


A close-up photograph of a person wearing a blue, heavy-duty protective work shirt. The shirt has a large pocket on the right side with a white label that features a red and yellow flame icon and the letters 'FR' below it. The background is slightly blurred, showing green foliage. The bottom portion of the image is overlaid with a semi-transparent blue banner containing white text.

Selection of Protective Apparel



PROTECTIVE APPAREL

Factors to Consider

Protective Clothing is vital for safeguarding personnel against a range of workplace hazards. It adheres to industry standards, addressing chemical protection, fire risks, and more. Various standards offer guidance for selection, proper use, and maintenance. While both EN and NFPA standards ensure safety and performance, they follow different testing procedures, each simulating real-life hazmat incidents.

Available protective apparel includes chemical-resistant clothing, flame-resistant apparel, firefighting apparel, and other specialized garments, all designed in accordance with specific standards.



DP-TYCHEM-C



Dupont™ Tychem® 2000

Description

- Protection against numerous inorganic chemicals
- Resists liquid splashes up to 2 bar
- Particle-tight fabric
- Meets top-tier EN14126 biological protection requirements
- Protection against particulate radioactive contamination
- Lightweight Type 3B protection
- Garment design ensures a comfortable fit with ease of movement
- Suitable for decontamination applications with resistance to common decontamination substances.
- Halogen-free, can be disposed of conventionally

Dupont™ Tychem® 6000

Description

- Protection against various organic and highly concentrated inorganic chemicals
- Resists liquid splashes up to 5 bar
- Particle-tight fabric
- Biological protection, meeting EN14126 requirements at the highest performance level
- Defense against particulate radioactive contamination
- Lightweight Type 3B protection, only 450g for Tychem® F - size L
- Suitable for decontamination applications, with resistance to common decontamination substances
- Halogen-free, can be disposed of conventionally



DP-TYCHEM-F



Dupont™ Tyvek® 500

Description

- Certified according to Regulation (EU) 2016/425
- Chemical protective clothing, Category III, Type 5-B and 6-B. (1956)
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination)
- Antistatic treatment (EN 1149-5) - on both sides.
- Stitched external seams
- Very low inward leakage thanks to optimised design
- Tyvek® auto-lock zipper and zipper flap for increased protection



DP-TYVEK



QB MicroPz Disposable Chemical Coverall

Description

- Breathable
- Electrostatic dissipative
- Antibacterial
- Protects against solid particles, liquid chemicals, infectious agents, and radioactive particles.



QB-5026-356D





QB Tecasafe Plus FR Garments

- Inherently flame-resistant, the fabric maintains FR properties through washing and wear while ensuring comfort and moisture management
- The fabric maintains durability, abrasion resistance, and like-new appearance even after washes
- Excellent value with a long life cycle and competitive pricing
- Designs include jackets, pants, and coveralls, with color options such as orange and navy blue, or other colors available upon request
- Surpasses performance standards of NFPA 70E HRC1, HRC2, and NFPA 2112



TECASAFE Overall Chart Sizes

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

Size	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

Size	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

Size	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"



Photos are for illustration purposes only. Actual colors may vary

TenCate Genesis Protective Fabrics

Genesis®, a tri-blend fabric (93% Meta-Aramid, 5% Para-Aramid, and 2% Anti-Static fiber), offers full-body protection against heat, flash fire, electric arc, and more. It's ideal for various applications like utilities, fire services, medical services, refineries, and military use. This lightweight, breathable fabric maintains flame resistance and durability through repeated washes, ensuring long-lasting reliability.

