resistance of a soft thermal liner. They are designed to protect the users in applications where thermal and chemical risks are present
- Excellent mechanical and chemical properties. Unaffected by detergents and cleaning solutions. Excellent protection against greases and oils. Superior flexibility and grip
- Comfortable insulating double liner. Provides protection from intermittent contact with hot surfaces up to 180°C.
- AQL 1.0 (EN374)
Caution: Do not use the gloves in applications above 180°C or in around open flame



Ansell Alphatec® Neoprene & natural rubber latex blend [AE-87-276](#)

Ideal mix of chemical, abrasion and puncture resistance

- Made from a Neoprene and natural rubber latex blend, the NeoGreen glove provides an ideal mix of chemical, abrasion and puncture resistance
- The cotton flock lining on the inside of the NeoGreen glove provides added comfort and the close fitting contoured shape also allows maximum dexterity
- Case hardened for improved resistance against fats and oils
- Sanitised to help reduce bacterial build up
- Manufactured from FDA-compliant materials for food contact
- Liquid proof to an AQL of 1.5
- All ingredients conform to the applicable FDA indirect food additive regulations as prescribed by the FDA Code of Federal Regulations, Title 21, Part 177, Section 2600, 'Rubber Articles'
- Caution:** This product contains natural rubber latex which may cause allergic reactions





Ansell Alphatec® AE-29-865 (Neoprene)

Medium duty unsupported neoprene glove with outstanding flexibility for ease of handling

- Excellent resistance to chemicals, including oils, acids, alcohols, caustics and solvents
- Case hardened to increase chemical and abrasion resistance over ordinary neoprene gloves
- Complies with FDA food handling requirements (21 CFR 177.2600)
- Cotton flock lined to better comfort
- Very good dexterity and sensitivity



Ansell Alphatec® AE-38-514 (Butyl)

Excellent chemical protection, including solvents and some acids

- Provide the best resistance to the most aggressive chemicals-without compromising dexterity or comfort
- Superior protection against aldehydes, ketones and esters as well as concentrated mineral acids
- Very good flexibility
- Designed for comfort with natural, curved ergonomic shape and soft feel to offer easy donning and good grip
- AQL1.5



Ansell Alphatec® AE-02-100 (Laminated Film)

Extreme resistance against a wide range of chemicals and biological hazards

- 5 protective layers of laminated film for excellent chemical resistance
- Hand-specific design
- Exceptional barrier integrity with very low AQL and all gloves individually air-pressure tested
- Approved for use with all the Trellech® gassight suits
- AQL 0.065



Ansell Alphatec® AE-87-950 (Natural Rubber Latex)

Thicker natural rubber latex glove for extra protection in heavy duty applications

- 50% thicker than standard flock lined gloves
- Extremely high resistance to many ketones, salts, detergents, alcohols, alkalis and fats
- Excellent resistance to mechanical hazards plus increased chemical protection
- Chlorinated
- 100% cotton flock lining to help absorbing perspiration
- AQL 0.65



Ansell Alphatec® Gloves are Constructed from Neoprene **AE-29-500**

Unsupported Neoprene / Latex flocklined

- Ideal for use in cold conditions - neoprene maintains its superb elasticity even at low temperatures
- Neoprene formula. Protects against a wide range of acids, caustics, alcohols and many solvents
- Superior flexibility. Contains natural rubber. Much less tiring to the hands than other heavy-duty gloves
- Flocklined in pure cotton. Soft, comfortable and absorbent
- AQL 0.65 (EN374)



Ansell Alphatec® **AE-58-735**

Cut-protective chemical-resistant gloves with high-visibility liner, for advanced protection

- Nitrile shell barrier: EN 374 Type A resistance against common chemicals
- High-visibility inner liner: Indicates when cut, for superior safety
- INTERCEPT™ Cut Resistance Technology: ANSI A3/EN ISO C cut protection
- Specialized protection: AlphaTec® 58-735 chemical gloves' nitrile barrier protects against common chemicals

Enhanced features:

- Their high-visibility inner liner indicates when the shell is compromised, warning users, while their foldable cuff can prevent chemicals running down the arm
- Heightened defenses: AlphaTec® 58-735 safety gloves' INTERCEPT™ Cut Resistance knitwork ensures ANSI A3/EN ISO C cut protection
- Tightened grip: ANSELL GRIP™ nitrile shell treatment delivers better grip for handling both wet and oily components
- Optimized durability: AlphaTec® 58-735 PPE gloves also achieve ANSI level 6 abrasion resistance, for longer wear
- Elevated comfort and dexterity: The liner's integration into the nitrile shell ensures better fit, comfort and tactility
- Harm-free food handling: These AlphaTec® gloves comply with EU and FDA food handling regulations, while Oeko-Tex® Standard 100 approval certifies them free of substances considered harmful to human health



Ansell PVA™ Alphatec® Polyvinyl Alcohol Coated, Interlock Knit Lined **AE-15-554**

Specially designed to provide chemical protection against dangerous organic solvents

- Nearly inert to strong solvents, including aromatics, aliphatic, and chlorinated solvents – which quickly deteriorate natural rubber, neoprene and PVC gloves
- Cotton interlock liner adds strength to the glove and improves comfort levels
- Lasts 10-15 times longer than any other coated glove when handling many solvents
- Offers good resistance to snags, punctures, abrasions and cuts
- Length 14"

Caution: do not use the gloves in water or water-based solutions





Quebee Kevlar / Leather Heat Resistance Glove

QB-KP138-81714 / QB-KP138-81718

- With leather and kevlar reinforced palms
- Provide excellent abrasion and cut protection
- Length: 14" & 18"
- **Heat Protection range from 600°F to 800°F**



Black Stallion Kevlar® High Temperature Gloves

BS-DK114

- Standard high temperature gloves
- 22 oz. Kevlar®
- 14" length
- Fully sock lined with wool
- Size(s): One size
- **Heat Protection range from 600°F to 800°F**



Zetex Aluminized Gloves

LC-NT-ZGA160001-14

- Made with metalized aluminum film bonded to durable Zetex fabric
- Provide excellent insulation, flexibility and resistance to delaminating, cracking and peeling
- Designed to reflect 90% of the radiant heat
- Length: 14"



Zetex Plus Gloves

LC-NT-ZPG160000-14

- With Nomex Aramid fiber liner
- Provide excellent abrasion and cut resistance
- High-temperature performance up to 2000°F
- Length: 14"



Cold Protection Gloves

Tempshield Cryo-Glove Cryogenic Protection in Ultra-Cold Environments

- Superior thermal protection
- Water resistance
- Comfortable / lightweight / excellent dexterity
- Breathable / Stay-dry lining
- Length: 15" (Mid arm length), 18" (Elbow length)

Applications

- Ultra low and blast freezers
- Cold rooms
- Dry ice handling
- Liquid nitrogen
- Liquid oxygen

Environments

- Clinical laboratory
- Bio-medical
- Blood banks
- Frozen Food processing
- Pharmaceutical



Electrical Protection Gloves

Regeltex Insulating gloves [RG-2.5K-CLASS00](#) / [RG-5K-CLASS0](#) / [RG-10K-CLASS1](#) / [RG-20K-CLASS2](#) / [RG-30K-CLASS3](#) / [RG-40K-CLASS4](#)

For Electrical works

Our full range of insulating gloves for live working complies with the specifications of the European Standard EN 60903:2003 and the International Standard IEC 60903:2002. Likewise, our production is subjected to a system for ensuring EC quality of production by means of monitoring to implement article 11b of the 89/686/EEC directive relating to Personal Protective Equipment which classifies insulating gloves for live working in category III (mortal risks)



Electrical requirements (routine test and sampling test in alternating current)

Class	Max operating voltage (volts)	Proof test voltage (volts)	Withstand voltage (volts)
00	500	2 500	5 000
0	1 000	5 000	10 000
1	7 500	10 000	20 000
2	17 000	20 000	30 000
3	26 500	30 000	40 000
4	36 000	40 000	50 000



Polka Dot Gloves

SW-PK363-RW-3178TB

- Made from cotton canvas with black PVC dots and knitted wrist
- Provides excellent grip
- Available in red cuff



Argon Welding Glove

SW-AW115-10.5

- Full grain leather glove
- 9 inch length, gunn cut, wing thumb, with shirred elastic back and cotton tape hemmed, unlined
- Slip-on style for easy donning and doffing
- Buffalo grain leather, tanned cowhide ensures maximum protection against hot objects, cuts and abrasions
- Excellent dry grip for handling small and tough objects
- Available in Grey & Yellow

Quebee Industrial Rubber Gloves

QB-RB305-BK

- Made of natural rubber latex as raw material
- With various additives comfortable and convenient for use
- Length: 12", 18", 24"
- Color available: Black



Goatskin Argon Leather Gloves

SW-AW-12806W

- Soft goatskin full grain leather Argon glove
- Length: 10.5" & 14"
- Color available: Grey

Cowhide Argon Leather Gloves

SW-AW-12806W-DG10.5 / SW-AW-12806Y-CD

- Soft cowhide full grain leather Argon glove
- Colors available: Yellow or grey
- Length: 10.5"



Cotton Button Gloves

SW-47101-WH

- Made from bleached cotton with snap button closures
- Available in blue or white color



T-Shirt Gloves

LC-HG-CT-4012

- Cotton inspection gloves are reversible and form fitting
- Can be used alone or as inserts with other gloves



Lint-Free Gloves

SW-402W-TK

- 100% Nylon knitted work gloves, with 70D/1 stretch knitted fabric, 2-piece style
- Offers superior flexibility and excellent dexterity, very light and easy to wear
- The fine gauge cut of this glove provides unsurpassed tactile sensitivity



Poly Dot Gloves

LC-PLD384-62087

- A cotton knitted glove with black poly dots on both side
- Provides excellent grip.
- Reversible and washable for added saving





PROTECTIVE CLOTHING



Selection of Protective Clothing

Protective Clothing are specially designed, fabricated, or treated to protect personnel against hazards caused by chemical handling, fire hazards, particulates such as lead, asbestos, and other dangerous working conditions. Workers who deal with hazardous materials need the utmost confidence in their protective apparel.

Protective Clothing for industry has numerous standards. These standards include those standards applicable to chemical protection, hot work, protection from cuts, and molten metal as well as other types of hazards. They provide guidance for selection use, proper care, and maintenance.

While both EN and NFPA standards provide a guaranteed level of safety and performance, it is important to note they are not the same. Each certification requires different testing procedures, each with its own methodology to simulate the real-life hazmat incidents

Types of Protective Apparel available for selection range from chemical resistant clothing for hazmat handling; flame resistant clothing for highly flammable environment; fire fighting clothing, cryogenic, cold room clothing, reflective vest and rain wear

PROTECTIVE APPARELS

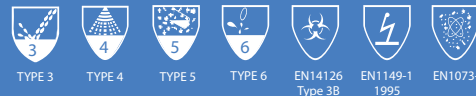
Dupont™ Tychem® 2000 DP-TYCHEM-C

- Protection against numerous inorganic chemicals
- Resists liquid splashes up to 2 bar
- Particle tight fabric
- Biological protection-meets the EN14126 requirements in the highest performance class
- Protection against particulate radioactive contamination
- Lightweight Type 3B protection
- Garment design provides the right fit and ease of movement for the wearer
- For applications where decontamination is needed: the fabric is resistant to certain commonly used decontamination substances
- Does not contain halogen compounds, so can be disposed of via standard means



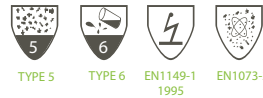
Dupont™ Tychem® 6000 DP-TYCHEM-F

- Protection against numerous organic and highly concentrated inorganic chemicals
- Resists liquid splashes up to 5 bar
- Particle tight clothing material
- Biological protection-meets the EN14126 requirements in the highest performance class
- Protection against particulate radioactive contamination.
- Ease of movement and correct fit
- Lightweight Type 3B protection, only 450g for Tychem® F - size L
- For applications where decontamination is needed: the fabric is resistant to commonly used decontamination substances
- Does not contain halogen compounds, so can be disposed of via standard means



Dupont™ Tyvek® 400 DP-TYVEK

- Barrier against many inorganic chemicals in low concentrations and particles larger than 1µm
- Protection against particulate radioactive contamination
- Reliable Type 5 and 6 protection
- As a result of its unique manufacturing process, TYVEK® is permeable to air and water vapour
- Easy to dispose off, does not contain halogen compounds
- Garment design offers ease of movement to the wearer



QB MicroPz Disposable Chemical Coverall QB-5026-356D

- Breathable
- Electrostatic dissipative
- Anti-bacterial
- Protect against solid particulates, liquid chemicals, infective agents, chemical and radio active particles





QB Tecasafe Plus FR Garments

- Inherently flame resistant: FR properties are built in, and won't wash or wear out
- Compliance: Exceeds NFPA 70E HRC1, HRC2 and NFPA 2112 performance standards
- Comfortable to wear: Soft and breathable. Superior moisture management because of special cellulosic fibre content
- Exceptional durability: Outstanding abrasion resistance and better strength retention after multiple commercial washes
- Outstanding laundered appearance: Fabric retains its new look and maintains permanent pressed appearance better than other protective fabrics
- Excellent value: Long life cycle and competitive price
- Design option: Jacket and pants, coverall
- Colour available: Orange, navy blue and other colour option upon request



TECASAFE Overall Chart Sizes

QB-TCS580-CL-NB / QB-TCS580-CL-OR

	S	M	L	XL	2XL	3XL	4XL	5XL
SHOULDER	17.5"	18.5"	19.5"	20.5"	21.5"	22.5"	23.5"	24"
CHEST	40"	42"	44"	46"	48"	50"	52"	54"
WAIST (after elastic)	35"	37"	39"	41"	43"	45"	47"	49"
BODY LENGTH	18.5"	19"	19.5"	20"	20.5"	21"	21.5"	22"
LENGTH OF PANT	39"	40"	41"	42"	43"	43"	44"	44"

TECASAFE Jacket Chart Sizes

QB-TCS580-JK-NB / QB-TCS580-JK-OR

	S	M	L	XL	2XL	3XL	4XL	5XL
SHOULDER	17.5"	18.5"	19.5"	20.5"	21.5"	22.5"	23"	23.5"
CHEST	39"	41"	43"	45"	47"	49"	51"	53"
SLEEVE	22.5"	23"	23.5"	24"	24.5"	25"	25.5"	26"
WAIST	38"	40"	42"	44"	46"	48"	50"	52"
LENGTH	25.5"	26"	27"	28"	29"	29.5"	30"	30.5"

TECASAFE Pants Chart Sizes

QB-TCS580-PT-NB / QB-TCS580-PT-OR

	S	M	L	XL	2XL	3XL	4XL	5XL
WAIST	28"	30"	32"	34"	36"	38"	40"	42"
LENGTH	38.5"	39.5"	40.5"	41.5"	42.5"	43"	43.5"	44"



Quebee Fire Fighting suit are made of Multi – layer structure using Nomex as the outer shell, lined with CONEX & TWARON moisture barrier and insulating thermal barrier resistant lining.

*Photos are for illustration purposes only.
Actual colors may vary.*

TenCate Genesis protective fabrics

Genesis with tri-blend comprised of 93% Meta-Aramid, 5% Para-Aramid and 2% Anti-Static fiber to provide head-to-toe protection against heat, flash fire, electric arc and other dangerous conditions.

Ideal for electric and gas utilities, fire service stationwear, emergency medical services, petroleum refineries, chemical, racing or military; Genesis® is lightweight, breathable fabrics. It is flame resistance and durability wash after wash for the ultimate in durability.

