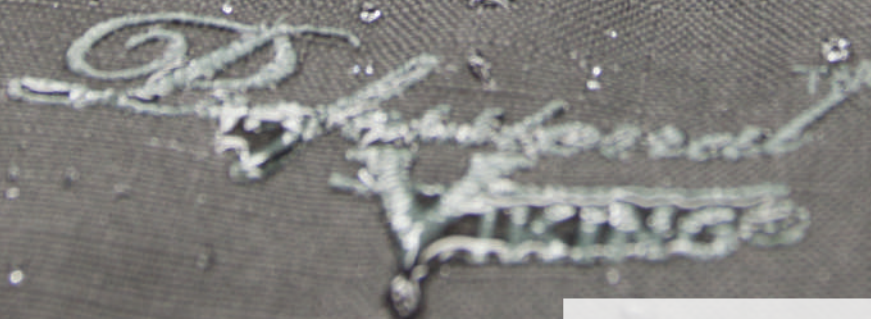




PRODUCT CATALOGUE 2016/17



VIKINGWEAR.COM



## THE VIKING® STORY

Since 1920, Viking®'s leadership in quality and innovation has set the standard in performance, comfort and safety for workers. Over the years we took the technology and performance of our industrial products and integrated levels of fashion to create exceptional value recreational offerings that perform with industrial durability.

Viking® manufacturing continues to expand with Harvik Rubber Malaysia, the world's largest safety rubber footwear factory; Marv Holland "Firewall", Canadian innovator of hydro-carbon flash fire apparel; and most recently Tatra Boots & Shoes, Canadian leather safety boot manufacturer. Owning our own factories allows us to control every detail of design and performance; to develop and produce innovative fabrics, materials and constructions that deliver higher levels of safety and performance for the ever changing work environment.

Whether it is staying warm and dry while watching your child play soccer, staying safe working with 40,000 volt transformers, oil rigs, in a mine, as a logger, or staying visible while being a flagger on the highway—Viking® provides the highest level of safety standards in visibility and protection in the world with accreditation from CSA, ASTM, UL, NFPA, SATRA (CE), INSPEC (MED), BSI (AS/NZS), GOST, SIRAM, KFI, KWF, and most other global safety certifying boards.

Let the heritage of Viking®, Harvik, and Tatra be part of your active and work life, with confidence in performance and comfort.

Our passion is PERFORMANCE, because we care how you *Brave The Elements®*!





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# THE VIKING® ADVANTAGE

## Waterproof and Breathable

### Waterproof

Viking® uses the most globally recognized Hydrostatic Water Pressure testing method – AATCC 127 to qualify our fabrics as being waterproof. The test material is subjected to steadily increasing water pressure on one face until water penetration occurs on the opposite face in three separate locations. The minimum standard for Viking® is 11.2 psi (pounds per square inch) or 784 mbar. This may generically be called 8,000 waterproof.

### Breathable

Viking® uses the most globally recognized Water Vapour Transmission testing method – JIS L-1099 – Procedure B-1 to determine fabric breathability. This measures the ability of the fabrics to let steam or perspiration evaporate outside the textile. The test measures the amount of water in grams per sq. meter that migrates over a 24 hour period. Generally accepted ratings are listed in the adjacent table.

The minimum standard for claiming breathability in a Viking garment is 8,000 g/m<sup>2</sup>/24hours

5,000 - 8,000 g/m <sup>2</sup> /24hours	= Good breathability
8,000 - 15,000 g/m <sup>2</sup> /24hours	= Very good breathability
15,000+ g/m <sup>2</sup> /24hours	= Excellent breathability

**All waterproof Viking® recreational garments have seams that are double sewn, taped, and heat sealed.**

## Stitching and Seams

There are two common stitch types used in the outerwear market:

### Hemstitching

Fabric is folded over at the edge and the layers are stitched together. This provides a clean hem edge, and eliminates fraying threads. Hemstitching requires more time and quality attention to produce.

### Overcast stitching

This has a circular, continuous threading around the edge of the material. This system is much faster, and less expensive. The risk is that should this continuous thread break, the whole seam will unravel, also the fabric edge threads will "slip" pulling the trim stitching off the body of the fabric and commence unravelling

### Double stitch vs. single stitch

Double stitching joints increases the tensile resistance of the seam, while reducing the specific pressure on each stitch. Should one stitch get snagged and torn, the garment will not unravel. Polymer film garments should be stitched at seams as well as heat sealed to ensure stress points do not tear or peel. All Viking® garments are double stitched for durability.

### Bar-tacking

Bar-tacking is the reinforced repetitive stitching at critical tear points on a garment; these include pocket edges, arm and leg cuffs, button holes, and key stress areas in crotch, arm, and back.

**You can rely on Viking® gear to keep you safe, dry, and warm on the coldest and rainiest of days, because every part of the Viking® garment has been meticulously thought out to deliver a comprehensive waterproof system that is also comfortable to wear.**

**Each component and the stitching behind a Viking® garment give you the protection you need to Brave The Elements®.**



**All Viking® garments are hemstitched and fully bar-tacked in all corners and stress areas.**





## Zippers

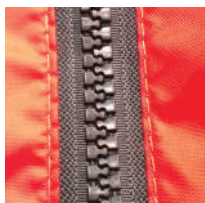
There are two common types of zippers used in outerwear:

### Tooth Zippers

These are produced either in plastic or metal (brass). Tooth zippers offer the highest level of durability and longevity, and have the ability to withstand the torque of industrial and commercial uses. Highly recommended for front closures and boot zip regions.

### Coil Zippers

These are considerably less expensive and are produced in plastic. Coil zippers are designed for low-pressure closures like pockets or arm vents. As front closures have a high risk of breaking or being damaged, tooth zippers are superior.



Tooth zipper



Coil Zipper



Waterproof coil zipper

**All Viking® garments use tooth zippers on front and boot closures**

### Embroidery access zippers

Whether you are an ad specialty or a promotional business, Viking® recreational garments are B2B friendly with our 14" embroidery access zippers.



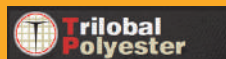
### 4-Way Stretch Waterproof/Breathable

Waterproof/breathable 4-way stretch patented fabric moves with your body, offering unparalleled flexibility while keeping you dry and cool at the same time.



### V-Tech®

V-Tech® is a complete protective membrane, designed with continuous microscopic pores, which allows heat vapor created on the inside to exit, while preventing water molecules from penetrating the garment.



### Trilobal Polyester

Trilobal Polyester utilizes triple twined polyester thread to create a cross section of fibres at regular intervals to form cells. These cells significantly increase the tensile strength of the garment over regular knit fabrics, effectively preventing tears from expanding to the next cell, while increasing the cut, tear and abrasion resistance of the garment.



### Stormblaster®

The Stormblaster® hood system reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety "Tear Away" design, making it easy to remove and attach. Standard hoods are traditionally attached with hook-and-loop fasteners or buttons, leaving gaps that could allow water to travel up and around the neck area.



### Tri-Zone 3-in-1

The Viking Tri-Zone® 3 In 1 system garments are designed to maximize the usage of a single garment. You can wear the outer jacket as a stand alone waterproof, windproof shell or the inner jacket as a thermal layer. The jackets also feature a unique zipper that secures the two jackets together to form a waterproof insulated element barrier.



### ThermoMaxx®

ThermoMaxx® is a high-tech, ultra-thin and light weight insulation that provides maximum warmth without the bulkiness.



### Temperature Ratings

Throughout this catalogue, you will find suggested temperature ratings on ThermoMaxx® insulated garments or lined boots. These ratings were developed using the CLO value system of heat transfer between layers within a garment/boot, envisioning a mobile individual's comfort level in these temperature zones. These ratings are for guidance purposes only.