- Good resistance to tears and abrasion
- Proprietary wicking finish stays soft, keeping you cool and dry
- Exceptional durability maintains a professional look despite rugged use
- Genesis® is available in two weights: 4.5 osy and 6.0 osy
- Certified to NFPA 2112 and ASTM 1506 standards





QB Fire Fighting Suit, Jacket/Coat

- ▶ Upright collar closed with Velcro tabs that can be turned down
- ▶ Chest pocket on the jackets equipped with radio and microphone pockets
- ▶ The front closure uses a brass zipper concealed by a Velcro-sealed plate
- ▶ Cuff with inner ribbed sleeve to prevent fire incursion
- ▶ 3M Scotchlite Reflective Tapes installed to enhance high visibility



QB-UXF-X6-968-NB

QB Fire Fighting Suit, Trouser

- ▶ Two large front flapped pockets
- ▶ Flapped bellow pocket on each leg
- ▶ Leg cuffs with leather trimming
- ▶ 3M Scotchlite Reflective Tapes installed to enhance high visibility

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)

* Quebee Fire Fighting suits feature a multi-layer design using Nomex as the outer shell, with a CONEX & TWARON moisture barrier and insulating thermal barrier lining

Compliance

EN 340:2003, EN 469: 2005

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



QB-UNX-S07-II-NB



Fire Helmet VULCAN NEO

Description

- Excellent protection, use convenience and design.
- Shell provides impact and penetration protection as well as lateral crushing protection.
- Complete protection in low (-40°C) and high temperatures.
- Flame (tested at 1000°C) and heat resistant.
- Electrical properties acc. to the EN 50365:200 standard and selected items of the EN 443:2008 standard.
- Contact with liquid chemicals acc. to the EN 443:2008 standard.
- Resistance to molten metals and hot solids.
- Top quality face and eyes protection: Category 3 face protection & Class 1 optical protection

Compliance

EN 14458:2018, EN 166:2001
EN 170:2005, EN 171:2002
EN 172:2002



Special Protective Suit FHR 008 MAX A

Description

- Perfect technical design.
- Ergonomic and functional for maximum convenience.
- Best extreme protection against high temperatures and mechanical damage.
- Top-quality materials.
- Layer system for excellent breathability:
 1. Outer fabric available in sand or navy
 2. (75% meta-aramid, 23% para-aramid, 2% anti-static fibers)
 3. Membrane: PU laminated non-woven fabric (85% meta-aramid, 15% para-aramid)
 4. Thermal insulation layer: non-woven fabric (85% meta-aramid, 15% para-aramid) quilted to inner liner (50% aramid, 50% FR viscose)

Compliance

EN 469:2005+A1:2006+AC:2006
EN ISO 13688:2013



Leather Fire Gloves FHR 001

Description

- Highest dexterity level (5)
- Crafted from premium soft napa leather
- Exceptional resistance to abrasion, cuts, tears, and punctures
- Phalanx bone reinforcements
- Designed for functional and convenient use

Compliance

EN ISO 21420:2020



Rubber Fire Boots FHR 003 & FHR 004

Description

- Third heat insulation level (HI3)
- Steel toe cap (SB)
- Class O electro-insulating properties
- Puncture-resistant sole (P)
- Slip resistance (SR) and resistance to fuel oil (FO)
- High-temperature resistance (HRO) - uppers resistant to flame and radiant heat
- Heel section energy absorption above 20 J (E)
- Sole insulation against heat (HI)
- Protection against water regression
- EN 17249:2013+AC:2014 Safety footwear with resistance to chainsaw cutting (004 model)

Compliance

EN 15090:2012, EN 50321-1:2018+AC:2018,
EN 20345:2011, EN 17249:2013+AC:2014





Flame Resistance (Coverall / Jacket & Pants) Protective Apparels

Quebee Flame Resistance (QFR) garments are constructed from a blend of 98% cotton and 2% Anti-static fabrics, offering the durability of cotton while ensuring softness and comfort. Despite their gentle texture and pleasant feel against the skin, 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, aiming to minimize damage to the body and provide essential seconds to move away from the hazard. They serve two primary functions: slowing the transfer of heat through the fabric and insulating the body against the heat source, while also self-extinguishing and ceasing to burn when the flame or heat source is removed.



Quebee Flame Resistance (Coverall)

[QB-QFR-CL-NB/QB-QFR-CL-OR](#)

Quebee Flame Resistance (Jacket & Pants)

[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



Chemical Protective Clothing & Headgear

Alpha Solway Chemmaster Clothing

Chemmaster is Alpha Solway's reliable range of chemical protective clothing, offering an economical selection of garments, including coveralls, jackets, trousers, bibs and braces, surgical coats, leggings, sleeves, headgear, and aprons.