- Good resistance to tears and abrasion
- Proprietary wicking finish stays soft, keep cool and dry
- Unbeatable durability retains professional look even after rugged use
- Genesis® is available in 2 weights; 4.5 osy and 6.0 osy
- NFPA2112 and ASTM1506 certified



PROTECTIVE APPARELS

QB-UXF-X6-968-NB

Outer Shelf : 6.0oz Nomex IIIA; 93% Nomex / 5% Kevlar / 2% P140; Twill Weave (200 gm)
Moisture Barrier : 70% Conex / 30% Twaron Laminated to FR PTFE Membrane 70gm)
Thermal Felt : 95% Nomex / 5% Kevlar (150gm)
Lining : 50% Nomex / 50% FR Viscose (130gm)
Reflective Tape : 3M Scotchlite Fluorescent Line-Yellow Fire Coated
Color : Navy Blue
Packaging : 1 suit per bag
Sizes : M, L & XL Only (other sizes on request)
Approval : EN 340: 2003, EN 469: 2005

Fire Fighting Suit, Trouser

- Two large Front Flapped Pockets
- Flapped bellow pocket on each leg
- Leg Cuffs with leather trimming
- 3M Scotchlite Reflective Tapes were installed to enhance high visibility

Fire Fighting Suit, Jacket / Coat

- Upright collar closed with Velcro tabs can be turned down
- Chest pocket on the jackets installed with radio pockets and microphone bracket
- The front opening closed with brass zipper which is covered by a Velcro-sealed plate
- Cuff with inner rib sleeve to prevent fire incursion
- 3M Scotchlite Reflective Tapes were installed to enhance high visibility



QB firefighter Glove

- Outer Shelf: 6.0oz Nomex IIIA; 93% Nomex / 5% kevlar / 2% P140; Twill Weave (200gm)
- Moisture Barrier: 70% Conex / 30% Twaron Laminated to FR PTFE Membrane (70gm)
- Thermal Felt: 95% Nomex / 5% Kevlar (150gm)
- Lining: 50% Nomex / 50% FR Viscose (130gm)
- Reflective tape: 3M Scotchlite fluorescent line-yellow fire coated tape
- Color: Navy blue
- Packaging: 1 pair / poly bag
- Sizes: M & L only





Flame Resistance (Coverall / Jacket & Pants) Protective Apparels

Quebee Flame Resistance (QFR) garments are made from 98% cotton and 2% Anti-static blend fabrics that combines the durability and the comfort of cotton. Despite their soft texture and pleasant next-to-skin comfort, Quebee® QFR garments are highly durable due to their strong abrasion resistance.

QFR garments provide limited protection in the event of a flash fire or electric arc flash. In other words, the purpose of QFR garments is to limit damage done to the body and to provide extra crucial seconds to get away from the flash fire. Its two main function is to slow down the transfer of heat through the garment and insulating the body against the heat source. Secondly, self-extinguishing and not continuing to burn when the flame/heat source is removed.



Quebee Flame Resistance (Coverall)

QB-QFR-CL-NB / QB-QFR-CL-OR



Quebee Flame Resistance (Coverall)

QB-QFR-JK-NB / QB-QFR-JK-OR

QB-QFR-PT-NB / QB-QFR-PT-OR

Specifications

Fabric Material:	FR Cotton Treated. 98% cotton and 2% Anti-Static
Type & Weight:	Twill 220 gsm
Wash count:	50 wash
Colour:	Orange & Navy Blue in
Design:	Jackets & Pants and Coverall
Reflective Tape:	2 inches Silver Flame Resistant Reflective Tape

Compliances

EN ISO 11612:2015: Protection against Industrial Heat and Flame Hazards

EN ISO 11611:2015: Protection against Welding Hazards

EN 1149-5:2008 : Electrostatic Properties according to Charge Decay Method

PROTECTIVE APPARELS

Chemical Protective Clothing & Headgear

Alpha Solway Chemmaster Clothing

Chemmaster is the well established and proven range of chemical protective clothing from Alpha Solway. The range offers a robust, practical and economical range of garments, including coveralls, jackets, trousers, bibs and brace, surgical coats, leggings, sleeves, headgear and aprons.

- Manufactured from a high tear / abrasion resistant
- 380 gm² PVC coated nylon fabric
- Stitched and high frequency welded seams
- Exceptional chemical resistant properties against many acids & alkalis
- Ideal for a wide variety of chemical handling operations

Suggested Usage

Manufactured in a robust and practical fabric, Chemmaster garments will protect against many acids, alkalis and solvents.



BD-CMBH

EN 466:1995



EN 465:1995



EN 467:1995



BD-CMH10



Chemmaster Protective Headgear (Apollo)

Chemical splash hood, with fixed double skin wide angle- anti-mist visor system, ventilation ports and extended front and back apron, with velcro closure. Designed to wear with safety helmet. Conforms to BS EN467:1995



BD-CMH4

Chemmaster Protective Headgear

Chemical splash hood, with neck and shoulder cape, visor and apron front. Conforms to BS EN467:1995



BD-CMH8

Chemmaster Protective Headgear

Chemical splash hood, with neck and shoulder cape, apron front, with anti-mist visor and ventilation ports. Conforms to BS EN467:1995



Chemicals, fats, oils, grease, punctures and abrasions are just some of the hazards industrial handlers are exposed to in their daily work. To shield their bodies from unwanted harm, they need effective protection. Made of high quality vinyl and neoprene that is soft and flexible, Quebee aprons have the versatility to meet medium to heavy duty protective needs.

QB Heavy Duty Neoprene Apron

QB-BSA300-56411

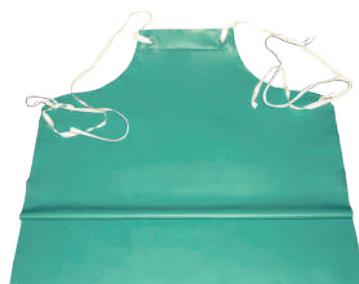
- Made from 19oz. heavy duty black neoprene
- Offer broad spectrum protection from a wide range of chemicals
- Sizes : 35" X 43"
- Thickness : 22 mils
- Color : Black



QB Heavy Duty Vinyl Apron

QB-BSA500-460-54742

- Made from heavy duty vinyl
- Offers greater resistance to chemicals, fats, oils, grease, punctures and abrasion
- Sizes : 35" X 45"
- Thickness : 20 mils
- Color : Green



QB Regular Duty Vinyl Apron

QB-BEA06-R-54441

- Premium Quality Industrial Apron
- Made from high quality vinyl
- Combines flexible and resistance to chemicals, fats, oils and punctures
- Sizes : 35" X 48"
- Thickness : 7.5 mils
- Color : Blue



QB Vinyl Coat Apron

QB-BSA900-56910

- Made from high quality vinyl with dielectrically welded seams
- Provide chemical resistance and frontal protection
- Full sleeves with elastic wrists for additional arm protection
- Very good for high-tech applications, labs, FAB rooms and many chemicals used in electronics manufacturing
- Size : 51" X 27"
- Thickness : 8 mils
- Color : Blue



PROTECTIVE APPARELS

Black Stallion 36AHS Aluminium Kevlar Apron

BS-36AHS

- Standard high temperature bib apron
- 19 oz. aluminized carbon/Kevlar®
- 36" length"
- Size(s): One size



QB PVC Apron QB-AP-42X29-YW

- Supported PVC / Polyester
- Bib Ties
- Approx. Size: 29" x 42"
- Available in Yellow and White



Ansell Disposable Polyethylene Aprons

Economical protection for light to medium duty use

AE-54-290

- High quality virgin material combines flexibility and resistance to chemicals, fat and oils
- Easy to clean, conveniently packaged and available in embossed or smooth styles
- Component materials comply with FDA regulations for food contact
- Available in model: 54-290 white polyethylene embossed, 1.75mil Size: 28" x 45"



Tempshield Cryo Apron

Protection from cryogenic atmospheres and splashes TS-CA42-APRON

- Superior thermal protection
- Waterproof
- Comfortable/ Lightweight/ Breathable
- Warmth and splash protection for torso and upper legs
- Adjustable straps at neck and waist
- Side release buckles for quick on/off
- Available in sizes: 24" x 42", 24" x 48"





Protective Sleeves

QB Vinyl Sleeves

QB-ASC06-59001-BU

- A full 18 inches sleeve, 8 mil.
- Vinyl styles are completely heat sealed with no exposed elastic
- Excellent protection against chemicals, snaps, punctures and abrasions



Dupont Tyvek Sleeves

DP-14500

Features:

- Elastic at both ends
- Providing forearm protection when required
- Length: 17", one size fits all



Black Stallion 18" Kevlar® Knit Sleeve

BS-KK-18S

- SafSleevez™ Kevlar® knit sleeves
- 18" length
- Double layer
- Cut, abrasion and flame-resistant
- ANSI cut level 3
- **CAUTION:** User must determine if this product provides adequate protection
- Size(s): 18" length



Black Stallion Aluminized carbon/ Kevlar® High Temp Sleeves

BS-AHS14 / BS-AHS18

- Standard high temperature sleeves
- 19 oz. aluminized carbon/Kevlar®
- Pull strap
- 14" / 18" length



PROTECTIVE APPARELS

QB PVC/Polyester Yellow Rainsuit [QB-HD3512](#)

- Jacket with nylon zip
- Closure front with plastic snaps
- Attached hood with drawstring
- Raglan sleeves with plastic snaps
- 2 flapped pockets and vented yoke back
- Pants with elasticized waist
- Bottom plastic snaps
- 100% waterproof
- Comfortable wear



QB HD3543 PVC/Polyester Raincoat [QB-HD3543](#)

- Attached hood with drawstring
- Raglan sleeves with plastic snaps
- Closure front with plastic snaps
- 2 flap pockets in front
- Ventilation opening on back
- 100% waterproof
- Comfortable wear



Reflective Waist Coat



Panda Safety Vest [PD-195-YM/WTXB](#)

- High-visibility fluorescent mesh material
- Two horizontal bands of 50mm wide reflective tape
- Two vertical bands over each shoulder joining the upper body band front and crossing at the back
- Silver reflective strip (PD195) and yellow reflective strip (PD194)
- Conforms to EN471
- Color: fluorescent yellow (PD195) or orange red (PD194)
- Size: One size fits all



Panda Fabric Safety Vest [PD-295-YF/WTXB](#)

- Polyester tricot high-visibility material
- Two horizontal bands of 50mm reflective tape
- Two vertical bands over each shoulder joining the upper body band front and crossing at the back
- Silver reflective strip
- Conforms to EN471
- Color: fluorescent yellow
- Size: One size fits all



Panda Elastic Reflective Brace c/w Buckle [PD-637-STXB](#)

- Easy adjust for a secure and comfortable fit
- Retain its color under toughest weather
- Quick release buckle for easy donning and doffing
- Suitable for construction workers, street workers, traffic control, public utilities and safety patrols
- Color: Fluorescent Yellow, orange
- Material: Nylon, Polyester
- Tape: Silver reflective





Tempex classic line has proven its worth over the course of many years of use in cold stores. Certification according to EN342 and the high-quality materials used-for example, the hard-wearing NR-Classic polyamide outer fabric-give its wearer the certainty that they will be perfectly protected, whatever they do, added to this is the fact that the individual products are so well coordinated that they complement each other intelligently, forming a complete protection system. Further advantages of our Classic line include the Tempex Thermosoft high-bulk insulating non-woven developed specially for work clothing, reflective tapes for outstanding visibility and the comfortable, functional styles.

Trousers TP-30006-1026

- With kidney guard and fixed elastic braces. Slit closure (not included on womens trousers). Full lengths side zipper with inner flaps. 2 side pockets. Seam reinforcement made of outer fabric. Reflective tape around the legs
- Adjustable suspenders
- Raised back
- Front zipper
- Full-length leg zippers with inner flaps
- Side pockets
- Reinforced hem made of the outer fabric
- Circumferential reflective tape on the legs

Seam reinforcement for long durability. Acrylic fur knee insulation.

Care:



Order Picker's Coverall TP-30012-1026

- Tightly fitting acrylic fur collar with velcro fastener. Sleeves with knitted cuffs. 2-way-front zipper with additional covering flaps with press studs. Legs with long side zippers with inner flaps. Elastic waistband at the back. Waist adjustable at the side. 2 breast pockets and 2 side pockets with flaps. With additional acrylic fur knee insulation. Seam reinforcement made of outer fabric. Reflective tape around chest arms and legs
- Tight-fitting collar of faux fur with a velcro fastener
- 2 chest pockets
- 2 front pockets
- Covered 2-way front zipper
- Knitted cuffs
- Elastic waistband in the back
- Adjustable hip size
- Leg zippers with inner flaps
- Knee insulation made of acrylic fur lining
- Reinforced hem made of the outer fabric
- Circumferential reflective tape on chest and legs

Care:



Jacket TP-30001-1026

- Tightly fitting acrylic fur collar with velcro fastener. Sleeves with knitted cuffs.
- Front zipper with additional covering flaps with press studs. Elastic waistband at the back. 2 side pockets with flap. Reflective tape around chest and arms
- Hood with faux fur lining and tight-fitting knit edge
- Left-side chest pocket with zipper
- 2 front pockets
- Covered 2-way front zipper
- Knitted cuffs
- Elastic waistband in the back
- Circumferential reflective tape

Care:



PROTECTIVE APPARELS



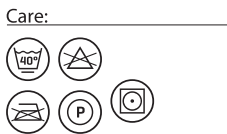
Supervisor's Coat TP-30011-1026

- Fixed hood with acrylic fur lining. Tightly closing with flap. Sleeves with knitted cuffs. Front with 2-way-zipper and additional covering flaps with press studs. Elastic waistband at the back. 2 side pockets with flap. One breast pocket. Reflective tape around chest and arms
- Tight-fitting collar faux fur with a Velcro fastener
- Left-side chest pocket with zipper
- knitted cuffs
- Elastic waistband in the back
- Circumferential reflective tape



Hood, Classic TP-30051-1026

- Tightly closing. With drawstring and adjustable tab closure. 2 button holes for fixing to jacket. Suitable for jacket and coverall
- Tight-fitting knit edge
- Front press button
- Drawcord
- 2 button holes for securing to a jacket
- Suitable for Classic jackets and overalls



Tempex Cold Protection Sizes

Men's sizes

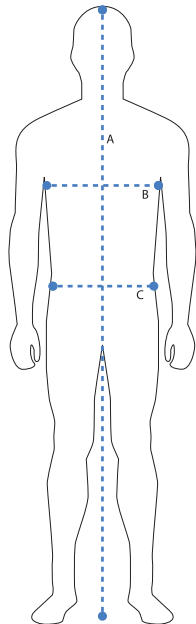
Clothing size		Body size	Waist	Chest
46/48	S	170 - 176	76 - 84	88 - 96
50/52	M	176 - 182	84 - 92	96 - 104
54/56	L	182 - 188	92 - 104	104 - 112
58/60	XL	182 - 188	104 - 112	112 - 120
62/64	XXL	182 - 194	112 - 124	120 - 128

For sizes larger than 58/60, we charge an additional +10% oversize fee.

Women's sizes

Clothing size		Body size	Waist	Chest
36/38	S	158 - 174	64 - 72	82 - 90
40/42	M	158 - 174	72 - 80	90 - 98
44/46	L	158 - 174	80 - 89	98 - 107
48/50	XL	158 - 174	89 - 101	107 - 119

For sizes larger than 48/50, we charge an additional +10% oversize fee.