Evolution by Viking® ActiveFlex Jacket

- Waterproof/breathable 4-way stretch patented fabric moves with your body, offering unparalleled flexibility while keeping you dry and cool at the same time
- 200 Denier Trilobal ripstop polyester with PU backing to withstand rips, punctures, and snags
- 600 Denier stretch black polyester with PU packing on body, elbows, and shoulders for supreme abrasion resistance
- 80 gsm ThermoMAXX® insulation good up to -10°C/14°F
- Safety reflective piping on front and back
- Two outside zipper pockets, and two inner storage pockets, including an iPod access
- Side zippers for comfort and ventilation
- Chest strap for cell/radio
- Adjustable snap cuffs with gusset
- Embroidery zipper included



<b>WATERPROOF</b> 12,000mm	<b>BREATHABILITY</b> 12,000g/m <sup>2</sup> /24 hours breathable
<b>4-WAY STRETCH</b> WATERPROOF/BREATHABLE PATENTED FABRIC	<b>V-TECH</b> • Waterproof Breathable
<b>Trilobal Polyester</b>	<b>ThermoMaxx</b> • Ultra thin Insulation

Size S - 3XL

Evolution by Viking® ActiveFlex Hi-Vis Jacket

- Waterproof/breathable 4-way stretch patented fabric moves with your body, offering unparalleled flexibility while keeping you dry and cool at the same time
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- 200 Denier Trilobal ripstop polyester with PU backing to withstand rips, punctures, and snags
- 600 Denier stretch black polyester with PU packing on cuff, and hem for supreme abrasion resistance
- 80 gsm ThermoMAXX® insulation good up to -10°C/14°F
- Dual reflective chest straps
- Vi-brance® 2" reflective stripes
- Two outside zipper pockets, and two inner storage pockets, including an iPod access
- Side zippers for comfort and ventilation
- Microfleece-lined collar for greater comfort
- Adjustable snap cuffs with gusset
- Embroidery zipper included



<b>WATERPROOF</b> 12,000mm	<b>BREATHABILITY</b> 12,000g/m <sup>2</sup> /24 hours breathable
<b>4-WAY STRETCH</b> WATERPROOF/BREATHABLE PATENTED FABRIC	<b>V-TECH</b> • Waterproof Breathable
<b>Vi-brance</b> CSA 228-15/ANSI 107-2015 reflective stripes efficiency	<b>ThermoMaxx</b> • Ultra thin Insulation

Size S - 3XL





EV400BB



EV400BR

EV400PZ



## Evolution by Viking® Tempest® Unlimited

- Waterproof/breathable 4-way stretch patented fabric moves with your body, offering unparalleled flexibility while keeping you dry and cool at the same time
- 200 Denier Trilobal ripstop polyester with PU backing to withstand rips, punctures, and snags

### Jacket

- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Fully lined mesh interior for comfort and breathability
- Safety reflective piping on front and back with 2 outer pockets tapered into them
- Chest storage pocket with waterproof zipper
- Underarm waterproof zippered vents for breathability
- Two-way zipper with "guttered" double storm flap
- 3-in-1 zipper compatible with 408, 402.
- Adjustable toggle drawstring, and wrist with hook-and-loop fasteners
- Inner storage pocket with iPod access, and badge pockets with hook-and-loop fasteners on left side of chest
- Plastic loop on lower side to hang gloves/keys
- Embroidery zipper included

### Pants

- Mesh lined at key stress points, allowing a greater range of motion and enhancing breathability
- Double layer provides access to kneepad pocket and protects against abrasion
- 1 Back and 2 side zippered pockets, and 1 right side cargo pocket with hook-and-loop fastener
- Boot zips for easy access and kick panel
- Adjustable toggle waist drawstring

#### WATERPROOF

12,000mm

#### BREATHABILITY

12,000g/m<sup>2</sup>/24 hours breathable

4-WAY STRETCH  
WATERPROOF/BREATHABLE  
PATENTED FABRIC

STORMBLASTER

Trilobal  
Polyester

V-TECH • Waterproof  
Breathable

3 IN 1 System

Size S - 3XL





## Viking® Tempest® 50 Lined Jacket

- High-tech polyester/PVC construction
- Insulated with 250 gsm ThermoMAXX® diamond quilted insulation warm enough to withstand below freezing temperatures for up to -50°C/-60°F, without the bulkiness
- Low pile insulation means the jacket is thinner, providing greater dexterity and freedom of movement
- Waterproof and windproof
- Insulated Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- 0.5" wide safety reflective piping front and back
- Underarm vent zips for breathability
- 4 storage pockets on the front of jacket
- Inner zippered pocket and inner pouch pocket on right side of jacket
- Adjustable wrists with hook-and-loop fasteners
- Fleece-lined inner collar for increased warmth
- Inner storage pocket with iPod access on left side of chest
- Small storage pocket on left sleeve
- Side zipper for comfort and ventilation
- Embroidery zipper included



850BK



850N



Size S - 5XL



## Viking® Tempest® Tri-Zone

- High-tech polyester/PVC shell and taffeta lining
- 3-in-1 Trizone System provides protection against cold weather up to -30°C/-22°F
- Waterproof and windproof

### Jacket

- New 3-way Air Flow Ventilation System with underarm and back zipper vents
- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Toggled waist and hem, and cuff with hook-and-loop fasteners
- 0.5" safety reflective piping front and back
- 4 storage pockets, and 1 inner storage pocket with iPod access
- 300gsm non pill deluxe inner fleece jacket included
- Side zippers on outer shell for comfort and ventilation
- Hook-and-loop fasteners on inner flap to prevent water penetration
- Embroidery zipper included

### Pants

- ThermoMAXX® 80 gsm polyfill insulated pants are light weight and fully lined providing superior protection against cold weather
- Full two-way covered side zippers for vented pant or tear away options
- Wide elastic waist with hook-and-loop adjusters, and removable suspenders
- Rear zip storage pocket
- Hook-and-loop adjusters at bottom of legs
- Snap waist and zippered fly access
- Articulated knees with reflective piping for greater comfort and visibility



858JB



858JCB



858JN



858JBB



858JBR

858PB  
Full zip



858JBR available in XS - 4XL

Size XS - 5XL







**880P**  
Full zip

**880BK**

**880MG**

**880PB**

**880R**

## Viking® Creekside Tri-Zone

- High-tech polyester/PU shell with fully lined berber fleece interior
- 3-in-1 Trizone System (compatible with 410BK)
- Waterproof and windproof

### Jacket

- Lightweight 80 gsm insulated inner jacket included, providing protection against cold weather up to -30°C/-22°F without puffiness.
- High-tech polyester with PU backing
- Safety reflective piping on front and back
- Front placket and cuff "anti-snap" hook-and-loop closures
- Underarm vent zips for breathability
- Adjustable hem and wrists for weather protection
- 2 lined zip pockets designed for hand comfort
- Inner zippered pocket for phone and gear storage
- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Embroidery zipper included

### Pants

- ThermoMaxx® 80 gsm polyfill insulated pants are light weight and fully lined providing superior protection against cold weather
- High-tech polyester with PU backing
- Full two-way covered side zippers for vented pant or tear away options
- Wide elastic waist with hook-and-loop adjusters for snug fit
- Hook-and-loop adjusters at bottom of legs
- Snap waist and zippered fly access
- 2 Zippered slash pockets