Products Features:

- ▶ Manufactured from highly tear- and abrasion-resistant 380g/m² PVC-coated nylon fabric
- ▶ Features stitched and high-frequency welded seams
- ▶ Exceptional chemical resistance against many acids and alkalis
- ▶ Suitable for a wide range of chemical handling operations

Suggested Usage

Manufactured from a robust and practical fabric, provide protection against a wide range of acids, alkalis, and solvents.

EN 466:1995



EN 465:1995



EN 467:1995



BD-CMBH

Alpha Solway Chemmaster Headgear

A range of caps, visors, and helmet covers provides splash protection for the head, face, and neck. Styles include simple caps and visors, as well as the 'Apollo' designed for higher-risk operations.

Products Features:

- ▶ PVC-coated nylon
- ▶ Anti-mist visor options available
- ▶ Generally available "off the shelf"
- ▶ Conforms to BS EN467:1995

Suggested Usage

Chemmaster headgear provides splash protection to the head, face, and neck, with the "Apollo" model intended for high-risk operations like pipe work break-ins and valve changes.



Chemmaster Protective Head-gear (Apollo)



BD-CMH10

The chemical splash hood includes a double-skin anti-mist visor, ventilation ports, extended apron, and velcro closure for use with a safety helmet. It meets BS EN467:1995 standards.

Chemmaster Protective Headgear



BD-CMH4

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



BD-CMH8

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



Catering to medium to heavy-duty protection needs, Quebee aprons, crafted from high-quality vinyl and neoprene, offer flexibility and durability to safeguard against chemicals, fats, oils, grease, punctures, and abrasions.



QB-BSA300-56411

QB Heavy Duty Neoprene Apron

Description

- Made from 19oz. heavy-duty black neoprene
- Offers versatile protection against various chemicals
- Sizes: 35" x 43"
- Thickness: 22 mils
- Color: Black

QB Heavy Duty Vinyl Apron

Description

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



QB-BSA500-460-54742



QB-BEA06-R-54441

QB Regular Duty Vinyl Apron

Description

- Premium Quality Industrial Apron
- Made from high-quality vinyl
- Blends flexibility with chemical, fat, oil, and puncture resistance
- Sizes: 35" X 48"
- Thickness: 7.5 mils
- Color: Blue



QB-BSA900-56910

QB Vinyl Coat Apron

Description

- Made from high-quality vinyl with dielectrically welded seams for chemical resistance and front protection
- Full sleeves with elastic wrists enhance arm protection
- Suitable for electronics manufacturing, labs, and cleanrooms, handling various chemicals
- Size: 51" X 27"
- Thickness: 8 mils
- Color: Blue

Tempshield Cryo Apron

Protection from cryogenic atmospheres and splashes

Description

- Superior thermal protection.
- Waterproof.
- Comfortable, lightweight, and breathable.
- Offers torso and upper leg warmth and splash protection
- Adjustable neck and waist straps with quick-release buckles
- Available in sizes: 24" x 42", 24" x 48"



TS-CA42-APRON



BS-36AHS

Black Stallion 36AHS Aluminium Kevlar Apron

Description

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



QB-ASC06-59001-BU

QB Vinyl Sleeves

Description

- A full 18-inch sleeve, 8 mil
- Vinyl styles are heat-sealed without exposed elastic
- Excellent protection against chemicals, snags, punctures, and abrasions

Dupont Tyvek Sleeves

Description

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



DP-14500



BS-KK-18S

Black Stallion 18" Kevlar® Knit Sleeve

Description

- SafSleevez™ Kevlar® knit sleeves
- 18" length, double-layered
- Cut, abrasion, and flame-resistant
- ANSI cut level 3

CAUTION: Users must determine if this product provides adequate protection

Black Stallion Aluminized Carbon/ Kevlar® High Temp Sleeves

Description

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



BS-AHS14 / BS-AHS18



Reflective Waist Coat



PD-195-YM/WTXB

Panda Safety Vest

Description

- Fluorescent mesh with 50mm wide reflective tape
- Two vertical bands over each shoulder joining the upper body band front and crossing at the back
- Silver (PD195) and yellow (PD194) reflective strips.
- One size fits all
- Conforms to EN471