A = Body size
Measured from head to toe

B = Chest circumference
Measured around over the chest or under the arms

C = Waist size
Measured around the waist (Narrowest point)



FALL ARREST EQUIPMENT

Selecting the correct Fall Arrest Equipment

There are three key components of a Personal Fall Arrest System (PFAS) which must be in place and properly used to provide maximum worker protection

- Anchorage Point
- Body Harness
- Connecting Element

Selecting the Correct Anchorage Point

When attached to a suitable anchorage point, the anchorage connector completes the workers fall arrest system. The best harness with the best lanyard cannot arrest a fall if an unsuitable anchorage is selected. An anchorage must support 12kN for a single tie-off for one individual, and in all cases the anchorage point selected must allow for minimum free fall clearances. An anchorage should also be positioned directly overhead whenever possible to avoid the pendulum effect which can cause a worker to swing as they fall, creating the potential for injury. Anchorage points range from class A1 single point anchors, class A2 inclined roof anchor, class B temporary anchors, class B temporary anchors, class C horizontal flexible cable systems, class D horizontal rails and class E dead weight anchorages

Selecting the Correct Body Harness

When selecting the right harness, the wearer must choose a harness that is designed for a specific application. A class 'A' harness shall have a dorsal D ring for fall arrest purposes. A class 'D' harness allows the user to connect into a control descent system or vertical anchorage lifeline. A class 'E' harness with a pair of shoulder D rings allows the user to connect into a confined space access system. A class 'P' harness allows the user to connect to a work positioning system. A class 'D', 'E', and 'P' harness will also meet the class 'A' harness requirements with a standard Dorsal D Ring

Selecting the Correct connecting Element

The correct connection component such as energy absorber lanyard of a fall arrest system acts to reduce the force of a sustained fall, when used in conjunction with a full body harness and suitable anchorage

Depending on the work application, there are a number of connector choices available to workers including lanyards for restraint fall arrestors and self retractable lifeline

When choosing the correct connection, it is important to consider the fall clearance distance, as well as the work application



FALL PROTECTION

Full body harness ensures fall safe protection, to arrest fall and in carrying out rescue and evacuation operations. The product design ensures adequate distribution of fall impact to various parts of the human body and supports the torso in such a manner that the workman rests in a comfortable position while awaiting rescue.

Full Body Harness QB-PN-10

- **Attachment Elements** - A dorsal attachment D-Ring for fall arrest
- **Adaptability** - Adjustable thigh-straps; manual sliding chest-strap
- **Convenience** - Shoulder and thigh-straps differentiated by a dual colour scheme
- **Ergonomics** - Ideally positioned sit-strap for extended comfort
- **Compliance** - EN361:2002, SS528:2006



Full Body Harness QB-PN-11

- **Attachment Elements** - A dorsal attachment D-Ring for fall arrest
- **Adaptability** - Adjustable thigh-straps; sliding plates for easy adjustment of chest-strap
- **Convenience** - Shoulder and thigh-straps differentiated by a dual colour scheme
- **Ergonomics** - Ideally positioned sit-strap for extended comfort
- **Compliance** - Conforms to SS528:2006, EN361:2002



Full Body Harness QB-PN-23

- **Attachment Elements** - 2 shoulder attachment D-Rings and a dorsal attachment D-ring for fall arrest
- **Adaptability** - Adjustable shoulder & thigh-straps; sliding plates for easy adjustment of chest strap
- **Convenience** - Shoulder and thigh-straps differentiated by a dual colour scheme
- **Ergonomics** - Ideally positioned sit-strap for extended comfort
- **Compliance** - Conforms to SS528:2006, EN361:2002



Full Body Harness QB-PN-26

- **Attachment Elements** - 2 shoulder attachment D-rings, 1 Chest attachment D-Ring and a dorsal attachment D-Ring for fall arrest
- **Adaptability** - Adjustable shoulder and thigh-straps
- **Convenience** - Shoulder and thigh-straps differentiated by a dual colour scheme
- **Ergonomics** - Ideally positioned sit-strap for extended comfort
- **Compliance** - Conforms to EN361:2002, SS528:2006



Full Body Harness QB-PN-25

- **Attachment Elements** - 1 Chest-sternal attachment D-Ring and a dorsal attachment D-Ring for fall arrest; extension rescue strap with top-D-ring for rescue
- **Adaptability** - Adjustable shoulder and thigh-straps
- **Convenience** - Shoulder and thigh-straps differentiated by a dual colour scheme
- **Ergonomics** - Ideally positioned sit-strap for extended comfort
- **Compliance** - Conforms to EN361:2002 and EN1497:2007





Full Body Vest Harness

QB-PN-20 Vest Harness with QB-PN-26

- Poly cotton reflective vest with reflective tapes for higher visibility
- Velcro on the Dorsal D-Ring window vest prevent D-Ring from slipping into the vest
- Equipped with double durable zipper for adjustable width to suit all sizes
- Multiple pockets for convenient and safe storage of items
- Inner pocket for storage of leg straps when not in use
- Harness consists of 2 shoulder D-ring, 1 chest and 1 dorsal D-ring for fall arrest
- Harness equipped with chest, shoulder & thigh adjustable straps
- Compliance - Harness Conforms to EN 361:2002, SS528:2006



Full Body Harness

QB-PN-41-(01)

- **Attachment Elements** - 1 dorsal attachment D-Ring for fall arrest & 2 lateral D-Rings for work positioning
- **Adaptability** - Adjustable shoulder, thigh-straps and waist belt; sliding plates for easy adjustment of chest-strap
- **Convenience** - Shoulder and thigh-straps differentiated by a dual colour scheme. Tool holder loops and rings at the back
- **Ergonomics** - Ideally positioned sit-strap for extended comfort
- Compliance - EN361:2002 and EN358:1999



Full Body Harness

QB-PN-56

- **Attachment Elements** - 1 dorsal and 1 sternal D-Ring for fall arrest. 1 Ventral D-Ring at waist level for rope access work and 2 lateral D-Rings for work positioning 3 tubular gear racks for climbing gears
- **Adaptability** - Adjustable shoulder, thigh-straps and waist belt
- **Convenience** - An ideal combination of fall arrest, work positioning, rescue and rope access applications. Light weight with all alloy metal components
- **Ergonomics** - Soft padding on shoulder, waist and leg straps for extended comfort
- **Compliance** - Conforms to EN361:2002, EN358:2000 and EN813:2008



Full Body Harness

QB-PN-MAGNA-3

- **Attachment Elements** - 1 dorsal & 1 sternal D-Ring for fall arrest, 1 ventral D-Ring at waist level in front for rope access & 2 lateral D-Rings at waist level on the sides for work positioning
- Equipped with light weight aluminium D-Rings
- **Adaptability** - Adjustable shoulder, thigh-straps and waist belt
- **Convenience** - Shoulder straps and thigh-straps are provided with automatic buckles & waist strap has combination buckles for easy adjustment. 2 Tool holder loops & an extra bigger handle at the back for keeping extra karabiners and accessories. Lanyard keepers on shoulder straps have been provided for easy placement of free lanyards
- **Ergonomics** - Ideally positioned elasticated straps for extended comfort. Specially cushioned mesh net has been used for better shock absorption & comfort of the user
- **Compliance** - Conforms to EN361:2002, EN358:2000 and EN813:2008



FALL PROTECTION



A full-body harness is the only acceptable form of body wear for fall arrest applications to ensure that the fall-impact forces are equally distributed on to the stronger and fleshy parts of the body. Safeware Full Body Harnesses are designed to distribute fall arrest forces across the shoulders, thighs, and pelvis.

Full body Harness with Dorsal D-ring [SW-PN-311](#)

- Attachment Elements - A dorsal attachment D-Ring for fall arrest
- Adaptability - 3 pieces of steel adjustable buckles on chest straps & thigh straps; Sliding plates on chest strap for easy adjustment
- Convenience - Shoulder and thigh straps differentiated by a dual colour scheme
- Ergonomics - Ideally positioned sit-strap for extended comfort
- Compliance - EN361:2002, SS528:2006



Full body Harness with Chest & Dorsal D-ring [SW-PN-317](#)

- Attachment Elements - A sternal D-Ring for fall arrest and a dorsal attachment D-Ring for fall arrest
- Adaptability - 5 pieces of steel adjustable buckles on shoulder straps, chest straps & thigh straps; Sliding plates for easy adjustment of chest strap
- Convenience - Shoulder and thigh straps differentiated by a dual colour scheme
- Ergonomics - Ideally positioned sit-strap for extended comfort
- Compliance - EN361:2002, SS528:2006



Full body Harness with Dorsal & shoulder D-ring [SW-PN-318](#)

- Attachment Elements - Shoulder D-Ring for entry or egress and a dorsal attachment D-Ring for fall arrest.
- Adaptability - 5 pieces of steel adjustable buckles on shoulder straps, chest straps & thigh straps; Sliding plates for easy adjustment of chest strap
- Convenience - Shoulder and thigh straps differentiated by a dual colour scheme
- Ergonomics - Ideally positioned sit-strap for extended comfort.
- Compliance - EN361:2002, SS528:2006





Energy Absorbing Twisted Rope Lanyards



Connecting Lanyards are a crucial component of a complete Fall Arrest System. It is literally defined as a flexible line securing a full body harness to an anchorage point. Safeware Kernmantle connecting Rope lanyard provide the critical link that joins the full-body harness to the anchorage point by means of a Scaffold Hook and twisted lock Karabiner.

Energy Absorber Rope Lanyard SW-PN-507-1.8M

- Connecting Elements: A twist lock steel Karabiner and a scaffolding steel hook
- Lanyard Type: Energy Absorbing with single Kernmantle Rope constructed with its interior core protected by a woven exterior sheath designed to optimize strength, durability, and flexibility
- Rope End: Sewn with thimbles and splines are protected by a sleeve
- Compliance - Conforms to CE EN355, CE EN362, CE EN354, SS528:2006



Energy Absorber Twin Rope Lanyard SW-PN-509-1.8M

- Connecting Elements: A twist lock steel Karabiner and 2 scaffolding steel hook
- Lanyard Type: Energy Absorbing with twin Kernmantle Rope constructed with its interior core protected by a woven exterior sheath designed to optimize strength, durability, and flexibility.
- Rope End: Sewn with thimbles and splines are protected by a sleeve
- Compliance - Conforms to CE EN355, CE EN362, CE EN354, SS528:2006



Restraint Rope Lanyard SW-PN-L602-1.8M

- Connecting Elements: A twist lock steel Karabiner and 2 scaffolding steel hook
- Lanyard Type: Kernmantle Rope constructed with its interior core protected by a woven exterior sheath designed to optimize strength, durability, and flexibility
- Rope End: Sewn with thimbles and splines are protected by a sleeve
- Compliance - Conforms to CE EN355, CE EN362, CE EN354, SS528:2006



FALL PROTECTION

Energy Absorbing Twisted Rope Lanyards

All are made up of 12mm dia., 3 strands polyamide rope incorporated with energy absorber (PN-300). The splices are protected with a sleeve, the length of lanyard is always measured from one load bearing point to other load bearing point in an unloaded but taut condition.

Single Lanyards with Energy Absorber QB-PN-309

- One side hook PN-131
- Other side hook PN-113
- Length: 1.5 meter
- Compliance - Conforms to EN355:2002, SS528:2006



Twin Lanyards with Energy Absorber QB-PN-351

- Made of 12mm dia 3 strands twisted polyamide rope
- Made of PN-113 with energy absorber PN-300 at one end and two steel scaffold hooks PN-131 at other ends
- Length 1.5 meter
- Compliance - Conforms to EN355:2002, SS528:2006



Twin Lanyards with Energy Absorber QB-PN-351-S

- Made of 12mm dia 3 strands twisted polyamide rope
- PN-113 with energy absorber PN-400 at one end and two steel scaffold hooks PN-131 at other ends
- Length: 1.5 meter
- Compliance - Conforms to EN355:2002, SS528:2006



Twin Lanyards with Energy Absorber QB-PN-361

- Made of 44mm wide polyester webbing
- PN-113 with energy absorber PN-300 at one end and two steel scaffold hooks PN-131 at other ends
- Length: 1.5 meter
- Compliance - Conforms to EN355:2002+VG11/PFE 63 (Additional Static Strength Test), SS528:2006



Twin Lanyards with Energy Absorber QB-PN-341-A

- Made of Kernmantle Rope of dia 11mm.
- Length 1.5 m, 1.8 m, 2.0 m.
- PN 112 with Energy Absorber PN 300 at one end and two Aluminum Hook PN 136 at other ends.
- Compliance - Conforms to EN 355:2002 + VG11/PFE 63 (Additional Static Strength Test), SS528:2006





To enable the user to work at heights in a safe supported position with both hands free for working, Quebee offers a wide variety of work positioning belts and lanyards. All work positioning belts have a sliding belt on the comfort pad which makes adjustment easier for user.

Work Positioning Belt QB-PN-01

- Wide comfort pad to provide lumbar support for long working hours
- Fully adjustable
- Width of back pad: 21 cms
- Two lateral D-Rings for work positioning
- Tool holding webbing loops
- Rings for tool holders, bolt bags etc
- Conforms to EN358:2000



All are made up of 44mm wide webbing and is shrink wrapped. In the event of a fall, the webbing inside the packing tears automatically thereby reducing the impact force transmitted to the user to less than 6kN.

Energy Absorber QB-PN-300

- Opens up to an additional length of about 1.1 meter to 1.2 meter
- Reduces the impact of fall to less than 6kN
- Conforms to EN355:2002



Work Positioning Lanyard with Ring Type Adjuster QB-PN-241

- Made up of 14mm dia polyamide 3-strand twisted rope
- Has a manual ring-type adjuster of forged alloy steel
- Maximum length of 2.0 meter
- Easy to connect steel karabiners PN-112 at both the ends for attachment
- Conforms to EN358:2000



Work Positioning Lanyard with Grip Adjuster QB-PN-242

- Made up of 14mm dia polyamide 3-strand twisted rope
- Has a convenient rope-grab adjuster for easy length adjustment
- Maximum length of 2.0 meter
- Easy to connect steel karabiners PN-112 at both the ends for attachment
- Conforms to EN358:2000



All connected rope lanyards are made up of 12mm dia., 3 strand polyamide rope. The rope has olive green tracer strand. The splices are protected with a sleeve. The length of lanyard is always measured from one load bearing point to other load bearing point in an unloaded but taut condition.

Restraint Twisted Rope Lanyards

QB-PN-209

- One side hook PN-131
- Other side hook PN-113
- Length: 1.5 meter
- Conforms to EN354:2010



PN286(A)(2.0M) Restraint Lanyards - White

QB-PN-286(A)

- PN286(A)(2.0M) Restraint System needed at height
- Connecting element or component of a arrest system
- The splices are protected with a sleeve
- With QB-PN-136 alluminium rebar hook



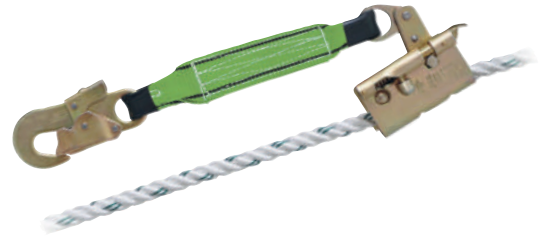
FALL PROTECTION

All innovative engineering solution to arrest falls, which can be conveniently clasped on to an anchorage line so as to accompany the user without requiring manual adjustment during upward or downward movement.

Rope Grab Fall Arrester

QB-PN-2000C

- Works on 14mm & 16mm dia. anchorage line
- Spacing strap and hook PN-121 as an attachment element
- Fail-safe design ensures correct usage
- Arrests fall within very short fall distance
- Detachable-can be easily detached from the anchorage line
- Has a double security locking system
- Conforms to EN353-2:2002



Twister Rope Anchorage Line

(To be used with QB Fall Arrester)

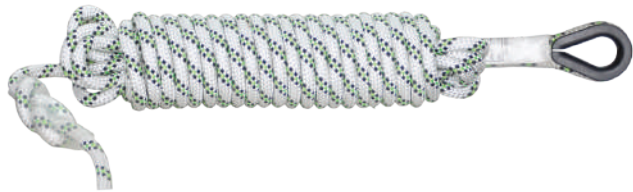
QB-PN-910-10m, 920-20m, 930-30m

- Made of 3 stand polyamide twisted rope of dia 14mm
- One side loop; other side end stop knot
- Length: 10m - PN-910
20m - PN-920
30m - PN-930



Kernmantle Rope Anchorage Line

- Made of Polyamide Kernmantle Rope of dia 11mm
- One side loop; other side end stop knot
(Also Available with both side loops)
- Length - 10m Ref. Anchor PN 910 (KRKD11)
- 20m Ref. Anchor PN 920 (KRKD11)
- 30m Ref. Anchor PN 930 (KRKD11)
- 40m Ref. Anchor PN 940 (KRKD11)
- 50m Ref. Anchor PN 950 (KRKD11)
- Longer lengths are also available on request



Anchorage Line

Quebee Anchorage Slings are made of 44mm wide polyester webbing. This webbing is specially treated to withstand a force of minimum 15kN for 3 minutes, as laid down in EN795:1996. The Anchorage sling can be slipped around any concrete structure, or around pillars or poles, and then used successfully as an anchorage point.