Size **S - 2XL**



**829BK**

**829N**

**829CLG**

**829BK** Black

**829N** Navy

**829CLG** Lime Green/Charcoal

**829BR\*** Red/Black

**829BB\*** Royal Blue/Black

**829CB\*** Charcoal/Black

\*Available in Spring 2017

## Viking® Torrent 3-In-1 Jacket

- Comes with a Viking® fleece inner jacket that can be worn as a stand-alone or combined with the shell jacket to withstand cold weather temperatures up to -20°C/-4°F
- Waterproof and windproof
- High-tech polyester/PVC shell fabric
- Adjustable hood that tucks away into the collar
- Vented back for breathability
- Safety reflective piping on front and back
- 2 large outer pockets
- Adjustable cuffs with hook-and-loop fasteners
- Inner cell phone and iPod pocket on left side of jacket
- Fully lined mesh and tafetta lined sleeves
- Embroidery zipper included

Size **S - 4XL**





## RECREATIONAL WINTER GARMENTS

### Viking® Crescent ThermoMAXX® Jacket

- High-tech polyester coated with PU backing
- Ultra thin ThermoMAXX® 80 gsm insulated jacket provides superior protection against extreme cold weather without added bulkiness
- Withstand cold weather temperatures up to -15°C/-5°F
- Waterproof and windproof
- Fashionable print pattern design
- Reflective safety piping on front and back
- Soft microfleece collar
- Elasticized cuffs
- 2 zippered pockets, 1 zippered inside pocket, and 1 elastic cord on hem for snug fit



Size S - 2XL



## RECREATIONAL ALL SEASON GARMENTS

### Viking® Tempest® Jacket

- Trilobal polyester with PVC coating is tear-resistant
- Fully lined mesh interior for increased comfort and breathability
- Waterproof and windproof
- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- 2 interior chest pockets
- Reflective safety stripes on front and back
- Waterproof zippers on outside pockets and underarm vents
- Non-catching "anti-snag" hook-and-loop fasteners on the front placket closure and on the adjustable tailored storm cuffs
- Outside pockets are tapered into the reflective Hi-Vis piping
- Two-way zipper with "guttered" double storm flap
- Embroidery zipper included



Size S - 3XL







**838PZ**  
Full zip

### Viking® Tempest® Classic

- High-tech polyester/PVC construction retains flexibility in extreme wet conditions
- Generously sized for ease of movement, with full taffeta-lined sleeves and mesh body lining for comfort
- Waterproof and windproof

#### Jacket

- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Mesh-lined shell for comfort
- 0.25" Wide safety reflective piping front and back
- Hook-and-loop fasteners on inner flap to prevent water penetration
- Underarm vent zips for breathability
- 4 storage pockets outside, and 1 inner storage pocket
- Adjustable wrists with hook-and-loop fasteners
- Embroidery zipper included

#### Pants

- Wide elastic waist with adjustable hook-and-loop fasteners for snug fit
- 2 zippered slash pockets
- Snap waist and zippered fly access
- Full two-way covered side zippers for vented pants or tear away option
- Adjustable boot cuffs with hook-and-loop fasteners and boot zippers for easy access

838GC	Size	S - 3XL
838CN	Size	2XS - 5XL
838CB	Size	XS - 5XL
838CR	Size	XS - 3XL
838PZ	Size	2XS - 4XL



**868PZ**  
Full zip

### Viking® Creekside

- High-tech polyester with PU backing
- Waterproof and windproof

#### Jacket

- Safety reflective piping front and back
- Front placket and cuff with "anti-snap" hook-and-loop closures
- Underarm vent zips for breathability
- Adjustable hem and wrists for weather protection
- Two lined zip pockets designed for hand comfort
- Inner zippered pocket for phone and gear storage
- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Embroidery zipper included

#### Pants

- Heavy-duty, full-length, two-way covered side zippers for vented pant or tear away options
- Wide elastic waist with hook-and-loop adjusters for snug fit
- Hook-and-loop adjusters at the bottom of legs
- Snap waist and zippered fly access
- Articulated knees for mobility
- Full lining inside for comfort

Size	S - 2XL
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## RECREATIONAL ALL SEASON GARMENTS

### Viking® Torrent

- High-tech polyester/PVC shell fabric
- Waterproof and windproof

#### Jacket

- Fully lined mesh and taffeta lined sleeves
- Adjustable hem and cuffs
- Safety reflective piping on front and back
- 2 large pockets, and 1 inside phone/iPod
- Adjustable hood that tucks away into the collar
- Embroidery zipper included

#### Pants

- High-tech polyester with PVC backing
- 2 pass-through pockets and 1 rear storage pocket
- Elastic waist with drawstring
- Boot zip featuring adjustable cuffs with hook-and-loop fasteners

828N and 828P  
available in XS - 3XL

Size **S - 3XL**



More colours available in  
Spring 2017

## RECREATIONAL LIGHTWEIGHT GARMENTS

### Viking® Windigo®

- Ultra light polyester with PU backing
- Stuffable into front left pocket of the garment
- Waterproof and windproof

#### Jacket

- Multiple back vents and full mesh lining
- Hood tucks away into microfleece collar
- Adjustable hem and elastic cuffs with hook-and-loop fasteners
- Safety reflective piping front and back
- 2 large front pockets, and 1 inside cell pocket
- Embroidery zipper included

#### Pants

- 2 zippered pockets and 1 back storage pocket
- Boot zip entry on lower leg
- Fully lined for comfort and ventilation
- Wide elastic waist with drawstring

910PC available in  
XS - 3XL  
910CSB, 910N available  
in XS - 4XL

Size **S - 3XL**







**920P**  
Boot zip

**920BK**

**920HB**

### Viking® Ladies Windigo®

- Ultra light polyester with PU backing
- Stuffable into front left pocket of the garment
- Waterproof and windproof

#### Jacket

- Double placket front zipper
- Multiple back vents, and full mesh lining
- Adjustable hood that tucks away into the collar
- Adjustable hem and elastic cuffs with hook-and-loop fasteners
- Safety reflective piping on front and back
- 2 large front pockets, and 1 inside patch pocket
- Embroidery zipper included

#### Pants

- 2 zippered pockets and 1 back storage pocket
- Boot zip entry on lower leg
- Fully lined for comfort and ventilation
- Wide elastic waist with drawstring

Size **S - 2XL**



**930BK**

**930W**

### Viking® Crescent Jacket

- Waterproof and windproof
- High-tech polyester coated with PU backing provides ultra soft and light feel
- Fashionable print pattern design
- Reflective safety piping on front and back
- Adjustable hood that tucks away into the collar
- Multiple back vents and full body mesh lining provides breathability and ventilation
- Adjustable tailored storm cuffs with anti-snag hook-and-loop fasteners
- Soft microfleece collar
- 2 zippered pockets, 1 zippered inside pocket and elastic cord on hem for snug fit

Size **S - 2XL**

## RECREATIONAL LIGHTWEIGHT GARMENTS

### Viking® BT Elements Jacket

- Waterproof and windproof
- Attached lined hood with adjustable drawstring
- Polyester lined arms
- Multiple back vents and full mesh lining for breathability
- Elastic storm cuffs
- 2 lined storage pockets with generous overlaps
- Colour coordinated zipper and mesh lining
- Embroidery access



240B



240D

240B available in  
2XS - 3XL

Size **XS - 2XL**

More colours available in  
Spring 2017

## RECREATIONAL LINERS

### Viking® Hybrid Jacket

- 125 gsm ThermoMAXX® insulation good up to -20°C/-4°F
- Soft micro-fleece sleeve and ultra thin insulation offer superior mobility and insulation
- Safety reflective piping on front and back
- "V" pattern quilting insulation around body core
- 2 outside zipper pockets, and 1 inner storage pocket with iPod access
- Micro-fleece lined collar for comfort
- Drop back tail