Panda Fabric Safety Vest

Description

- High-visibility polyester tricot with dual 50mm reflective bands
- Two vertical bands over each shoulder joining the upper body band front and crossing at the back
- Fluorescent yellow with one-size-fits-all design and silver reflective strip
- Conforms to EN471



PD-295-YF/WTXB

Panda Elastic Reflective Brace c/w Buckle

Description

- Quick-release buckle for easy and secure adjustments
- Retains its color in the toughest weather conditions
- Ideal for construction workers, street workers, traffic control, public utilities, and safety patrols
- Made from nylon and polyester, available in fluorescent yellow and orange, with silver reflective tape



PD-637-STXB



The Tempex Classic line, certified to EN342, has a long-standing record of excellence in cold stores. High-quality materials, such as the durable NR-Classic polyamide outer fabric, ensure optimal protection. The line's products are meticulously coordinated to form a complete protection system. Additional benefits include the use of Tempex Thermosoft high-bulk insulating non-woven, reflective tapes for increased visibility, and comfortable, functional styles.

TEMPEX

TP-30006-1026

Seam reinforcement for added durability. Acrylic fur knee insulation.



Care:



Trousers

Description

- Feature a full-length side zipper with inner flaps and reflective tape around the legs
- With kidney guard and fixed elastic braces
- Feature adjustable suspenders, a raised back, a front zipper, and two side pockets for convenience
- Seam reinforcement and reinforced hem are made from the outer fabric
- Slit closure (not included on women's trousers)

Order Picker's Coverall

Description

- Tight-fitting acrylic fur collar secured with velcro fastener
- Knitted cuffs on the sleeves
- 2-way front zipper with additional covering flaps and press studs
- Long side zippers on the legs with inner flaps
- Elastic waistband at the back and adjustable waist on the side
- 2 breast pockets and 2 side pockets with flaps
- Additional acrylic fur knee insulation
- Seam reinforcement crafted from the outer fabric
- Reflective tape wraps around the chest, arms, and legs
- Circumferential reflective tape on chest and legs

TEMPEX



TP-30012-1026

Care:



TEMPEX

TP-30001-1026

Care:



Jacket

Description

- Tightly fitting acrylic fur collar secured with velcro fastener
- 2-way front zipper with additional covering flaps and press studs
- Elastic waistband at the back, adjustable hip size at the side
- Hood with faux fur lining and tight-fitting knit edge
- Left-side chest pocket with zipper
- 2 chest pockets (left-side with zipper) and 2 side pockets with flaps
- Knitted cuffs and circumferential reflective tape



TEMPEX

TP-30011-1026

Care:



Supervisor's Coat

Description

- Hood with acrylic fur lining and secure flap closure
- Sleeves with knitted cuffs, front featuring a 2-way zipper with additional covering flaps and press studs
- Elastic waistband at the back, adjustable hip size on the side
- 2 side pockets with flaps, a breast pocket with a zipper
- Tight-fitting collar with faux fur and Velcro fastener
- Reflective tape around the chest and arms

Hood, Classic

Description

- Secures with an adjustable drawstring and two buttonholes for attaching to jackets or coveralls
- Front press button
- Tight-fitting knit edge
- Drawcord
- Suitable for Classic jackets and overalls

TEMPEX

TP-30051-1026

Care:



Tempex Cold Protection Sizes

Men's sizes

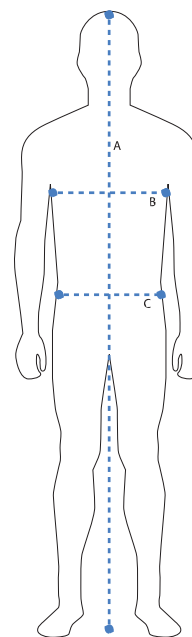
Clothing Size	Body Size	Waist	Chest	
46/48	S	170-176	76-84	88-96
50/52	M	176-182	84-92	96-104
54/56	L	182-188	92-104	104-112
58/60	XL	182-188	104-112	112-120
62/64	XXL	182-194	112-124	120-128

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)