Anchorage Webbing Sling

QB-PN-804

- Made up of 44mm wide polyester webbing
- Length : 1.5meter, or as requested
- Has a D-Ring on both ends
- Strength : Min 18kN for 3 minutes
- Conforms to EN795:2012 Type B



Concrete Anchor Strap

QB-PN-805

- Made up of 44mm wide polyester webbing
- Length : 1.07meter, or as requested
- Has a D-Ring at one end and textile loop at the other end. Also provided with a polyester covering on the load-bearing face of the webbing
- Strength: Min 18kN for 3 minutes





Concrete Anchor Strap

QB-PN-806

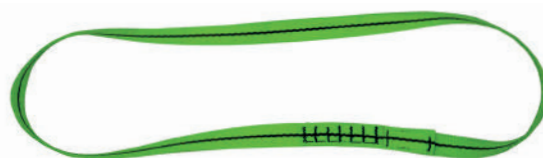
- Made up of 44mm wide polyester webbing stitched with 70mm webbing at the back of extra protection
- Length : 1.0meter, 1.5meter & 2.0meter or as requested
- Has a small D-Ring on one end and bigger D-ring on the other
- Strength: Min 18kN for 3 minutes
- Conforms to EN795:2012 Type B



Anchorage Webbing Sling

QB-PN-807

- Made up of 25mm wide polyester webbing
- Length : 0.6meter, 1.0meter & 1.5meter or as requested
- Strength: Min 18kN for 3 minutes
- Conforms to EN795:2012 Type B



Anchorage Webbing Sling

QB-PN-808

- Made up of 44mm wide polyester webbing
- Length : 20cm to 60cm or as requested
- Strength: Min 18kN for 3 minutes
- Conforms to EN795:2012 Type B



Anchorage S.S. Wire Rope Sling

QB-PN-814

- Made up of 8.0mm S.S. wire rope
- Length : 1.0meter, 1.5meter, 1.8meter & 2.0meter or as per requested
- Has steel thimbles at both the ends to enable connection with all hardware
- Minimum breaking strength: 5000lbs / 23kN
- Conforms to EN795:2012 Type B



Full Body Harness Accessories

Suspension Trauma Strap QB-PN-ST5-01 (N)

Features:

- Extremely effective; specially designed to help relieve the negative effects of Suspension Trauma
- Compact and lightweight. Does not hamper with the activity of worker while at work
- Allows the suspended worker to stand up in his harness to relieve pressure
- Easy to attach to the harness with the help of the textile loop and velcro provided
- Easy deployment; operation is fool-proof



Steps to use:



Un-Zip the pouches fitted on both sides of harness



Hold the 2 straps together



Connect the straps with each other making a loop with the help of easy-to-use buckle



Put your feet into the loop



Stand onto the loop, so that the thigh straps are free to move



Adjust the sit strap towards the front to release pressure and give a seat posture

FALL PROTECTION

Steel Quarter Turn Locking Karabiner

QB-PN-111

- Material: Alloy steel
- Gate opening: 16mm
- Minimum breaking strength: 25kN
- Finish available: Golden yellow galvanized
- Net Weight: 160.5gm
- Conforms to: EN362:2004 Class B



Steel Quarter Turn Locking Karabiner

QB-PN-113

- Material: Alloy steel
- Gate opening: 22.5mm
- Minimum breaking strength: 40kN
- Finish available: Golden yellow galvanized
- Net weight: 236gm
- Conforms to: EN362:2004 Class B



Steel Triple - Action Locking Karabiner

QB-PN-114

- Material: Alloy steel
- Gate opening: 22mm
- Minimum breaking strength: 40kN
- Finish available: Golden yellow galvanized
- Net Weight: 233.4gm
- Conforms to: EN 362:2004 Class B



Steel Triple - Action Locking Karabiner

QB-PN-114C

- Material: Alloy steel
- Gate opening: 22mm
- Minimum breaking strength: 40kN
- Finish available: Golden yellow galvanized
- Net Weight: 233.4gm
- Conforms to: EN 362:2004 Class B
- *Available with captive pin



Aluminium Quarter Turn Locking Karabiner (Forged)

QB-PN-117F

- Material: Aluminium alloy
- Gate opening: 21mm
- Minimum breaking strength: 23kN
- Finish available: Coloured, anodized
- Net Weight: 84gm
- Conforms to: EN362:2004 Class B



Aluminium Triple - Action Locking Karabiner

QB-PN-118F

- Material: Alluminium alloy
- Gate opening: 21mm
- Minimum breaking strength: 23kN
- Finish available: Coloured, anodized
- Net Weight: 79 gm
- Conforms to: EN 362:2004 Class B
- *Also available with captive pin on request





Parapet Anchor with Extended Movable Arm

QB-PN-SA-11B

- Material: High strength steel galvanized to provide corrosion protection
- Minimum breaking (System) strength : 5000lbs/ 23kN
- Flange width adjustable from 60 mm to 360 mm
- Net Weight: 9560gms \pm 100gms
- Conforms to EN795:2012 Type B & ANSI Z359.1:2007



Beam Anchor

QB-PN-SA-08

- Material: Aluminium Alloy & Brass
- Minimum breaking (System) strength : 5000lbs / 23kN
- Flange width adjustable from 90 mm to 340 mm
- Net Weight: 1872gms \pm 10gms
- Conforms to EN795:2012 Type B & ANSI Z359.1:2007



Beam Anchor Trolley

QB-PN-SA-15



- Material: Aluminum & Stainless Steel
- Minimum breaking (System) strength : 5000lbs / 23kN
- Flange width adjustable from 80mm to 250mm
- Length of webbing: 174mm
- Net Weight: 4200gms \pm 10gms
- Conforms to: EN795:2012 Type B & ANSI Z359.1:2007

Beam Anchor (Mini)

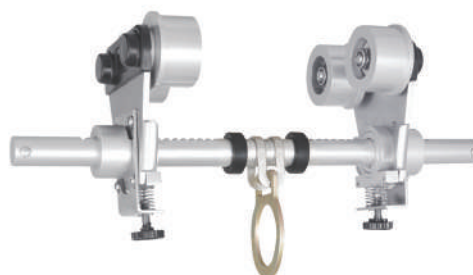
QB-PN-SA-08M



- Material: Aluminium Alloy & Brass
- Minimum breaking (System) strength: 5000lbs / 23kN
- Flange width adjustable from 75mm to 150mm
- Net Weight: 1560gms \pm 10gm
- Conforms to: EN795:2012 Type B & ANSI Z359.1:2007

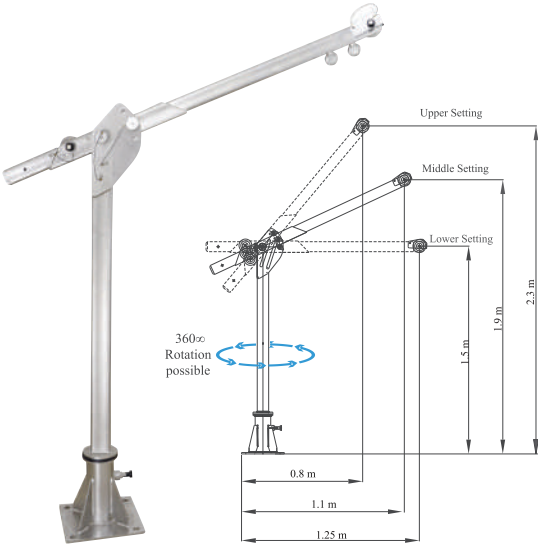
Beam Anchor Trolley QB-PN-SA-15A

- Material: Aluminum & Stainless Steel
- The flanges are adjustable, and can be adjusted to widths from 80mm to 250mm
- Anchorage is provided by a Steel D-ring attached to the trolley-bar
- Minimum breaking (System) strength: 5000lbs / 23kN
- Net Weight: 3900gms \pm 10gms
- Conforms to: EN795:2012 & Type B & ANSI Z359.1:2007



FALL PROTECTION

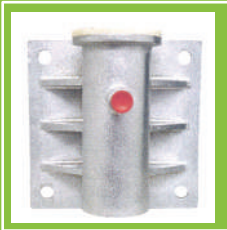
- New K-Pod which provides a safe and sure system for easy access to confined spaces. The K-pod is an ideal choice to provide overhead anchorage which can be mounted on different bases and it conforms to EN795: 2012 Type A
- The K-Pod is made of highly corrosion resistant stainless steel, and can swivel a complete 360 degrees on its mounted base, hence providing a versatile reach and access
- The unique feature is that the height of the Cantilever arm of the K-Pod is adjustable at 3 defined points, with upper height adjustment at 2.3m, middle arm adjustment of 1.9m, and lowered arm adjustment at 1.5m. This enables the use of the K-Pod even in those areas where the roof height is small
- The K-Pod can be easily mounted on the floor as well as on the wall through special floor the wall mounting brackets which are made available as per need. The K-Pod can also be mounted on the floor of heavy vehicles, hence making it extremely versatile in use
- Winch PN-801 can also be easily mounted on to the K-Pod with the help of stainless steel fasteners



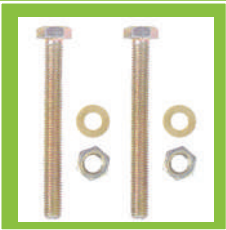
Accessories of K-Pod:



Floor Mounting Bracket
QB-PN-900 (01)



Wall Mounting Bracket
QB-PN-900 (02)

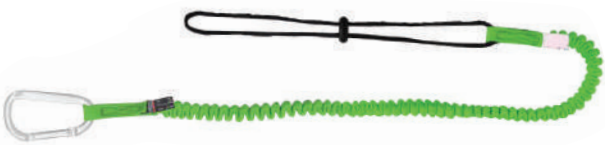


Stainless Steel Fasteners
for Winch Mounting
QB-PN-900 (03)

Setting	Distance from bar	Height of arm
Upper	0.8m	2.3m
Middle	1.1m	1.9m
Lower	1.25m	1.5m

Tools Lanyard with Mini Karabiner TL-01

- Made of 20mm wide tubular webbing
- Convenient stretch-lanyard for tool holding
- Provided with a light-weight karabiner for attachment to the user's belt
- Can hold tools up to 10kg
- Relaxed length : 85cm
- Expanded length : 135cm



Rope Access Rescue Accessories

Pilot Chair QB-PN-IMP005

Spreader Bar QB-PN-IMP005-01

- Ergonomic and comfortable working chair
- PN111 Steel quarter turn-locking karabiner (sold separately)
- For vertical ascent and descent
- Tested as per EN1498
- Spreader bar sold separately and available as optional accessory



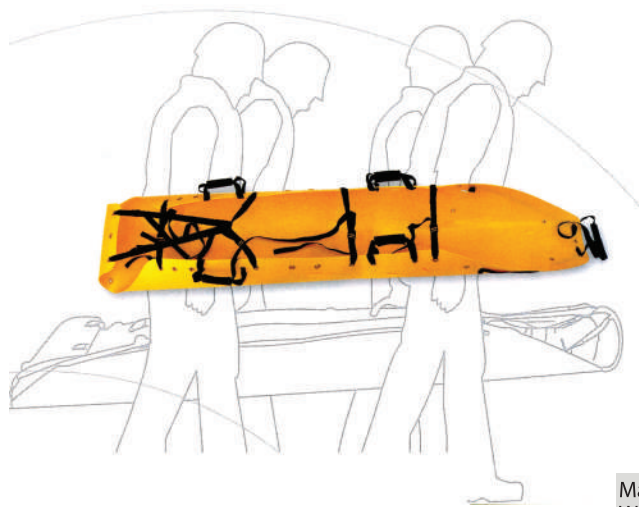
Evacuation Triangle QB-PN-852

- To be used for rescue of injured personnel
- Contains 3 metallic D-Rings at attachment elements



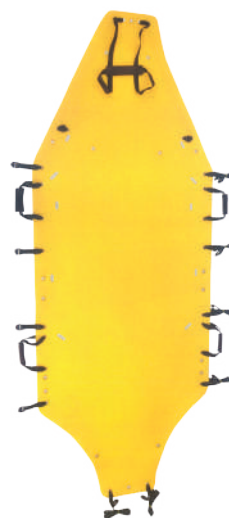


Rope Access Rescue



QB Respac Recovery Stretcher QB-PN-403

- Inert to all conditions, body fluids & blood
- Allows safe carrying of the wounded
- Easy to use and store
- Combination of optimum support and function
- Extremely flexible rescue system
- Highly durable
- Can be used both vertically as well as horizontally



Maximum load: 200kg
Weight of device: 5.5Kg
Total weight with bag and belts: 8Kg

Loading surface
Length: 8ft
Width: 3ft
Material: High Strength Polymer
Hooks (Material): Alloy Steel

Rope
Length: 9m
Diameter: Dia 10mm

Lifting Belts
Length: Feet zone 6.7ft./
Head zone 6.4ft.
Width: Feet zone 5mm /
Head zone 5mm
Maximum load belts: 3000kg
Maximum load stitching: 2000kg

Handles
Material: Polyester
Number of handles on every longitudinal side: 2

Micron Block with QB-PN170 & QB-PN136 Hook The lightest SRL in its range

Micron Block with QB-PN169 & QB-PN136 Hook QB-PN-MIC02

- Robust and durable
- Comes in 21mm width webbing
- Maximum length: 2m
- Comes with steel swivel hook PN-136
- Minimum breaking strength: >15kN
- Has inbuilt textile energy absorber
- Conforms to: EN360:2002



Mini Block (Swivel) QB-PN-2002-SW131

- Having a swivel scaffold steel hook PN 131 at anchorage end with fall indicator
- Having a retractable webbing of width 47mm
- Maximum length: 2.5m
- Incorporated with an energy absorber for shock absorption
- Supplied with steel karabiner PN113 at the attachment end
- Minimum breaking strength >15kN
- Weight - 1.66 kgs
- Conforms to: EN360:2002



FALL PROTECTION

Retractable Block Polymer Casing with G.I. Wire Rope QB-PN-PCGS-3.5

- Casing made up of high impact strength polymer to prevent breakage and is nearly indestructible
- Is provided with PN-162 connector with load indicator attachment end
- PN-113 at anchorage and a swivel hook PN-162 at attachment end
- Swivel hook PN-123 load indicator
- Comes with galvanized steel wire rope of dia 4.5mm
- Minimum breaking strength: >12kN
- Conforms to: EN360:2002



Retractable Block Polymer Casing with G.I. Wire Rope QB-PN-PCGS-5

- Casing made up of high impact strength polymer to prevent breakage and is nearly indestructible
- Comes with galvanized steel wire rope of dia 4.5mm
- Is provided with PN-162 connector with load indicator attachment end
- Anchorage eye with swivel action
- Prevents undue twist of rope while working or in the event of fall
- Minimum breaking strength: >12kN
- Conforms to: EN360:2002



Retractable Block Polymer Casing with G.I. Wire Rope QB-PN-PCGS-10

- Casing made up of high impact strength polymer, to prevent breakage and is nearly indestructible
- Comes with galvanized steel wire rope of dia 4.5mm
- Anchorage eye with swivel action
- Prevents undue twist of rope while working or in the event of a fall
- Minimum breaking strength >12kN
- Conforms to EN360:2002