407BK

Size **S - 3XL**







408BK

### Viking® Ultimate ArcticLite Jacket

- Ultra thin ThermoMAXX® 125 gsm (-20°C/-4°F) insulated jacket provides superior protection against extreme cold weather without added bulkiness
- Includes 2 outside zipped pockets, 1 inner pocket, and 1 iPod pocket
- Microfleece lined collar for greater comfort
- Elastic draw cord with toggle adjusters concealed inside waist band
- Compatible with Tri-Zone series jackets. Provides warmth for up to -30°C/-22°F when worn with Tri-Zone series jackets
- Elasticized wrist cuffs
- Drop back tail



Size S - 3XL



410BK

### Viking® Ladies ThermoMAXX® Jacket

- ThermoMaxx® insulated liner jacket at 80 gsm is soft and light weight
- Berber fleece lining for superior protection against extreme cold weather without puffiness
- YKK® zipper is compatible with Creekside Tri-Zone series; zips directly into outer shell jackets
- Includes 2 slash zippered pockets, 1 inner pocket, and 1 iPod pocket
- Can be worn as a stand-alone jacket that provides warmth for up to -20°C/-4°F or -30°C/-22°F when worn with an outer jacket



Size S - 2XL



### Viking® Tempest® Fleece Jacket

- Polyester/PVC shell on shoulders and elbows
- Non-pill black fleece and taffeta lined sleeves
- 2 large zipped pockets, and 1 interior mesh storage pocket
- YKK® zipper is compatible with Tri-Zone series
- Worn as a stand-alone or as a replacement for Tri-Zone series fleece jacket liners
- Embroidery zipper included



402NB

Size XS - 4XL



### Viking® Soft Shell Jacket

- Anti-pill microfleece lined collar for greater comfort
- Waterproof zippers on lower front and chest pockets
- Interior iPod pocket and storage pocket
- Side insert gussets for greater mobility
- Elastic draw cord with toggle adjusters concealed inside waist band
- Adjustable anti-snag wrist straps with hook-and-loop fasteners help to seal out weather
- Drop back tail



406BK

Size S - 3XL



# RUGGED & TOUGH INDUSTRIAL WEAR

## Polymer Film vs. Woven-coated

### Polymer film garments

Polymer film garments are made from material such as PVC (Poly Vinyl Chloride), PU (Polyurethane), and Neoprene. They excel in splash protection but are generally poor with puncture and abrasive protection.

### Woven-coated fabrics

Woven-coated fabrics are made from nylon, or polyesters. They are tough, hard to rip or tear but offer limited protection against chemicals.

## Understanding Each Material

### PVC (Polyvinyl chloride)

PVC is the most economical material. It has good chemical resistance, which increases with thickness; has a low melting temperature of 160°C / 320°F which allows for heat welding seams to form unibody garments; has low tensile strength and is easy to tear and puncture if not impregnated with a supporting fabric. Rainwear described as "PVC" denotes an unsupported PVC fabric (generally disposable); "PVC/POLY" denotes a supported fabric backing that has been "Skimmed" (Pressed) onto the PVC film that gives tensile support to resist tearing; and "PVC/POLY/PVC" denotes a supported fabric backing that is "Sandwiched" between two PVC film layers to give maximum tensile support as well as reduce risk of delamination from exposure to acids, fats, and oils. Produced in thicknesses from .20mm to .65mm, thicker garments offer superior durability and chemical protection, with industrial grade being .45mm. PVC rainwear offers the highest level of waterproof, windproof, and splash protection, and is easy to clean. PVC garments are designed for low to mild risk industries, and depending on garment thickness, can be used as a disposable garment or as a heavy-duty garment.

The downside to PVC rainwear is that it is heavy, and rigid in feel. PVC rainwear should feel pliable to the touch. Hardness is an indicator that the material has fillers in it, which are cheaper but also significantly impact the durability (they will degrade faster from sun and chemical exposure), as well as their tensile strength (tearing and puncture). Backing fabrics should also be examined, with tighter woven fibers being superior to loose threads. If you can see through the backing, most likely it will tear easily.

### PU (Polyurethane)

An alternative for PVC which is 100% waterproof and provides splash protection. Polyurethane is a more expensive material, PU has fair chemical resistance which increases with thickness, has a low melting point of 240°C / 464°F which allows for heat welding seams to form unibody garments, and its porous property gives it varying degrees of breathability. PU is a very soft material that requires a supportive fabric backing, is lighter in weight than PVC and stretches easily, but has low abrasion resistance.

The downside to PU rainwear is that it is very soft with low tensile strength, so it will tear easily. PU is a porous material, and when it stretches can open these pores allowing water to absorb through (most common on pant seat). PU garments are designed for low risk, light duty use. High quality fabric backing can be used to restrict stretching, increasing the fabric's waterproofness while also allowing for higher levels of breathability. Generally these fabrics are more than double the cost of basic PU garments.

### Neoprene

Specialized fabrics produced with materials like Neoprene offer similar properties as PVC (above) with superior chemical, thermal, and abrasion resistance. These are uniquely designed for chemical plants, mining and oil refineries. These are generally the most expensive of the polymer film garments.

### Nylon

Nylon is one of the strongest fibers, with high tensile, tear and puncture resistance. Fabrics with thread thicknesses of 300D – 420D (Denier) are used in high impact industries like forestry, lumber yards, metal shops due to their high resistance to tearing and puncture. Nylons are 20% - 25% more expensive than polyesters, are stiffer in feel, and classified as medium weight. Nylons do not hold dyes very well; as such they cannot meet the high visibility requirements of CSA or ANSI retroreflective materials.

### Polyester

Polyester has excellent dye retention and is the fabric of choice in the high visibility market. Polyester is lighter in weight, with low tensile, tear and puncture resistance. Given the weakness of polyester fabric, Viking® designed our Tri-lobal fabric that more than quadruples the tensile, tear and puncture resistance of oxford polyester (flat weave). Tri-lobal polyester will meet the durability needs of construction, mining, and forestry industries.

## How does it keep me dry and warm?

### How does woven fabric become waterproof?

In order for a woven fabric to become waterproof, or waterproof/breathable, a spray coating or a laminated film of PU or PVC is applied to create a barrier that droplets of water cannot pass through (waterproof).

### PVC-coated

PVC coating offers superior waterproofness as it is solid and non-porous (generally over 10,000 mm w.c. (withstands 14 psi or 980 mbar of hydrostatic water pressure), with zero breathability. PVC coated wovens are typically designed for climates between -5°C to +18°C with high precipitation and winds, in heavy-duty applications.

### PU-coated

PU-coated wovens are frequently mislabelled as Waterproof/Breathable, as PU is a porous film. All PU coatings will demonstrate some level of breathability when tested, however depending on the quality of PU, as well as the coating methodology, the Water Vapour Transmission level can be as low as 300 g/m<sup>2</sup>/24 hours, whereas the industry expectation for breathability is a minimum of 5,000 g/m<sup>2</sup>/24 hours. PU coatings are applied in layers with waterproofness increasing with the number of coatings, waterproof PU coated wovens should be able to resist water penetration under a Hydrostatic Water Pressure test of a minimum of 7 psi, or 490 mbar.

**All coated wovens must be tape sealed on the seams to prevent water from penetrating through the sewn fabric layers.**

## Things to consider when looking for a waterproof woven-coated garment

All coated wovens must be tape sealed on the seams to prevent water from penetrating through the sewn fabric layers—this can be the weakest point in a waterproof garment where either taping is not 100%, or abrasion wear slowly delaminates or abrades the tape layer.

### Collar seam line

The collar seam line has many seams joining into the neck, as well as being an area of open exposure during tempest conditions. (All Viking® hoods are built ½" longer in the backs to cover the collar seams when bending forward.)