Retractable Block Polymer Casing with G.I. Wire Rope

QB-PN-PCGS-15

- Casing made up of high impact strength polymer, to prevent and is nearly indestructible
- Comes with galvanized steel wire rope of dia 4.5mm
- Is provided with PN-162 connector with load indicator attachment end
- Anchorage eye with swivel action
- Prevents undue twist of rope while working or in the event of a fall
- Minimum breaking strength >12kN
- Conforms to: EN360:2002



Retractable Block Polymer Casing with G.I. Wire Rope

QB-PN-PCGS-20

- Casing made up of high impact strength polymer, to prevent breakage and is nearly indestructible
- Comes with galvanized steel wire rope of dia 4.5mm
- Is provided with PN-162 connector with load indicator attachment end
- Anchorage eye with swivel action
- Prevents undue twist of rope while working or in the event of a fall
- Minimum breaking strength >12kN
- Conforms to: EN360:2002



Retractable Block Polymer Casing with G.I. Wire Rope

QB-PN-PCGS-25

- Casing made up of high impact strength polymer, to prevent breakage and is nearly indestructible
- Comes with galvanized steel wire rope of dia 4.5mm
- Is provided with PN-162 connector with load indicator attachment end
- Anchorage eye with swivel action
- Prevents undue twist of rope while working or in the event of a fall
- Minimum breaking strength >12kN
- Conforms to: EN360:2002



FALL PROTECTION



Retractable Block with Retrieval System

QB-PN-PCGS10R

Model	Length of Wire Rope	Weight (Kg)
PCGS10R	10 mtr	5.45 kgs



Retractable Block with Retrieval System

QB-PN-PCGS20R

Model	Length of Wire Rope	Weight (Kg)
PCGS20R	20 mtr	9.2 kgs

Retractable Block with Retrieval System-10mtr (PCGS 10R) & 20mtr (PCGS 20R)

- Comes in a new stylish, slim polymer casing and a side handle with a special grip for easy carrying
The locking pin on the side of the casing at the base of the handle allows this dual system to work in independent Fall Arrest & Winch modes
- Can easily mounted on the leg of Quebee Tripod PN800 using specialized brackets
- Minimum breaking strength> 12kN
- Also available with SS Wire Rope instead of GI Wire Rope
- Conforms to: EN 360:2002 & EN 1496:2006 Class B

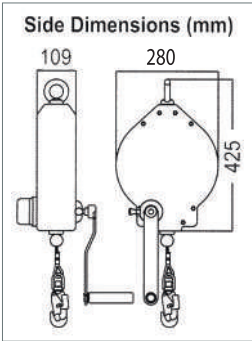
To enable easy retrieval of a victim of fall. The block allows the fall to arrest and also allows easy hoist of the victim with the help of its Hoist handle.

Retrieval Fall Arrester Block - In Polymer casing which is coupled with Hoisting Winch

Retractable Block with Retrieval System PN-PCGS30R

- The locking pin on the side of the casing at the base of the handle allows this dual system to work in independent fall arrest & winch modes
- Can be easily mounted on the leg of tripod PN-800A using specialized brackets Ref. PN-800A (09)
- Minimum breaking strength: >12kN
- Conforms to: EN360:2002 & EN1496:2006 Class B

Model	Length of Wire Rope	Weight (Kg)
PCGS30R	30 mtr	14.5
PCGS25R	25 mtr	14.1



It is easy to shift to Winch mode from Block mode (& vice versa) following the given steps:

Pull Out

Push In

Block Mode

Pull the pin & handle
To shift to winch mode

Winch mode

Pull the pin & push the handle
to reverse in block mode



Horizontal 4 Man Temporary Horizontal Rope Anchorage Line (Cross Over)

Offers a horizontal 4 Man Temporary Lifeline extremely easy to carry and install. It provides a suitable and safe anchorage horizontally along the entire length.

QB-PN-3001



QB-PN-3001 (C)



- Quick & easy to install, and is re-usable.
- Suitable for up to 4 personnel.
- Highly corrosion resistant Tensioner made of Aluminium & Stainless Steel.
- Consists of tension indicator for creating an adequate tension in the Line.
- The Lifeline made up of 16mm diameter Kernmantle Rope, has a swivel brass connector at one end, which can be connected to a rated anchor point with the help of a Steel Quarter Turn Locking Karabiner PN 113. The other end of the lifeline is connected with the help of a Karabiner PN 113, connected to the eye of the tensioner. The anchorage line is secured at the termination with the help of a stop-knot covered with a protective sleeve.
- Has Swivel Brass Connector – Specially designed to prevent any twisting of the rope.
- The PN-3001 system has 4 Steel O-Rings to enable the user to easily attach the Lanyard of his Harness to the Lifeline using a Karabiner.
- The PN-3001(C) system has 4 Cross Over Steel Anchors (SA 29) made of Stainless Steel to allow easy crossing over between users, and prevent any disengagement from the lifeline, ensuring 100% tie off at all times.
- Total Length of the Line is 25m. Covers a span of 5m to 25m.
- Minimum Breaking Strength: 25kN
- The whole system is supplied in a bag, which is permanently attached to the assembly and also enables the user to easily carry the system with the help of comfortable handles provided in the bag. This Bag is designed in such a way that it keeps the unused rope safely, thereby preventing the rope being subjected to abrasion or any damage caused from dust, dirt grime, oil etc. Once fitted, you can easily put back the extra rope not deployed along the length, into the Bag.
- Conforms to EN 795:2012 Type C & TS 16415 2013 Type C.

Temporary Horizontal Anchorage Line System

Horizontal Anchorage Lifeline QB-PN-3000

- The Horizon PN-3000 is a horizontal anchorage life line made up of 30mm polyester webbing equipped with the Quebee ratchet tensioner that allows easy tensioning of the lifeline between two structures. Both the ends are provided with auto locking steel karabiners (Our Ref PN-113)
- The whole system is supplied in a bag, which is permanently attached to the assembly and also enables the user to easily carry the system with the help of comfortable shoulder hanging straps provided in the bag
- Once fitted, you can easily put back the extra webbing not deployed along the length, into the bag
- Available length of total 20meter, thus the user can use it for a length ranging from 5meter to 20meter
- Tested & Certified for use by two users simultaneously
- Conforms to: EN795:1996 Class B

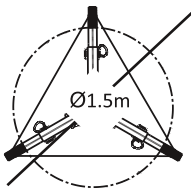
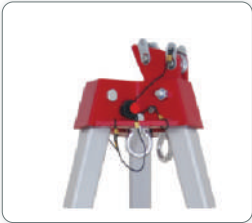


FALL PROTECTION



Tripod QB-PN-800

- For access in confined spaces
- With two mounted pulleys at the head of the Tripod in the prolongation of the main leg for passing a cable
- Having two auxiliary eye bolts as attachment points
- Aluminum alloy cast head, legs in aluminum
- Steel support-shoes provided with rubber sole to increase friction and impart more stability
- Strength of anchorage point greater than 12kN
- Every Tripod is provided with inbuilt fixture for attaching our winch PN-801 (can be supplied without this fixture on special request)
- Every Tripod is provided with Tripod Bag Ref. No. PN-904 (7ft)

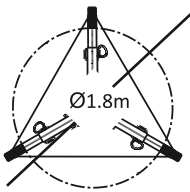


QB-PN-800 (7ft.)



QB-PN-904 (7ft)

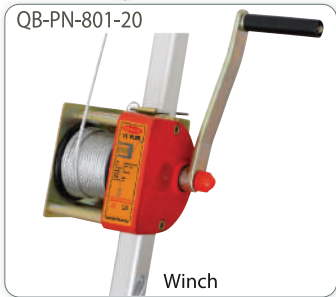
Length	Specification	Compliance
7 ft	<ul style="list-style-type: none">• Fully adjustable telescopic legs, adjustable height from 1.15m to 2.15m• Wheelbase (Footprint): 1.5m Diameter• Weight: 13kg• Maximum load capacity: 500kg	EN795 Class B
10 ft	<ul style="list-style-type: none">• Fully adjustable telescopic legs, adjustable height from 1.9m to 2.9m• Wheelbase (Footprint): 1.8m Diameter• Weight: 15kg• Maximum load capacity: 500kg	



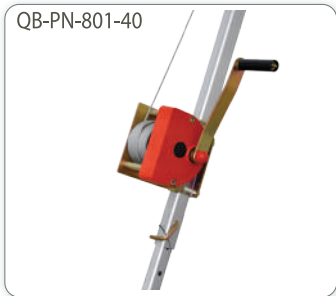
QB-PN-800 (10ft.)

Winch QB-PN-801

- To be used for raising or lowering of personnel or material into confined spaces
- Equipped with bolting fixture for robust fitting on to the tripod PN-800
- Lifting load capacity: 135 kgs
- Length: 20.0m
- To be used with a retractable fall arrester when deployed for raising or lowering a person
- Can also be fitted to Quebee K-pod PN-900
- Also available with the SS Wire Rope instead of GI. Respective references with SS Wire Rope shall be PN 801(20)SS & PN-801 (25)SS
- Conforms to EN1496:2006 (Class A)



Winch



Winch QB-PN-801-40

- To be used for raising or lowering of personnel or material into confined spaces
- Equipped with bolting fixture for robust fitting on to the winches PN 801(40)
- Maximum lifting load capacity as per EN 1496 : 135 kgs
- Maximum lifting load capacity as per machinery directive 2006/42/EC : 250 kgs
- Consists of Screw Locking Karabiner (PN 112) as a Connector
- Conforms to EN 1496:2006 (Class A)
- To be used with a Retractable Fall Arrester when deployed for raising or lowering a person
- Can also be fitted to Quebee K-Pod PN 900
- Also available with the SS Wire Rope instead of GI. Respective references with SS Wire Rope shall be PN 801(40)SS

Ref. No	Length
QB-PN-801-20	20 mtr
QB-PN-801-40	40 mtr



PROTECTIVE FOOTWEAR



Selection of Protective footwear

Protective footwear is developed for a specific end user, whether that person is a electrician or general industry worker. Choosing the proper safety footwear can be as easy as breaking down what is most important to keep safe and comfortable on the job.

The key features of a safety shoe are:

- Steel toe cap capable of withstanding the impact of a wedge-shaped steel 20 kg weight falling vertically from a height of one meter
- Steel plates molded within the soles to prevent penetration from nails and other sharp objects

Other Features relate to the shoe sole are - slip resistance (forward movement), grip (backward movement), anti-static property, resistance to temperature, resistance to oil and resistance to chemicals such as acids and alkalis

In terms of hygiene features, upper materials must pass a certain level of water resistance, breathability of materials and lining materials that absorb perspiration and reduce odor. In order to provide comfort, safety footwear should have wide design on the toe area with foot and arch support, flexibility, underfoot cushioning (Insole) and heel impact absorption

Safety footwear must be durability and can be achieved by using relevant materials for different footwear

- Leather safety shoes/boots upper are mainly made of cow or buffalo hide and sole from nitrile rubber, latex, PU or TPU
- Gum boots/wellington boots are made from PU, rubber, nitrile PVC, virgin PVC or recycle PVC
- Outer soles are usually injected directly on to the upper so that a near perfect bonding is achieved, minimizing the chance of the sole separation and fluid or particle ingress

PROTECTIVE FOOTWEAR

Quebee new innovation range of industrial PVC Boots is the most comfortable and durable that you can find in the market. Our PVC footwear surpasses expectations for chemical resistant, slip resistant, safety protection and most importantly comfort. Quebee research in industry specific safety demands, and our expertise in chemical research, ensures that each and every product we offer is designed to meet a specific set of safety requirements and standards.

- ✓ Sole pattern effectively channels out debris
- ✓ Kick off lug for easy removal
- ✓ Roomy toe and metatarsal area for extra comfort
- ✓ Cut off bands reduce chafing when boot is cut down



QB-102-21-B/Y

- Virgin PVC material
- With steel toe cap and steel midsole
- Sole pattern effectively channels out debris
- Kick off lug for easy removal
- Roomy toe and metatarsal area for extra comfort
- Wider sloping malleolar zone provide easy donning & squatting
- Cut off bands reduce chafing when boot is cut down
- High: 360 to 375mm
- Meets CE EN20345:2004



QB-102-21-Y/B

- Sole pattern effectively channels out debris
- Kick off lug for easy removal
- Roomy toe and metatarsal area for extra comfort
- Wider sloping malleolar zone provide easy donning and squatting
- Cut off bands reduce chafing when boot is cut down
- Meets CE EN ISO20345:2004



QB-102-23-B/B



Wayne Manufacturing is a specialist converter of rubber and plastic raw materials into moulded and extruded products used extensively in the agricultural, automation, construction, footwear and mining industries. The range consists of both Standard and Safety Heavy Duty Boots and lightweight boots for men and women. Safety gumboots are made to the quality standards of Europe (EN), Canada, Australia and South Africa. All Wayne boots are design to provide foot protection in cold, damp or wet conditions and offer protection from a wide range of chemicals.

Wayne Inyati Heavy-Duty PVC / Nitrile Safety Gumboots [WY-1278N](#)

- Suitable for petroleum, mining, construction, chemical and heavy industry
- Oil, fats and chemical resistant properties
- With Steel toe cap
- Color: Yellow upper, Black sole
- Size: 5 to 12
- Height: 39cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Inyati Heavy-Duty PVC/ Nitrile Safety Gumboots [WY-1378N](#)

- Suitable for petroleum, mining, construction, chemical and heavy industry
- Oil, fats & chemical resistant properties with steel toe cap
- Color: Yellow upper, Black sole
- Size: 5 to 12 (No half size)
- Height: 38cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Inyati Heavy-Duty PVC / Nitrile Safety Gumboots [WY-1310N](#)

- Suitable for petroleum, mining, construction, chemical and heavy industry
- Oil, fats & Chemical resistant properties
- With Steel toe cap
- Color: Black upper, Yellow sole
- Size: 5 to 12 (No half size)
- Height: 39cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Inyati Heavy-Duty PVC/ Nitrile Safety GumBoots [WY-1370N](#)

- Suitable for petroleum, mining, construction, chemical and heavy industry
- Oil, fats & chemical resistant properties
- Color: Black upper, Yellow sole with steel toe cap
- Size: 5 to 12 (No half size)
- Height: 38cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Inyati Heavy-Duty PVC / Nitrile Safety Gumboots [WY-1277N](#)

- Suitable for food, chemical and petroleum industry
- Oil, fats & chemical resistant properties
- With steel toe cap
- Color: White upper, White sole
- Size: 5 to 12 (No half size)
- Height: 39cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Inyati Heavy-Duty PVC/ Nitrile Safety Gumboots [WY-1377N](#)

- Suitable for food, petroleum industries and area where greases, fats, oils & acids are present
- With steel toe cap
- Color: White upper, White sole
- Size: 5 to 12 (No half size)
- Height: 38cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



PROTECTIVE FOOTWEAR

Wayne Inyati Heavy-Duty PVC / Nitrile Safety Gumboots [WY-1286N](#)

- Suitable for mining, construction, petroleum, chemical and heavy industry
- Oil, fats & chemical resistant properties
- With steel toe cap and steel mid sole
- Color: Black upper, Toffee sole
- Size: 5 to 12 (No half size)
- Height: 39cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Inyati Miners PVC / Nitrile Safety Gumboots [WY-1863N](#)

- Suitable for mining, construction, chemical & petroleum industry
- Oil, fats & chemical resistant properties
- Lace-up
- With steel toe cap
- Color: Black upper, Toffee sole
- Size: 6 to 12 (No half size)
- Height: 17cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Inyati Heavy-Duty PVC / Nitrile Safety Gumboots [WY-1386N](#)

- Suitable for petroleum, mining, construction, chemical and heavy industry
- With steel toe cap and steel mid sole
- Color: Black upper, Toffee sole
- Size: 5 to 12 (No half size)
- Height: 38cm
- Compliance: EN ISO 20345, SABS & AS/NZ Specification



Wayne Duralight Economy PVC / Nitrile Gumboots [WY-1020](#)

- Suitable for food industries, petroleum industries and area where greases, fats, oils & acids are present
- Color: White upper, White sole
- Size: 6 to 12 (No half size)
- Height: 37cm



Safety Footwear

Wayne Duralight Economy PVC Gumboots [WY-1090](#)

- Suitable for light industry, agriculture and general construction
- Oil and acid resistant properties
- Color: Green upper, Black sole
- Size: 6 to 12 (No half size)
- Height: 37cm





This traditional styles are designed for the most rigorous working conditions with dual density Polyurethane soles, giving excellent durability and comfort. These footwear are lightweight but yet suitable for Heavy engineering environment.

Vista Laced-up Safety Shoes

QB-K8920-VISTA

- Black buffalo grain tango leather
- Dual density PU sole
- Black eva insole
- Black non woven lining
- Steel toe cap
- Steel midsole
- Compliance: CE EN ISO 20345:2011, SS513:2005



Vesta Slip-on Safety Shoes

QB-S8600-VESTA

- Black buffalo grain tango leather
- Dual density PU sole
- Black eva insole
- Black non woven lining
- Steel toe cap
- Steel midsole
- Compliance: CE EN ISO 20345:2011, SS513:2005



Xenic Lace-up Ankle Boots

QB-K8801

- Black buffalo grain tango leather
- Dual density PU sole
- Black eva insole
- Black non woven inner lining
- Steel toe cap
- Steel midsole
- Compliance: CE EN ISO 20345:2011, SS513:2005



X2 Walkmaster Low-cut Lace-up Safety Shoe

WM-SS-LA3-X2

- Steel toe cap absorbing 200 joules of kinetic energy
- Steel midsole to prevent penetration from nails and other sharp objects
- Slip & abrasion resistance
- Anti-static
- Resistance to temperature
- Oil resistant
- Shock resistant
- Compliance: CE EN ISO20345:2011, SS513:2005





SPILL CONTROL MANAGEMENT



Selection of Absorbents Materials

Absorbents can be used in different applications ranging from simple maintenance to emergency spill cleanup. Absorbents are designed to be used for specific jobs and materials. Some can be used for general maintenance applications while others are designed to handle petroleum or chemical spills and cleanup

3 Main types of absorbents:

- Petroleum Absorbents - For use with petroleum-based products
- Chemical Absorbents - For use with chemical-based products
- Maintenance Absorbents - For use with water-based products

- Petroleum Absorbents are designed to absorb hydrocarbons such as oil, gasoline, diesel fuel and kerosene while repelling water. These products float in water, even when it is fully saturated

- Chemical Absorbents can safely absorb hazardous fluids, including: acids, caustics, solvents, toxic liquids and aggressive chemicals like hydrofluoric acid. They are mistake proof as they can also absorb water and hydrocarbons

- Maintenance Absorbents will absorb oil, water, glycols and other non-aggressive fluids. It is perfect for your maintenance repair operations or place under machine to absorb coolant and oil leak

Absorbents range comes in different formats:

- Folded version
- Pads version
- Rolls version
- Mini-booms version
- Pillows version
- Particulates version

SPILL CONTROL MANAGEMENT



QB Emergency Spill Control Kit QB-KIT-CHEM-2

Contents:

- 2 rolls folded chemical sorbent
- 25 pcs chemical sorbent pads
- 1 pc disposable coverall
- 1 pc of safety chemical goggle
- 1 set of half mask respiratory w/ cartridges
- 1 pair of chemical gloves
- 3 pcs of disposable bags and cable ties
- 1 pair of booties
- 1 yellow mobile cart w/Quebee logo
- 1 copy of hazardous spill clean-up manual



QB Spill Response PPE Kit QB-KIT-CHEM-3

Contents:

- 1 roll folded chemical sorbent
- 1 pc of disposable coverall
- 1 pc of safety chemical goggle
- 1 set of half mask respiratory w/cartridges
- 1 pair of chemical gloves
- 1 pair of chemical resistant PVC boots
- 1 disposable bag and cable ties
- 1 plastic container with handle



QB Emergency Spill Control Kit QB-KIT-CHEM-4

Contents:

- 2 rolls of Quebee chemical folded sorbent
- 25 pcs Quebee chemical sorbent pads
- 1 pc Quebee MicroPz disposable coverall
- 1 pc of safety chemical goggle
- 1 set of half mask respiratory with cartridges
- 1 pair of chemical gloves
- 3 pcs of disposable bags and cable ties
- 1 pair of booties
- 1 yellow mobile cart with Quebee logo
- 1 copy of hazardous spill clean-up manual



QB Buddy Emergency Spill Control Kits QB-KIT-CHEM-6

Contents:

- 1 pc gallon Overpack salvage drum
- 25 pcs Chemical Absorbent Pad
- 6 pcs Chemical Absorbent Boom
- 5 pcs Chemical Sorbent Pillow
- 2 pairs Tyvek Booties
- 2 pcs Disposable Chemical Suit
- 2 pcs Safety Goggle
- 2 pairs Safety Gloves
- 9. Chemical Disposal PE Bags 3 pcs
- 3 pcs Cable Tie
- 1 copy User manual



SPILL CONTROL MANAGEMENT

Quebee Chemical Sorbents

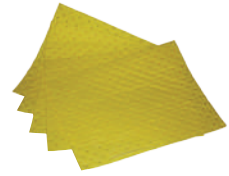
Chemical Absorbent Folded Roll QB-CR-9000-XLH9118

Size : 11cm x 18m x 3mm
Capacity : 119 liters/case
Packing : 3 rolls/case



Chemical Absorbent Pads QB-CD-9000-PSY91401

Size : 40cm x 50m x 4mm
Capacity : 1145 liters/case
Packing : 100 pcs/case



Chemical Absorbent Boom QB-CB-9000-Y781

Size : 7.6cm x 1.2m
Capacity : 78 liters/case
Packing : 12pcs/case



Chemical Extra Perfo- rated Absorbent Rolls QB-CR-9000-XLH4020

Size : 40cm x 18m x 3mm
Capacity : 119 liters/case
Packing : 1roll/case



Quebee Petroleum Sorbents

Petroleum Absorbent Boom QB-PD-9100-W781

Size : 7.6 cm x 2.1 m
Capacity : 78 liters/case
Packing : 12 pcs/case



Chemical Absorbent Pillow QB-CP-9000-Y425

Features:

Size : 25cm x 35cm
Capacity : 72 liters/case
Packing : 20pcs/case



Petroleum Absorbent Pads QB-PD-9100-PS1401

Size : 40cm x 50cm
x 4mm
Capacity : 145 liters/case
Packing : 100pcs/case



Petroleum Absorbent Folded Roll QB-PR-9100-XL118

Size : 11cm x 18m x 3mm
Capacity : 119 liters/case
Packing : 3 rolls/case



Petroleum Absorbent Roll QB-PR-9100-PS2402

Size : 80cm x 30m x 4mm
Capacity : 153 liters/case
Packing : 1roll/case



Quebee Universal Sorbents Universal Absorbent Folded Roll QB-UR-9200-XL9118

Size : 11cm x 18m x 3mm
Capacity : 119 liters/case
Packing : 3rolls/case





3M Chemical Sorbents

Are powerful enough to handle acids (including hydrofluoric acid), bases, coolants and most other hazardous fluids. They are a safer choice because they resist reaction with most hazardous chemical. They will also absorb petroleum based fluids, non-aggressive chemicals and aqueous based solutions, reducing the need to stock several different sorbent types for emergency response.

3M™ offers many different configurations:

- Sorbent-folded
- Sorbent-folded spill kits
- Pads
- Rolls
- Spill response packs
- Pillows
- Booms
- Particulate

Chemical Sorbent Folded Spill Kit, Chemroll, 5gal 3M-C-SKFL5

- Approx. Dimension: 5" x 26'
- Sorbent Capacity: 15 gallons/case
- Packing: 3 rolls/case



Chemical Sorbent Folded Spill Kit, 31gal 3M-C-SKFL31

- Sorbent Capacity: 31 gallon drum spill kit
- Drum Capacity: 20 gallon drum
- Packing: 1 kit



Chemical Sorbent Spill Response Pack 3M-SRP-CHEM

- Sorbent Capacity: 10.5 gallons/case
- Packing: 3 packs/case



Chemical Sorbent Folded High capacity 3M-C-FL550DD

- Approx. Dimension: 5" x 50'
- Sorbent Capacity: 31.5 gallons/case
- Packing: 3 boxes/case



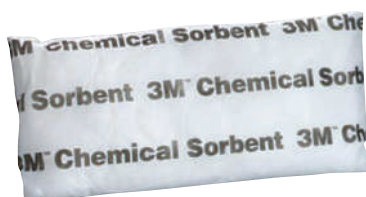
P-110 Chemical Sorbent Pads 3M-P-110

- Approx. Dimension: 11" x 13"
- Sorbent Capacity: 17 gallons/ase
- Packing: 50 pads/dispenser, 4 dispenser/case



Chemical Sorbent Pillows 3M-P-300

- Approx. Dimension: 7" x 15"
- Sorbent Capacity: 8 gallons/case
- Packing: 16 pillows/case



Chemical Sorbent Mini Booms 3M-P-200, P3M-P-208, 3M-P-212

- Approx. Dimension: 3" Diameter x 4' (P-200)
3" Diameter x 8' (P-208)
3" Diameter x 12' (P-212)
- Sorbent Capacity: 12 gallons/case (P-200)
12 gallons/case (P-208)
12 gallons/case (P-212)
- Packing: 12 Mini-booms/case (P-200)
6 Mini-booms/case (P-208)
4 Mini-booms/case (P-212)



Chemical Sorbent Pads High capacity 3M-C-PD914DD

- Approx. Dimension: 9 1/4" x 14 1/2"
- Sorbent Capacity: 23.5 gallons/case
- Packing: 25 pads per dispenser box, 6 boxes/case



SPILL CONTROL MANAGEMENT



3M Petroleum sorbents are used extensively for controlling, cleaning up, and recovering oil and petroleum-based liquids from effluent discharge, streams, ponds, lakes, rivers, and other bodies of water. They are also used for in-plant spills under leaking equipment and machinery, dust-free and contain no abrasive granules that can damaged expensive equipment. That's because they're made from an innovative microfiber material which contains millions of tiny pockets that are able to absorb and hold petroleum-based liquids.

3M™ offers many different configurations:

- Folded
- Mini-booms
- Mini-pillows
- Pads
- Particulate
- Booms

Petroleum Sorbent Spill Kit, 31gal 3M-P-SKFL31

- Sorbent Capacity:
31 gallon drum spill kit
- Drum Capacity: 20 gallon
- Packing: 1 kit



Petroleum Sorbent Folded Spill Kit, Petroll, 5gal 3M-P-SKFL5

- Approx. Dimension: 15"x 26'
- Sorbent Capacity:
15 gallons/case
- Packing: 3 rolls/case



Petroleum Sorbent Folded, High capacity 3M-P-FL550DD

- Approx. Dimension: 5" x 50'
- Sorbent Capacity:
31.5 gallons/case
- Packing: 3 boxes/case



Petroleum Sorbent Spill Response Pack 3M-SRP-PETRO

- Sorbent Capacity:
12 gallons/case
- Packing: 3 packs/case



Petroleum Sorbent Pads 3M-T-151, 3M-T-156, 3M-T-157

- Approx. Dimension:
17" x 19" (T-151)
17" x 19" (T-156)
34" x 38" (T-157)
- Sorbent Capacity:
43.5 gallons/bale (T-151)
40.5 gallons/bale (T-156)
81 gallons/bale (T-157)
- Packing:
200 pads/bale (T-151)
100 pads/bale (T-156)
50 pads/bale (T-157)



Petroleum Sorbent Pads High capacity 3M-HP-156, 3M-HP-157

- Approx. Dimension:
17" x 19" (HP-156)
34" x 38" (HP-157)
- Sorbent Capacity:
37.5 gallons/bale (HP-156)
75 gallons/bale (HP-157)
- Packing:
100 pads/bale (HP-156)
50 pads/bale (HP-157)



Maintenance Sorbents

3M Maintenance sorbents are designed to absorb non-aggressive liquids, making them ideal for plan maintenance. They're lightweight and versatile and take just minutes to put in place. Maintenance sorbents are dust-free and contain no abrasive granules that can damage expensive equipment.

3M™ offers many different configurations:

- Pads
- Folded
- Rolls
- Pillows
- Mini-booms
- Rugs

Maintenance Sorbent Folded, High capacity 3M-M-FL550DD

- Approx. Dimension:
5" x 50'/box
- Sorbent Capacity:
31.5 gallons/case
- Packing: 3 boxes/case





EMERGENCY EQUIPMENT



Adequate water flow

- Shower should deliver a minimum of 75 liters/min from a water pressure of 2.1 Bar (30psi)
- Produce a conical deluge of water with a diameter of 50cm at 150cm from the floor surface, spraying at a height of between 208-244cm
- Eye/face wash must provide a minimum of 11.5 liters/min at a height of 84-114cm
- An auxiliary aerated eyebath diffuser on hose should have not less than 1.5 liters/min flow rate

Ease of operation

- Simple to use and easy to operate when the victim have impaired vision
- Stay-open ball valve operated
- Pull lever, panic bars or walk-on foot control for shower
- Pull handle or treadle foot control lifting a lid or quick action valve total reliability

Instant and positive operation

- Instant and positive operation is imperative for all emergency Shower and Eyebath equipment
- Water supply valves must open quickly and maximum flooding action must be provided in 1 second

Reliability

- Capable of performing their required service even after long periods of idleness
- Top quality valves operated by jam-proof, robust and corrosives-resistance actuating devices are essential for total reliability

EMERGENCY EQUIPMENT



Combination Unit

- Application: Provide Full-body relief from contamination quickly and effectively
- Materials : AES plastic + 304 Stainless Steel
- AES plastic has weather resistance properties and applies to indoors or outdoors
- With good acid-proof, alkali performances, 304SS is ideal for harsh environment
- Pull rod with triangular handle is easy to operate for showers
- The design with equal length of main pipes makes packaging more compact so that helps to save space and cost
- Equipped with flat washer in quick coupling to prevent leakage between joints and fitting
- Flow regulator is built in shower arm tube
- The shower head delivers a large volume flushing fluid spread evenly in precise pattern and controlled flow rate
- Activated by push handle or foot pedal easily
- The coin slot hidden faucet aerator is easy to remove and clean
- Dust cover is removed once unit started
- Comply with ANSI Z358.1-2014 and AS 4775-2007