### Shoulder seams

This is an area of high abrasion and friction. (All Viking® jackets have been converted to "Raglan" shoulder designs to move the arm and shoulder seams to the chest front and back.)

## Laminated Fabrics for Splash Protection



- Cost-effective design for low risk industries
- Lightweight; low tensile strength
- 0.45mm offer high level chemical protection
- Easy to clean
- Typical industries: agriculture, fishing, construction



- In addition to the above . . .
- Sandwich laminated fabrics offer superior resistance to delamination from exposure to fish oil or caustic acids
- Typical industries: fish and animal processing



- High level chemical splash protection
- Exceptional level of resistance to fuel oil, fats, and acid
- Superior tensile strength in puncture and abrasion
- Typical industries: mining, chemical manufacturing and oil industry

## Woven Fabrics for Rugged Industries



- Medium weight, lowest dye retention
- 100% Waterproof when coated with PVC or PU
- Highest level of tensile strength
- Difficult to tear, cut or puncture
- Typical industries: mining, forestry, and lumber yards



- Lightweight, flexible, and soft
- 100% Waterproof when coated with PVC or PU
- Low tensile strength
- Typical industries: traffic control, low contact risk industries for vest, shirts, and hoodies



- Lightweight, flexible, and durable
- 300D Trilobal has superior abrasion, puncture, and tear resistance
- Typical industries: traffic control, construction, forestry, mining

## Viking Professional® & Extreme Weather

### Viking Professional®

Viking Professional® garments are made with our Trilobal polyester fabrics, providing a higher level of abrasion, tear and puncture resistance expected from professional tradespeople looking for durability, lightweight, and comfort. We offer waterproof and waterproof/breathable versions of this fabric, with all garments embellished with extra pockets/zips, reinforced and bar-tacked seams, and most have our extreme weather Stormblaster® hood system.



Professional series

### Extreme Weather

Professional series outerwear should not be confused with Extreme Weather outerwear as our 300 Trilobal fabrics are all PU-coated (polyurethane) and offer waterproof resistance in the 7 to 10 PSI range. In environments, mostly coastal, where wet weather can be accompanied by high winds (20 mph+), no PU coating can withstand the increased hydrostatic pressure brought on by the wind. For those workers facing extreme wind/rain elements, we highly recommend they use PVC-coated fabrics, as PVC has over double the hydrostatic pressure resistance and will keep the wearer dry. Throughout our catalogue you will see notations regarding options of PVC coating we offer on styles geared toward extreme wet conditions.



Extreme Weather



- Waterproof or waterproof/breathable
- Reinforced seams
- Lightweight and flexible
- Trilobal polyester fabric
- Highly resistant against abrasion, tear, and puncture



- 100% Waterproof material
- Designed for extreme weather conditions
- Light protection against abrasion, tear, and puncture







35100

## Open Road® Light Industrial

- Industrial quality 0.30mm PVC/Polyester/PVC material
- Low-cost, lightweight, semi-disposable garment
- Fair chemical splash protection
- Welded and stitched seams for durability
- Waterproof and windproof
- Sold as a 3-piece suit

### Jacket

- Detachable hood with adjustable drawstring
- Cotton corduroy collar for comfort
- Cooling vents behind jacket and underneath arms
- 2 large storage pockets outside
- Wrist snap adjusters

### Bib Pants

- Elastic suspenders
- Adjustable waist snap panel
- Snap fly access
- Boot cuff snap adjusters

Size S - 3XL



L 2 x Coated PVC



2120BK

2337

## Open Road® Light Industrial Long Coat

- Industrial quality 0.35mm PVC/Polyester/PVC material
- For the convenience of wearing over shirts, pants and footwear providing full body protection from rain, industrial liquids such as chemicals, animal fats and motor oil with the ease of taking the coat off when finished
- Detachable hood with adjustable drawstring
- Welded and stitched seams for durability
- Waterproof and windproof
- Cotton corduroy collar for comfort
- Cooling vents behind coat and underneath arms
- 2 large storage pockets outside
- Adjustable wrist snaps
- ¾ Length for superior foul weather protection
- Hood included; 2 pieces packaged in a clear pouch
- 2120BK has a slit at the back up to the waist with snap closure

Size S - 3XL



L 2 x Coated PVC

Viking Handyman®

- Industrial quality 0.35mm PVC/Polyester/PVC material
- Light to medium risk chemical splash protection
- Good chemical protection against acids, animal fats, and motor oils
- Reusable, durable construction
- Welded and stitched seams for durability
- Waterproof and windproof
- Generous sizing for comfort and mobility
- Sold as a 3-piece suit
- Packaged in a clear pouch

Jacket

- Detachable hood with adjustable drawstring
- Cotton corduroy collar for comfort
- Cooling vents behind jacket and underneath arms on the side
- 2 large storage pockets outside

Bib Pants

- Elastic suspenders
- Adjustable waist snap panel
- Snap fly access
- Snap adjustable boot cuffs

Size S - 3XL



L 2 x Coated PVC



Viking Journeyman®

- Premium 0.45mm PVC/polyester material
- Medium to heavy risk chemical splash protection
- Excellent chemical protection against acids, animal fats, and motor oils
- Solid construction provides maximum wind and water protection
- Welded and stitched seams for durability
- Waterproof and windproof

Jacket

- Multiple cooling vents
- Heavy-duty chrome plated brass snaps and a dual button snap closure system
- Cotton corduroy collar for comfort
- Hood sold separately

Hooded Jacket

- Heavy-duty chrome plated brass snaps and a dual button snap closure system
- Hood attached to jacket

Bib Pants

- Heavy-duty elastic suspenders and reversible bib
- Adjustable waist panel
- Large zip pocket and pen holder behind bib

4110J available in XS - 5XL  
4110P available in XS - 4XL

Size S - 3XL



L PVC







3110P

3125J

## Viking® Norseman® Jacket and Bib Pants

- Ideal for fish/food processing as tough, sandwich fabric will not delaminate with exposure to animal or fish oil
- Tough 0.45mm PVC/Polyester/PVC flexible fabric material providing superior resistance to delamination
- Welded and stitched seams for durability
- Waterproof and windproof
- Medium to heavy risk chemical splash protection
- Excellent chemical protection against acids, animal fats, and motor oils
- Good protection against foul weather wind and cold protection
- Adjustable hood attached to jacket
- Adjustable waist panel
- Heavy-duty elastic suspenders, and reversible bib
- Heavy-duty chrome plated brass snaps and a dual button snap closure system

Size **S - 3XL**



6210P

6210J

6212

## Viking Journeyman®

- Ideal for fish/food processing as tough, sandwich fabric will not delaminate with exposure to animal or fish oil
- Tough 0.45mm PVC/Polyester/PVC material; superior resistance to delamination
- Medium to heavy risk chemical splash protection
- Excellent chemical protection against acids, animal fats, and motor oils
- Good protection against foul weather wind, and cold protection
- Waterproof and windproof
- 2" prism reflective safety stripes
- Generously sized for working comfort
- Double welded and stitched seams for durability

### Jacket

- Dual button snap closure system
- Vented back for breathability
- Cotton corduroy collar for comfort
- Hood (6212) sold separately

### Bib Pants

- Heavy-duty elastic suspenders
- Reversible bib design
- Adjustable waist panel for ease of entry
- Large zip pocket, and pen holder behind bib

6210P available in S - 3XL

Size **S - 4XL**



## SPLASH PROTECTION GARMENTS

### Viking® Bristol Bay

- Heavy-duty 0.75mm PVC with 9 oz. cotton twill backing
- Excellent for chemical splash protection against acids, animal fats, and motor oils
- Resistant to the effects of sunlight and seawater
- Generous sizing for working comfort
- Double welded and stitched seams for durability
- Waterproof and windproof
- Heavy-duty chrome plated brass snaps