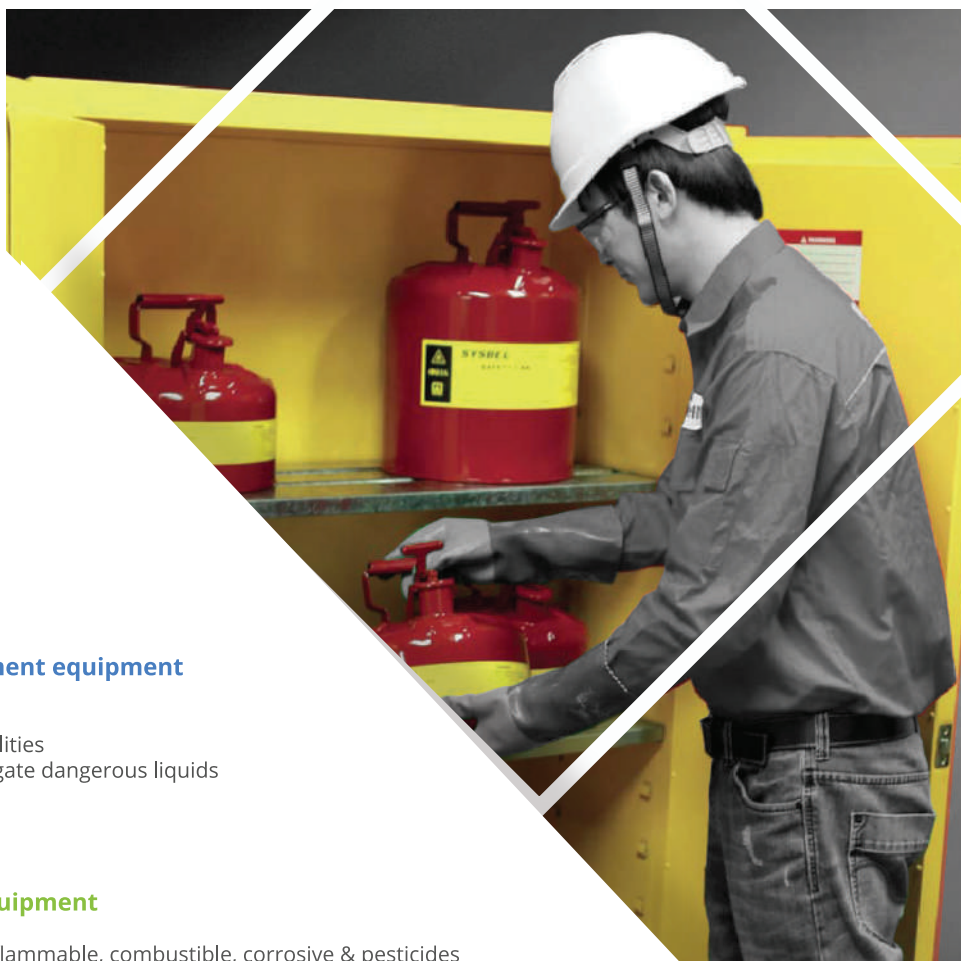
Mounting Bracket

- SYSBEL provides mounting brackets for installing shower station firmly



Combination Unit

Main Material	Flow Rate L/min		Water Bowl		Shower		Valve		Inlet	Outlet	Pressure KPa	Packing size LxWxH (cm)	Certification	Model
	Eye/Face Wash	Shower	DxH/cm	Material	DxH/cm	Material								
304 Stainless Steel	11.4	75.7	32×9.5	304SS	25.5×7.5	304SS	1/2"	1"	1"	1"	210	120×40×26.5	ANSI Z358.1 AS 4775 CSA CE GB/T38144.1 GB/T38144.2	WG7053F
			32×9.5	AES plastic	25.5×7.5	AES plastic								WG7053FY
			32×9.5	304SS	25.5×7.5	304SS								WG7053FG
ABS plastic			30.5×8	ABS plastic	25×7.5	ABS plastic			Rc1-1/4	Rc1-1/4		63×40.5×26		WG7053P



The purpose of containment equipment

- Reduced the risk of fire
- Protected personnel and facilities
- Identify, organize, and segregate dangerous liquids
- Compliance with regulations
- Improved efficiency
- Improved company image

Types of containment equipment

Safety cabinets - storage of flammable, combustible, corrosive & pesticides

Safety containers- Safety contain hazardous liquids and control vapors to reduce the risk of fire, protecting personnel and facilities

Utility products - Make cleaning parts and sub-assemblies with flammables and solvent safer, easier and more efficient

Containment systems - protect against our water contamination. And keep personnel safe from accidental slips due to leaks and spills

CONTAINMENT EQUIPMENT



It has acquired **FM & CE Certification** and is in strict compliance with FM Approval Standard for Storage Cabinets (Flammable and Combustible Liquids) Class Number 6050, OSHA 29 CFR 1910.106 of American Occupational Safety and Health Administration. NFPA CODE30 of American National Fire Protection Association and Hazardous Chemicals Control Ordinance of State Bureau of State Production Supervision and Administration.



Adjustable Shelves
Adjustable among every 6.5cm floor which can make full use of space



SYSTEX™ Three-point linkage lock:
Make lock safer; Flush paddle handle offers easy fingertip operation and reduces dangerous catches from passing traffic



Fireproofing ventilation hole: At both sides of the cabinet, one on the top and other on the bottom



The three-point bullets: Anti-static design structure



FM Approved Anti-Static Device:
Conductor grip combine the equipment with the cabinet to conduct the static to earth, thus to prevent fire accident

Colors for Flammable Liquid and Chemical Safety Cabinet



Yellow for flammable liquid



Red for combustible liquid



Blue for corrosive liquid



White for toxic chemicals



1. The cabinet is made of high-strength steel plate. The surface of the cabinet body is electrostatically sprayed with orange-stripe molding powder, which is easy to clean, scratch-resistant, impact-resistant and durable. Multi-layer fireproof gypsum board insulation is used in the cabinet compartment to achieve the purpose of fire prevention.
2. In normal use the semi-automatic door can be manually opened or closed; if a fire occurs, the temperature reaches 122°F (50°C) the built-in fuse connection system works, and the opening door will be automatically closed to protect the storage of items in the cabinet. The cabinet door has a damping screw to adjust the size of the door force of the switch.
3. The baffle plate of ventilation holes automatically close at 158°F (70°C) in a fire environment. The ventilation system can be connected with an exhaust pipe or a circulating air filter.
4. When fire occurs, the special heat-sensitive materials provided in door joints and all joints will automatically expand and fill the gaps to ensure that the interior of the cabinet is sealed.
5. Each door has a separate cylindrical lock to effectively prevent unauthorized use. The door is affixed with reflective warning labels in multiple languages. In the event of fire or power failure. It is very conspicuous under the flashlight.
6. The detachable bottom leakage groove is equipped with guide plate on the three sides, which is used together with the perforated inserts to effectively catch the liquid overflowing from the shelf. The container is placed on the perforated inserts to avoid being soaked in the bottom leaking groove.
7. It is configured 3 standard adjustable steel laminates, with an adjustable spacing of 32mm for each intervals, the load capacity of the laminate is 75kg. The turn-up height of laminate is 30mm, which prevents the small container from accidentally slipping off.
8. The bottom of the cabinet is provided with adjustable leveling feet, which can balance the cabinet even on uneven surfaces.
9. It is equipped with electrostatic grounding conductive port to facilitate the connection of static grounding conductors.
10. The safety cabinet complies with EN 14470-1 and complies with NFPA 30 and OSHA regulations. Among them, SE830450 passed TÜV independent fire test and obtained TÜV certification.

CONTAINMENT EQUIPMENT

TÜV Certification



SE860230



TÜV
Certification



SE830450



TÜV
Certification



SE890450



TÜV
Certification



TÜV Test Sample

EN.NFPA30.OSHA Certification



SE490190



SE890230



SE490300



WAB005

Safety Storage Cabinets

Fire resistance (min)	Door Type	Color	Certification	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Standard adjustable laminate (block)	Load bearing of laminate (Kg)	Leakage tank capacity at the bottom (L)	Outlet connection diameter (mm)	Store a single largest container (L)	Volume (Gal/L)	Model
30	Double Door/Self-close	Yellow	EN14470-1	204×116×62.5	218×123×74	3	75	37	100	17	45/170	SE830450
60	Single Door/Self-close	Yellow	EN14470-1	204×60×62.5	218×67×74	3	75	18.5	100	9	23/87	SE860230
90	Double Door/Self-close	Yellow	EN14470-1	63×110×59	77×117×70.5	-	-	32	75	7.5	19/72	SE490190
90	Single Door/Self-close	Yellow	EN14470-1	204×60×62.5	218×67×74	3	75	18.5	100	9	23/87	SE890230
90	Double Door/Self-close	Yellow	EN14470-1	204×90×62.5	218×97×74	3	75	30	100	12	30/114	SE490300
90	Double Door/Self-close	Yellow	EN14470-1	204×116×62.5	218×123×74	3	75	37	100	17	45/170	SE890450

Moving Wheel

Name	Loading Capacity	Adjustable Cabinets	Model	Description
Moving wheel	600kg	SE490300、SE830450、SE890450	WAB005	Convenient for the cabinet to move indoors and can pass through normal room doors

*Selection tips: The colors of this series of products are yellow, blue, white, etc. Only the colors of the cabinet doors are different. The yellow series SKU is shown in the pictures above. For the blue series, please add "-B" after the SKU in the table above. White series Please add "-W" after the SKU in the table above.



Flammable liquid and chemical safety cabinets Choose colors and types for your needs

Flammable Cabinets

Yellow Safety Cabinet for storing flammable liquids (low and median flash point liquid, flash point<37.8°C)

Combustible Cabinets

Red Safety Cabinet for storing paintings, oil and other flammable liquids (high flash point liquid², flash point ≥ 37.8°C)

Corrosive Cabinets

Blue Safety Cabinet for storing corrosive liquids³

Toxic Cabinets

White Safety Cabinet for storing toxic chemicals

SYSBEL flammable liquid and chemical safety cabinets Specification

Volume (Gal/L)	Certification	Door type	Ext dimension (H×W×D/cm)	Packing dimension (H×W×D/cm)	Adjustable Shelves (Pcs)	Shelf Loading Weight(Kgs.)	N.W. (Kgs.)	G.W. (Kgs.)	Yellow Model	Red Model	Blue Model	White Model
4/15	CE	Single Door/Manual	56x43x43	72x53x53	1	50	27.3	35	WA810040	WA810040R	WA810040B	—
10/38	—	Single Door/Manual	64x59x60	82x69x69	1	50	34	48	WA810100	—	—	—
12/45	FM CE	Single Door/Manual	89x59x46	108x70x57	1	50	44.6	56	WA810120	WA810120R	—	WA810120W
22/83	FM CE	Single Door/Manual	165x60x46	182x70x57	3	50	74.3	90	WA810220	—	—	—
30/114	FM CE	Double Door/Manual	112x109x46	130x120x57	1	100	86.2	102	WA810300	WA810300R	WA810300B	—
45/170	FM CE	Double Door/Manual	165x109x46	182x120x57	2	100	114	133	WA810450	WA810450R	WA810450B	WA810450W
54/204	FM CE	Single Door/Manual	165x60x87	184x70x97	3	100	120.3	140	WA810540	—	—	—
55/207	CE	Double Door/Manual	165x86x86	182x96x96	1	100	154.8	179	WA810550	—	—	—
60/227	FM CE	Double Door/Manual	165x86x86	182x96x96	2	100	144.2	166	WA810600	WA810600R	—	—
90/340	FM CE	Double doors/Manual	165x109x86	182x120x96	2	100	164.2	186	WA810860	WA810860R	WA810860B	—
110/415	CE	Double Door/Manual	165x150x86	182x162x98	1	100	228.6	271	WA811100	—	—	—
115/434	CE	Double Door/Manual	165x150x86	182x162x98	2 (Left) 1 (Right)	100	227.6	270	WA810115	—	—	—

CONTAINMENT EQUIPMENT

One step forming polyethylene corrosive cabinet provide maximum safety storage protection for storing polyethylene or corrosive chemicals.

Sysbel polyethylene corrosive cabinet with seamless structure, ensure almost no leakage, and excellent performance of corrosion resistance and secondary leakage prevention and control. Double padlocks help to achieve double-person lock management, which is in line with EPA264.175 of the U.S. EPA, OSHA29CFR1910.1450 of the U.S. OSHA and Chinese Management of Hazardous Chemicals Ordinance (December 1, 2011 edition) On the cabinet doors, there are acidic and corrosive chemical warning labels to give your chemical storage management double guarantee.

Desktop Single Door Polyethylene Corrosive Cabinet ACP80001

4 Gal storage capacity; all-plastic and no-stopper design, excellent corrosion resistance; the cabinet shelf can be removed according to needs to improve space utilization; both sides of door can be hinged and door can be opened on both sides, to fully use table space; on both sides of cabinet, there are two vents, can open the lid for ventilation or discharge of pressure gas when necessary; double padlock design to meet the requirements for double-person lock management. The product is CE certified.

Undercounter Double door Polyethylene Corrosive Cabinet ACP80002

22 Gal storage capacity; all-plastic and no magnetic door holder design, excellent corrosion resistance; cabinet shelves can be removed according to needs to improve space utilization; on both sides of cabinet, there are two vents, can open the lids for ventilation or discharge of pressure gas when necessary; double padlock design to meet the requirements for double-person lock management. The product is CE certified.



ACP80001



It is CE approved, in line with EPA264.175 of EPA and OSHA29CFR1910.1450 of OSHA as well as Hazardous Chemicals Control Ordinance of SAWS.

* Tips: When strong corrosive chemicals in the storage cabinets the leak, chemical liquids will flow to the sump at the bottom of cabinets. Please use adsorbents and other spill control products to remove spills timely under the guidance of professionals.

SYSBEL Polyethylene Corrosive Cabinets

Capacity Gal/L	No. of doors & style	Ext Dimension (HxWxD/cm)	Packing Dimension (HxWxD/cm)	Adjustable Shelves	Volume of Bottom Leakage (Gal/L)	Shelf Loading Weight (kgs)	G.W. (kgs)	Model
4/15	One/Desktop	49x41x36	51x43x40	1	1.79/6.8	50	8.8	ACP80001
22/83	Two/Under counter	89x91x55	91x93x58	4	3.17/12	50	35.5	ACP80002

Product Supporting Parts

Name of part	For the type of Cabinet	Ext Dimensions (HxWxD/cm)	Models
Poly Shelf	ACP80001	3x38.8x30	ACPL001
Poly Shelf	ACP80002	3x48x43	ACPL002

(1) Please refer to list of Hazardous Goods (GB 12268-90) and List of Hazardous Chemicals of SAWS (OSHA Code 29CFR 1910.106 2002 edition)

* OSHA CODE 29 CFR 1910.106 specifies that for Class 1 & 2 flammable liquids the cabinet should hold less than 60 Gal.



Double padlock to achieve double-person lock management, to provide a higher level of security (padlock is on optional part)



Special design of cabinet top, which can also be used as a workable



Two vents on both sides of the cabinet, can open the lids for ventilation or discharge of pressure gas when necessary



On the door, there are warning labels to remind people to watch out



No magnetic door holder and excellent in corrosion resistance



Cabinet shelves can be removed to enhance space utilization



Both sides of ACP80001 doors can be hinged, and the door can be opened to both sides, to make full use of the space



Comply with OSHA29
CFR910.106&1910.144 of OSHA



Type

For Type

Red Oily Waste Can

Flashing point $\leq 80^{\circ}$ F(27 $^{\circ}$ C) Trash
immersed in flammable liquids

SYSBEL Oily Waste Cans

A good helper for you to connect oily trashes!

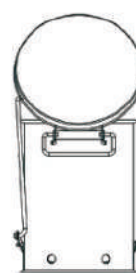
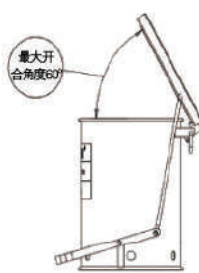
In order to prevent fire risks and collect rags and cloth submersed in oil (flammable solvents, linseed oil and other flammable liquids), please use OSHA standard oily waste can. SYSBEL oily waste can has special lid whose opening angle is no more than 60°. The self-closing lid design ensures the can tightly closed in the absence of external force, to effectively control the three elements of fires*.

The oily waste can plays an important role!

1. Pedal switch control, requiring no manual operation
2. Unique body and base design of the can to effectively reduce the possibility of fire
3. Maximum lid opening angle is 60°, in accordance with Underwriters Laboratories (UL) safety standards
4. Scope: Red products for tarnish flammable liquid waste; yellow for tarnish combustible liquid waste

SYSBEL Oily Waste Cans

Capacity (Gal/L)	Ext Dimensions (HxD/cm)	Packing Dimensions (HxWxD/cm)	N.W. (kgs.)	G.W. (kgs.)	Red Model
6/22.6	40x30	46x42x42	4.5	6	WA8109100
10/38	46x35	52x47x47	6	7.5	WA8109300
14/52.9	51x41	58x51x51	7.5	9	WA8109500
21/79.3	60x47	66x56x56	11	12	WA8109700



CONTAINMENT EQUIPMENT



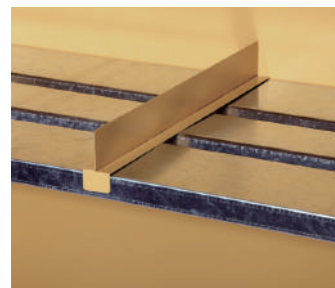
Safety Cabinet Parts



Shelf



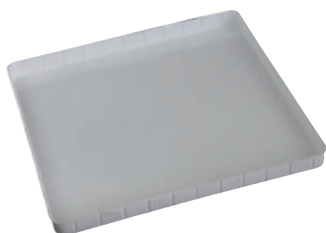
Shelf Divider



Drum Ramp



Drum Roller



Safety Cabinet Supporting Parts

Type	Name of part	For the type of Cabinet	Ext. Dimensions (HxWxD/cm)	G.W. (Kgs.)	Model	Functions
Shelve	Galvanized Steel Shelf	4 Gal	3x33x33	1.4	WAL040	More storage area divisions for diversified needs
	Galvanized Steel Shelf	12 Gal	3x49.5x35.5	2.4	WLA012	
	Galvanized Steel Shelf	30/45 Gal	3x100x36	5.4	WAL03045	
	Galvanized Steel Shelf	60 Gal	3x76.3x76.3	7.8	WAL060	
	Galvanized Steel Shelf	90 Gal	3x100x76.3	9.7	WAL090	
PVC Trays	PVC Tray	4 Gal Corrosive Cabinet	2x37x33	0.24	WAP040	Use with blue steel safety cabinet to provide extra spill protection
	PVC Tray	30 & 45 Gal Corrosive Cabinets	2x36x100	0.70	WAP03045	
Drum Roller	Oily Drum Safety Cabinets Roller	55/110/115 Gal	11.5x75x68	22.9	WADR001	Supporting storage for oily and chemical drums
Drum Ramp	Oily Drum Safety Cabinets Ramp	55/110/115 Gal	11.5x75x68	8.6	WAR001	Special tread design to increase friction, convenient for oily drum cart loading and unloading operations
Ground Connection	Antistatic Earth Lead	Steel Safety Cabinets	2mm, Length 1.5m	0.2	WA001	Promptly eliminate electrostatic changes, to prevent static sparks

Type	Name of part	For the type of cabinet	Ext Dimensions (HxWxD/cm)	Model	Functions
Shelf Divider	Safety Cabinet Shelf Divider 4G	4 Gal	6x3x33.4	WASD0040	Extend cabinet functions to enhance its performance
	Safety Cabinet Shelf Divider 12G	12 Gal	6x3x35.9	WASD0012	
	Safety Cabinet Shelf Divider 30 & 45G	30/45 Gal	6x3x36	WASD3045	
	Safety Cabinet Shelf Divider 60G	60 Gal	6x3x76.7	WASD0060	
	Safety Cabinet Shelf Divider 90G	90 Gal	6x3x76.7	WASD0090	



INDUSTRIAL SAFETY



Gas Detection

Gas Detector, a life saving equipment that measure and indicate the concentration of certain gases in the working environment. They are typically employed to prevent toxic exposure, fire and oxygen deficiency. They are manufactured either as portable or fixed units and work by signifying high levels of gases through a series of audible or visible alarms. Standard gas detector could detect from one gas to to four gases, modern multifunctional or multi-gas devices are capable of detecting several gases at once. When the sensors response surpasses a certain pre-set level, an alarm will activate to warn the user. There are various types of detectors available and the majority serves the same function: to monitor and warn of a dangerous gas level. However, when considering what type of detector to install, it is helpful to consider the different sensor technologies.

Electrochemical sensors are most commonly used in the detection of toxic gases like Carbon Monoxide, Chlorine, Hydrogen Sulfide, Sulfur Dioxide, Nitrogen Dioxide, Hydrogen Cyanide, Nitric Oxide and Ammonia.

Catalytic sensors are used to detect combustible gases such as hydrocarbon, and works via catalytic oxidation. As a combustible gas comes into contact with the catalytic surface, It is oxidized and the wiring resistance is changed by heat that is released. A bridge circuit is typically used to indicate the resistance change.

Photo Ionization Detectors (PID) detect toxic or hazardous vapors in ppm from 0.1 to 2000 ppm and measure low concentration of ionizable chemicals like Volatile Organic Compounds (VOCs), such as hydrocarbons and some inorganic vapors by photoionization. A process that treats chemicals with ultraviolet light to convert their molecules into electrically charged ions.

INDUSTRIAL SAFETY

PS200 Up to Four Gas Personal Monitor

GM-PS200-64052Q

- ▶ Auto bump / calibration station (Accessory)
- ▶ Optional internal pump and easy one button operation

PS200 provides unrivaled protection in confined space applications. Monitoring up to 4 gases simultaneously, it can be configured to detect a combination of Methane, Oxygen, Carbon Monoxide, and Hydrogen Sulfide, as well as other flammable gases. An optional internal pump allows for pre-entry checking.



- Gases Detected:
LEL, H2S, O2, CO
- Sensor Technologies :
Electrochemical, catalytic
- Run Time :
14 hours, 8 hours (pumped)
- Alarms:
Highly visible flashing LED, piercing
>90dB audible
- Approvals:
ATEX, CE, IECEx, cCSAus, MED



PS500 Up to Five Gas Personal Monitor

GM-PS500-61368ABEV2

- ▶ Auto bump and calibration station (Accessory)
- ▶ Over 15 Plug-&-Play smart sensors to choose from including PID for VOCs

PS500 can be tailored to detect up to five gases and is particularly useful in noisy environments, featuring a piercing 95dBA alarm. An optional internal pump allows for pre-entry checking. PS500 features a high-impact resistance case and on-board data logging for calibration certificates, data management and event logging.

- Gases Detected:
LEL, H2S, O2, CO, SO2, CL2, NH3, NO, NO2, PH3, VOC, C6H6,
dual tox CO / H2S
- Sensor Technologies :
Electrochemical, catalytic, PID, NDIR
- Run Time :
12 hours min with pump - rechargeable NiMH or 3 AA alkaline
- Alarms:
Visual 360° light bar, piercing 95dB audible, TWA, STEL, low battery
- Approvals:
ATEX, CE, IECEx, UL, MED





GT 1 Instrument, 7 Applications

- ▶ Auto bump and calibration station (Accessory)
- ▶ Leak detection from PPM to volume gas

GT Series is designed for the gas industry, satisfying all the needs of service technicians within a single unit. Seven modes of operation include: leak test, confined space entry, barhole testing, carbon monoxide, purge, sniffer and pressure leak tightness. Features include data logging, integral flash light and geiger on ppm range.



- Gases Detected:
O₂, CO, H₂S, dual tox CO/H₂S, methane (ppm, LEL, % volume)
water gauge
- Sensor Technologies :
Electrochemical, catalytic, semiconductor, thermal conductivity,
pressure transducer
- Battery Life :
8 hours: 3 'C' type batteries - LR14 alkaline or rechargeable
- Alarms:
High visibility LEDs, 85dB audible
- Approvals:
ATEX, CE, IECEx, CSA, UL

Senko SGT-P Replaceable Single Gas Detector

The SGT-P is a single replaceable gas detector designed to detect oxygen deficiency and presence of toxic gas in the ambient environment. SGT-P is the replaceable type of a gas sensor and battery. When activated, SGT-P continuously monitors ambient air for the presence of a specific gas and alerts the user to potentially unsafe exposure with LED, vibrating, and audible alarms in the events that gas concentration exceeds alarm set points.

Key Features

- ▶ Sensor and Battery Replacement
- ▶ Power on / off available
- ▶ Configuration via exclusive IR Link
- Excellent water / dust proof structure
- Automatic checking of the sensor trouble
- High performance audible and vibrating alarm
- Automatic logging of 30EA events
- Easy calibration through Docking Station



INDUSTRIAL SAFETY

Traffic Cone

- Highly visible traffic cone help to warn hazards on site and roads. It offers an economical and convenient way of barricading off a stretch of work site or road.
- Color: Orange with reflective sleeve
- Size: 18", 24", 30"



Utility Catcher™ Clip [KE-OMS/UHC](#)

- The Utility Catcher™ clip slips over a belt or heavy waistband
- Originally designed as an easy and convenient way to keep up with a hard hat when not in use
- A multipurpose clip that can be used to keep up with tools or other PPE items
- Color: Orange, Yellow, Green, Blue



1939 Glove Guard® Glove Clip [KE-1939](#)

- The Glove Guard® clip is the original glove clip and the only one with the patented safety breakaway design. For over ten years it has proven that its implementation can drastically reduce glove replacement costs and hand injuries because workers will have their gloves with them when needed. It weights just 3/4oz and measures 4.5" long and is made from an
- engineered grade material that holds its memory, resists flex fatigue, is non-conductive and non-corrosive.

Color: Blue, Red, Green, Yellow



Safety sign

Industrial safety sign spell out the specific actions to avoid, to look out for and action to be taken to ensure safety.

Available in:

- Self-adhesive vinyl
- Aluminium
- Acrylic plastic



Support Belt [SW-2910-SB-9308](#)

Safeware back support belt provides comfortable relief from lower back strain when proper lifting techniques is adopt

- Extra wide 1.2" width suspenders
- Fully enclosed spring steel for flexible, contoured support
- Easy adjustable elastic outer panels for added lower back support
- Comfortable
- Ergonomically designed

Color: Black
Size: S (28" - 36")
M (34" - 38")
L (36" - 42")
XL (40" - 45")
XXL (43" - 47")





Quebee Fire Blanket **QB-3900-FB44**

QUEBEE Fire Blankets are used extensively in household, commercial and industrial premises as it is an ideal fire protection tool especially in kitchens and work areas.

Technical Specifications :

- Fabric Material : Glass Fibre
- Fabric Weight : 430g/m²
- Fabric Thickness : 0.43mm
- Fabric Colour : White
- Weave Method : Twilling Weave
- Temp. Resistance : 500°C
- Packing : Red Plastic Box
- Standard Comply : BS EN : 1869



The blankets are of woven glass fibre fabric in a satin weaved, i.e. smooth, soft and tightly weaved, which protects against skin irritation. The fabric thickness is only 0.43mm, which can easily be wrapped around uneven surfaces; it provides an effective outer layer protection against unwanted contact with heat.

Model	Blanket Size	Box Size (L x W x H)	Weight
QB-3900-FB44-4X4	1.2m x 1.2m	4ft x 4ft	0.7 kg
QB-3900-FB44-4X6	1.2m x 1.8m	4ft x 6ft	0.8 kg
QB-3900-FB44-6X6	1.8m x 1.8m	6ft x 6ft	1.2 kg

The Fire Blanket s are each packed in a compact Hard Plastic Box for ease of storage and handling Mounting holes are also provided for wall hanging.

QB Surgical 3-Ply Mask **QB-CN102-3P**

- Without Glass Fibres
- Hypoallergenic
- Low Resistance to Breathing
- Nose Bar Adaptable
- High Filtration Capacity
- Perfect Fitting



Conformity

- BFE >98%
- EN14683
- American ASTM F2100 Level 2
- Cytotoxicity: ISO 10993-5:2009(E)
- Sensitization: ISO 10993-10:2002/AMD 1:2010
- Irritation: ISO 10993-10:2002/AMD 1:2010
- A HSA Registered Product



INDUSTRIAL SAFETY

Tyvek fabric is tough, yet extremely light and soft. Tyvek is made for millions of fine, continuous fibres of high density polyethylene that flash-spun and head-bonded into a fabric that is permeable to air and water vapour. Tyvek breathes, yet repels water based liquids and aerosols. It blocks particles and fibres down to sub micron sizes. Plus it's non-linting and silicon free.



Tyvek Boot Cover
DP-14444

- Height: 16.5" elastic top
- White colour
- One size fits all



Tyvek Shoe Cover
DP-14440

- Come with elastic top
- White colour
- One size fits all



Tyvek Lab Coat
DP-14300

- Snap closure
- Long sleeves
- White colour
- Size: S,M,L,XL

CPE shoes cover [SW-CN506](#)

- Made of low density CPE film making them liquid impervious and lint-free
- An economical alternative when a low particulate material is needed to protect against splash



Non-woven accordion clip bouffant cap [SW-CN215](#)

- Non-woven polypropylene spun bounded material
- Elastic headband offers a light weight, comfortable and non-slip fit



Non-woven peaked cap with elasticated snood [SW-CN201](#)

- Made of spun bonded polypropylene
- Back-elastic cap with snood for total hair cover



Non-woven bouffant cap with peak [SW-CN202](#)

- Made of spun bonded polypropylene
- With non-woven peak





First Aid Kits for Industrial Health

Contents	Box A	Box B	Box C
	For 25 Workers 30.5 x 21 x 12 cm Quantity	For 50 Workers 35 x 26.5 x 12 cm Quantity	For 100 Workers 39.3 x 30.5 x 12 cm Quantity
Absorbent Gauze 10's	5	10	15
Basic advice on First Aid at work	1	1	1
Crepe Bandage 2" (5cm)	1	2	4
Crepe Bandage 4" (10cm)	1	3	6
Disposable Gloves (Pairs)	2	2	4
Disposable Resuscitation pack	1	1	2
Europlast 10's	2	4	4
Eye Pad (Sterile)	2	4	6
Eye Shield	2	4	6
Hypoallergenic Tape	1	1	2
Pen Torch Light	1	1	1
Safety Pin 12's	4	4	6
Dressing Scissors	1	1	1
Triangular Bandage	4	4	6

NB. Sterile saline/ water is only recommended for places with no water supply

Recommended minimum contents of First Aid Box by the Ministry of Manpower (MOM)

Box A - For use where the no. of workers does not exceed 25

Box B - For use by every 50 workers

Box C - For use by every 100 workers

First Aid Kits for Workplace



Contents	Box No 1F	Box No 2F	Box No 51F
	For 10 Workers 30.5 x 21 x 12 cm Quantity	Exceed 10 but does not more than 50 35 x 26.5 x 12 cm Quantity	Not exceed 50 39.3 x 30.5 x 12 cm Quantity
Absorbent gauze 10's	1	2	2
Acriflavine solution	1	1	1
Antiseptic cream	1	1	1
Antiseptic solution	1	1	1
Basic advice on first aid at work	1	1	1
Constrictive bandage	1	1	1
Cotton ball 10's	1	2	2
Crepe bandage 2"	1	2	2
Crepe bandage 3"	1	1	1
Disposable glove (Pair)	2	3	1
Disposable resuscitation pack	1	1	1
Dressing forceps	1	1	1
Dressing scissors	1	1	1
Europlast 10's	2	3	4
Hypoallergenic tape 1/2"	1	1	1
Povidone iodine solution	1	1	1
Safety pin 12's	1	2	2
Singlefix finger dressing (Sterile)	2	4	2
Surgifix size 1-2	2	4	2
Surgifix size 3-4	1	2	1
Surgifix size 5-6	1	2	1
Triangular bandage	2	4	4
Ammonia Inhalant			4
Conforming bandage 2"			2
Conforming bandage 3"			2
Conforming bandage 4"			1
Hypoallergenic tape 1"			1
Shears			1
Emergency eye wash bottle			1

* Sterile saline/ water is only recommended for places with no water supply

Box 1F - For use in work place where the number of person employed does not exceed 10

Box 2F - This complete kit is for use in work place where the number of persons employed exceed 10 but does not exceed 50. Where more than 50 persons are employed, an additional cabinet every additional 50 persons should be provided

Box 51F - This complete kit is for use in work place where the number of persons employed does not exceed 50- where First Aiders are available and where a comprehensive First Aid kit is required. This portable kit is recommended for building sites, road construction sites, quarries and oil and gas explosion sites

LC-FA-BOX-A-NEW

Box A



LC-FA-BOX-B-NEW

Box B



LC-FA-BOX-C-NEW

Box C



LC-FA-BOX-1F

No 1F



LC-FA-BOX-2F

No 2F



for

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