#### Jacket

- Double snap system on placket for extra rain and wind protection
- Neoprene stretch storm cuffs with nylon reinforcement
- Large visored hood with drawstring

#### Bib Pants

- Second 0.35mm layer of PVC/polyester welded on pants for extra wear resistance
- Adjustable waist panel
- Heavy-duty elastic suspenders

8125J, & 8110P  
available in S - 3XL

Size **S - 2XL**



**L** 2 x Coated  
PVC



## RUGGED INDUSTRIAL GARMENTS

### Open Road® 150D

- Heavy-duty 150 denier recreational ripstop polyester with PVC backing
- Sold as a 3-piece suit
- Double stitched, taped, and heat-sealed seams to maximize waterproofness
- Waterproof and windproof

#### Jacket

- Multiple front and back vents for breathability
- Adjustable wrists
- Cotton corduroy collar
- 2 large pockets
- Detachable and adjustable hood

#### Bib Pants

- Adjustable quick release buckle on elastic suspenders
- Fly access with hook-and-loop closure
- Adjustable cuffs with hook-and-loop fasteners
- Generously sized protective bib with elastic waist

#### Also available in the US: Jacket and Bib Pants Sold Separately

- 2910JG and 2910JY: Jacket is attached with hood, and does not feature a corduroy collar
- 2910PG and 2910PY: Bib pants

US only:  
2910J, 2910P, 2900G  
available in S - 4XL

Size **S - 3XL**







### Viking Journeyman® 420D

- Perfect for high abrasion, snagging industries. Nylon fabric is superior in tear resistance. Ideal for forestry/lumber yard
- Heavy-duty 420 denier nylon with PVC backing gives superior resistance to cuts and snags
- Toughest fabric to resist punctures, rips, snags, and abrasions
- Double-stitched, taped, and heat-sealed seams to maximize waterproofness
- Waterproof and windproof

#### Jacket

- Full mesh lining for breathability
- Fully lined detachable hood can be stuffed into fleece-lined collar
- Heavy-duty zipper covered with storm flap
- Reflective safety piping on front and back
- 4 vents on the front, and 4 vents on the back for breathability
- 2 large lined zipped pockets
- 1 inner chest zipped pocket
- Adjustable cuffs with hook-and-loop fasteners
- Embroidery zipper included

#### Bib Pants

- Detachable bib/waist design
- Heavy-duty adjustable quick release elastic suspenders
- Elasticized waist
- Zippered fly access with hook-and-loop flaps
- Fully lined for comfort
- 13" Boot zipper featuring flap closure and adjustable cuff with hook-and-loop fasteners for venting and easy access

3305J and 3307J  
available in S - 5XL

Size S - 4XL



### Viking Journeyman® 300D Trilobal

- Heavy-duty 300 denier Trilobal ripstop polyester with PU backing
- 2" Reflective safety strips
- Double-stitched, taped, and heat-sealed seams to maximize waterproofness
- Waterproof and windproof

#### Jacket

- Compliant with CSA Z96-15 Class 2 level 1
- Resistant to abrasion, puncture, rips, and snags
- Flexible in sub-zero conditions
- Multiple vents, and full mesh lining
- 2 front pockets, and 1 chest cell pocket
- Fleece lined collar for comfort
- Detachable and adjustable lined hood
- Hood (3010H) sold separately

#### Bib Pants

- Compliant with CSA Z96-15 Class 2 level 1
- Detachable bib design
- Heavy-duty adjustable elastic suspenders with quick release buckle
- Elasticized waist
- Zippered fly access with hook-and-loop flaps
- Fully lined for comfort
- 13" Boot zipper featuring flap closure and adjustable cuff with hook-and-loop fastener for venting and easy access

Size S - 4XL



## Viking Professional® THOR 300D Trilobal

- Tough 300 denier Trilobal rip-stop polyester
- Fully taped and heat-sealed seams
- Lighter weight, with superior durability, abrasion- and tear-resistant ripstop fabric
- Double-stitched, taped, and heat-sealed seams to maximize waterproofness
- Waterproof/breathable and windproof

### Jacket

- Waterproof pit zip vents with mesh lining
- Heavy-duty zipper with double overlapping storm flap for weather protection
- Safety reflective piping in front and back
- Adjustable wrist with hook-and-loop fasteners to seal out rain and wind
- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Embroidery zipper included
- 2 front pockets, 1 chest pocket, and 1 inner pocket
- 3-in-1 zipper and snaps system is compatible with Viking® 402NB or 408BK jacket and becomes 3-in-1 stroller jacket

### Bib Pants

- Double layer kvelcrones with knee pad access/drain hole
- 7 assorted size tool pockets with rivets on corners for strength
- Waterproof fly access zipper
- 2 storage pockets and pen holder on bib
- 13" boot zip featuring adjustable cuff with hook-and-loop fasteners for venting and easy access
- Heavy-duty adjustable elastic suspenders with quick release buckle
- Hammer/ tool hold loops on hip and rear pocket
- Adjustable waist
- Cargo pocket

*Professional*

Size S - 3XL

**BREATHABILITY**  
8,500g/m<sup>2</sup>/24 hours breathable

**STORMBLASTER**

**V-TECH** • Waterproof Breathable

**WATERPROOF**  
10,200mm

**Trilobal Polyester**

**3 IN 1 System**



3910PB

3910JB

## COVERALLS

### Open Road® Coveralls

- Lightweight 220 gsm (7oz/yd<sup>2</sup>) 65/35 poly/cotton fabric
- Designed with strong zippers and reinforced hemstitching to increase washing performance and wear resistance
- Constructed with a two-way breakaway front brass zipper and exterior storm flap closure for safety
- Back and crotch gusseted for ease of movement and maximum comfort
- Back waist is elasticized
- Anti-Puncture Pocket (APP) technology with reinforced stitching to prevent sharp objects from puncturing through
- 2 front upper pockets, 2 large rear pockets, 2 lower front pockets, and 2 pass through pockets
- Tool pocket on right leg with hammer loop
- Left sleeve pencil pocket
- Ultraviolet Protection Factor 50+ Rating (UPF)

Regular

Size XS - 4XL

Tall

Size LT - 3XLT

**UPF 50+**

**APP** ANTI-POCKET PUNCTURE PROTECTION



ORC10N



**VC20BK****VC20N****VC30O**

### Viking® Coveralls

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Durable 270 gsm (8 oz/yd<sup>2</sup>) 65/35 poly/cotton fabric provides superior abrasion and tear resistance
- Fully featured design with strong zippers and reinforced hemstitching to increase washing performance and wear resistance
- Constructed with a two-way breakaway front brass zipper and exterior storm flap closure for safety
- Back and crotch gusseted for ease of movement and maximum comfort
- Back waist is elasticized
- Anti-Puncture Pocket (APP) technology with reinforced stitching to prevent sharp objects from puncturing through
- 2 front upper pockets, 2 large rear pockets, 2 lower front pockets, and 2 pass through pockets
- Dual reflective chest straps
- Tool pocket on right leg with hammer loop
- Left sleeve pencil pocket
- Heavy-duty 18" brass boot zipper for venting and easy access
- Ultraviolet Protection Factor 50+ Rating (UPF)

Regular

Size **XS - 4XL**

Tall

Size **LT - 3XLT****UPF 50+**

## OVERALLS

**VC40N****VC40O**

### Viking® Overalls

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Durable 270 gsm (8 oz/yd<sup>2</sup>) 65/35 poly/cotton fabric provides superior abrasion and tear resistance
- Extra strong front brass #5 tooth self locking zipper
- Anti-Puncture Pocket (APP) technology with reinforced stitching to prevent sharp objects from puncturing through
- Fully hemstitched seams eliminates unravelling
- Gusseted crotch for added mobility and maximum comfort
- 2 Front upper pockets, 2 large back pockets with reinforced bartacked corners
- Tool pocket on right leg with hammer loop
- 2 lower front pockets and 2 pass-through pockets
- Silver reflective suspender with quick release buckle
- Heavy-duty 18" brass boot zipper for venting and easy access
- Ultraviolet Protection Factor 50+ Rating (UPF)

Size **S - 4XL****UPF 50+**

## INSULATED COVERALLS

### Viking® Insulated Coveralls

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Lightweight 220 GSM ThermoMAXX® insulation provides warmth up to -30°C/-22°F
- 270 GSM (8 oz/yd²) 65/35 poly/cotton fabric provides superior abrasion and tear resistance
- Insulated detachable hood
- Fully featured design with strong zippers and reinforced hemstitching to increase washing performance and wear resistance
- Constructed with a two-way breakaway front brass zipper and exterior storm flap closure for safety
- Back and crotch gusseted for ease of movement and maximum comfort
- Anti-Puncture Pocket (APP) technology with reinforced stitching to prevent sharp objects from puncturing through
- Back waist is elasticized
- Dual reflective chest straps
- 2 Front upper pockets, 2 large lower front pockets, 2 large rear pockets
- Tool pocket on right leg with hammer loop
- Heavy duty 18" brass boot zipper for easy access, 7" internal kick panel
- Left sleeve pencil pocket
- Ultraviolet Protection Factor 50+ Rating (UPF)



Regular

Size S - 3XL

Tall

Size LT - 2XLT



VC50N

VC50O

## INSULATED PARKA

### Viking® Insulated Parka

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 280 gsm ThermoMAXX® insulation provides warmth up to -50°C/-60°F
- 270 gsm (8 oz/yd²) 65/35 poly/cotton fabric provides superior abrasion and tear resistance
- Insulated detachable hood
- Fully hemstitched seams eliminates unravelling
- Constructed with a two-way YKK® #8 front zipper and exterior storm flap closure
- Dual reflective chest straps
- 2 Front upper pockets, 2 large lower front pockets, and 1 inner chest pocket
- Left sleeve pencil pocket
- Ultraviolet Protection Factor 50+ Rating (UPF)



VC50JN

VC50JO

Size S - 4XL





VC50PN



VC50PO

### Viking® Insulated Overalls

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 280 gsm ThermoMAXX® insulation provides warmth up to -50°C/-60°F
- 270 gsm (8 oz/yd²) 65/35 poly/cotton fabric provides superior abrasion and tear resistance
- Extra strong front YKK® #8 zipper
- Anti-Puncture Pocket (APP) technology with reinforced stitching to prevent sharp objects from puncturing through
- Fully hemstitched seams eliminates unravelling
- Gusseted crotch for added mobility and maximum comfort
- 2 Front upper pockets, 2 lower front pockets, and 2 large back pockets with reinforced bartacked corners
- Tool pocket on right leg with hammer loop
- Silver reflective suspender with quick release buckle
- Heavy-duty 18" YKK® #8 boot zipper for venting, and easy access, with 7" internal kick panel
- Ultraviolet Protection Factor 50+ Rating (UPF)



Size S - 4XL



# HIGH VISIBILITY HEAVY-DUTY HIGH TECHNOLOGY

## High Visibility Standard: CSA Z96-15

Hi-Vis apparel is a function of two parts—retroreflective striping (most common is silver tape), and luminance of background material (generally fluorescent yellow-green or fluorescent orange-red).

### Classes

#### Class 1

Apparel is a basic harness or stripes/bands over the shoulder and encircling the waist (stripes/bands only meet CSA/ANSI standard). Can be Level 1, 2, and FR retroreflection.

#### Class 2

Apparel is full coverage of upper torso—front, back, sides and over the shoulder (stripes/bands and background fabric both meet CSA/ANSI standard). Can be Level 1, 2, and FR retroreflection.

#### Class 3

Apparel is Class 2 apparel in addition to bands encircling both arms and legs (all stripes/bands and background fabric meet CSA/ANSI standard). Must have Level 2 retroreflection.

### Levels

#### Level FR

This level allows for flame resistant garments with striping/bands where the total retroreflective level is at 20% of the level 2 requirement (FR treated fabrics lose lustre after treatment).

#### Level 1

Level 1 is a slightly lower performance level of the striping, but still requires the background material to meet CSA/ANSI Standards. Retroreflective level is at 70% of the Level 2 requirement.

#### Level 2

Level 2 is the highest level of retroreflection and requires the background fabric to meet CSA/ANSI standards as well as the striping/bands to meet the highest coefficient level (the brightest level).

## Difference: Canada and USA Standards



**Canada**  
back configuration



**USA**  
back configuration

## High Visibility Standard: ANSI/ISEA 107-2015

This new standard combines the requirements of ANSI/ISEA 107-2010 and ANSI/ISEA 207, creating one standard that takes all occupational tasks into account.

### Three Garment Types

The new garment types categorize hi-vis garments according to the different work environments of specific workers. When garment types are combined with the existing performance classes (1, 2, and 3), this new standard gives safety managers a larger variety of protection levels that considers more hazards.

Garment Type	Application	Performance Class
O	Off-Road Use	Class 1
R	Roadway Use	Class 2 & 3
P	Public Safety	Class 2 & 3

### Balance of Design & Logo Personalization

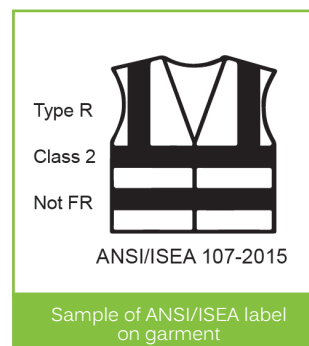
To maintain the balance in design, at least 40% of both the front and back of garments have retroreflective or combined-performance and background materials.

This new standard also permits company logos or any personalization to be part of a garment without compromising the total background area of the garment according to the following criteria:

- Personalization on background material should not exceed a total of 465 cm<sup>2</sup> or 72 in<sup>2</sup> on the front and/or back of the garment.
- Personalization on retroreflective material should not exceed a total of 142 cm<sup>2</sup> or 22 in<sup>2</sup> on the front and/or back of the garment.

### Flame-Resistant Performance Labeling

All Viking® and Open Road® ANSI/ISEA 2015 garments will be labelled to indicate flame resistance. Garments made from non-inherent flame resistant material or those not designed to meet FR standards will be differentiated on garment label by the following statement: "This garment is not flame resistant by ANSI/ISEA 107-2015 Section 10.5"







## Fabric

### Polyester

Polyester fabrics will meet the CSA/ANSI requirements for Class 1, 2 and 3 garments, and are the most widely used.

### Nylon

Nylon fabrics will not pass due to the dye running from washing.

### FR-Treated PVC and PU Polymer

FR-treated PVC and PU polymer film garments can achieve Class 1 (much higher grade Yellow/green PU fabrics "could" meet Class 2). With FR treated PU and PVC it is next to impossible to meet the "y" chromaticity coordinate requirements (ask for a test report if you are unsure).

It can be very difficult to verify if a Hi-Vis garment actually meets both the background and striping retroreflection requirements. Both CSA and ANSI require minimum testing results in original state as well as after 5 washes – it is highly recommended that you ask your provider for the appropriate independent test reports of the fabric and the tape in both original state and after 5 washes.

## Vi-brance® Tape

Working with our innovative suppliers, Viking® introduces its own reflective material. Vi-brance® reflective material has been independently tested to meet CSA / ANSI requirements. Vi-brance® meets CSA-Z96-15 / ANSI 107-2015 standards. You can rely on Viking®'s Vi-brance® reflective material to keep you safe and visible.



## Working under the Sun

### Hazards of Sunlight

A major source of Ultraviolet (UV) radiation, has a wide range of positive health effects but, long-term sunlight exposure is known to be associated with the development of skin cancer, skin aging, immune suppression and eye diseases such as cataracts.

### Sunburnt (Erythema)

The best-known acute effect of excessive UV radiation exposure. The severity of the effect depends on the wavelength, intensity, and duration of exposure.

Over the longer term, UV radiation induces degenerative changes in cells of the skin, fibrous tissue and blood vessels leading to premature skin aging, photodermatoses and actinic keratoses. Another long-term effect is an inflammatory reaction of the eye. In the most serious cases, skin cancer and cataracts can occur.

All personnel working outside should be prepared to protect themselves from over exposure of ultraviolet radiation.

## Ratings

### UPF

UPF stands for Ultraviolet Protection Factor. It is the ratio of the average effective ultraviolet radiation (UVR) irradiance transmitted and calculated through air to the average effective UVR irradiance transmitted and calculated through fabric. It is the amount of ultraviolet radiation that a fabric blocks. Fabrics are tested for UPF ratings.

The following fabric qualities contribute to the chances that a particular garment will have a good UPF rating:

- Darkness of color
- Tightness of weave
- Fiber Thickness – Heavier is better
- Resilience / stretch ability

UPF Rating	UV Protection	Blocks
UPF 15 - 24	Good	93.3% - 95.9% of UV radiation
UPF 25 - 39	Very Good	96% - 97.4% of UV radiation
UPF 40 - 50+	Excellent	97.5% of UV radiation

The UPF ratings for the level of protection found in the fabrics are classified by ASTM International as follows: These ratings comply with AS/NZS 4399 Australian/New Zealand Standard for Sun Protective Clothing, tested under AATCC Test Method 183.

Most garments of a weight of 280gsm or higher should achieve UPF 50.

### Viking® UPF 50+

Garments use specially treated pre-washed fabrics that blocks 97.5% of UV radiation in regular as well as lighter weight garments like T-shirts. The protection will not wash out with normal wear and care.



## Open Road® “BTE” Vest

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes Class 3 when combined with the right model arm and leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Fluorescent mesh fabric
- Front hook-and-loop closure
- Dual reflective chest straps
- Machine washable



6110O



6110G

Size S/M - 4XL/5XL



## Open Road® 5pt. Tear Away Vest

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- Polyester mesh tape configuration meets WCB requirements
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Safety D-ring slot access
- 5-point hook-and-loop tear away design and 4 front pockets
- Dual reflective chest straps
- Adjustable waist band



6115O



6115G

Size Fits all







### Open Road® Surveyor Vest

- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 150 Denier polyester twill material with double hemstitched pockets and seams to increase wear resistance from washing
- Built to last heavy-duty brass snaps and grommets
- Mesh side vents
- Dual reflective chest straps
- Cell/radio pocket with hook-and-loop fastener
- Safety D-ring slot access on back
- 14" zippered pack across entire back area
- 8 pockets with hook-and-loop fasteners (5 outside; 3 inside)
- Brass grommets on lower front pockets for surveyor tape dispenser
- Long ruler slot pocket on left back

#### 6165O & 6165G

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes Class 3 when combined with the right model arm and leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR

#### 6165BK & 6165R

- Fully compliant with CSA Z96-15 Class 1 Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR

Size S - 4XL



### Viking® 5pt. Tear Away Safety Vest

- Fully compliant with CSA Z96-15 Class 2, Level 2 becomes CSA Class 3 in combination with right model arm and leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Safety D-ring slot access
- 5-point hook-and-loop tear away design
- 4 front pockets
- Dual reflective chest straps

#### 6125

- Soft breathable mesh polyester vest material

#### 6135

- Solid polyester material for added coverage

Size S/M - 4XL/5XL



## Viking® Surveyor Safety Vest

- Fully compliant with CSA Z96-15 Class 2, Level 2 becomes CSA Class 3 in combination with right model arm and leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/ Worksafe/DOT configuration
- All seams are overlapping, multilayered hemstitched for triple the resistance to seam slippage, and extra durable pocket strength
- Built to last with quality, heavy-duty brass snaps and grommets
- Safety D-ring slot access
- Dual reflective chest straps
- Brass grommets on lower front pockets for surveyor tape dispenser
- 14" zippered pack across entire back area
- 8 pockets with hook-and-loop fasteners, 1 cell/radio phone sealed pouch, and 4 other pockets
- Long ruler slot pocket on left back
- Mesh side vents



6195O

6195G

5XL available for booking

Size S - 4XL



## Viking® All-Trades 1000D® Surveyor Safety Vest

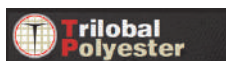
- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- High abrasion, snagging industries due to superior tear resistance of 1000 denier fibers. Ideal for forestry, lumber yard, and construction
- 2" Vi-brance® reflective tape in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Made from heavy-duty 1000 denier polyester fabric to withstand damages caused by rips, punctures and snags in industrial use
- Double stitched tape and background for superior durability
- Heavy-duty front tooth zipper closure
- 4 Large storage pockets with hook-and-loop fasteners, and 4 inside pockets
- Cell/radio pouch pocket
- 11" zippered pack across entire back area
- Back pouch with hook-and-loop fastener
- Dual reflective chest straps
- Viking Professional® All-Trades 1000D® red vest offers multiple features that are well suited for geologists, foresters, conservation officers, surveyors, construction workers, etc.



4915R

*Professional*

Size S - 4XL







6005O 6005G



6006O 6006G

### Viking® Safety T-Shirt

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 in combination with the right model arm and leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Premium soft polyester fabric in fluorescent CSA and ANSI colours
- Left chest cell phone pocket with hook-and-loop fastener, and pen slot
- Dual reflective chest straps

#### 6005

- Safety mesh T-shirt
- V-neck style

#### 6006

- Safety double layered mesh T-shirt
- Crew neck style

6005G available in XS  
6006G and 6006O  
available in S-3XL

Size S - 5XL



6000O

6000G

6000N

### Viking® Safety Cotton Lined T-shirt

- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Dual layer construction of a cotton back and an outer polyester layer provide superior comfort and breathability while decreasing irritation
- Dual reflective chest straps
- Pocket with hook-and-loop fastener on left side of chest
- UPF (Ultraviolet Protection Factor) rating of 50+ blocks 98% of UV radiation from passing through the shirt

#### 6000O & 6000G

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 in combination with the right model arm and leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR

#### 6000N

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR

Size S - 4XL



## Viking® Safety Cotton T-shirt

- Meets Ontario OHSA REGULATION 213/91 SEC.69.1 (1)
- 6002O comes with 2" silver heat transferred tapes on arms
- 2" Vertical heat transferred tape on front and diagonal "X" pattern on back
- 100% Pre-shrunk cotton T-shirt ensuring maximum breathability and comfort
- Reinforced back, neck and shoulder seams for increased durability
- Seamless ribbed neck
- UPF (Ultraviolet Protection Factor) rating of 50+ blocks 98% of UV radiation from passing through the shirt



Size S - 4XL

UPF 50+

## Viking® Safety Long Sleeve Shirt

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 when combined with right model leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Premium woven soft polyester solid fabric in fluorescent CSA and ANSI colours
- Left chest cell phone pocket with hook-and-loop fastener, and pen slot
- Dual reflective chest straps
- UPF (Ultraviolet Protection Factor) rating of 50+ blocks 98% of UV radiation from passing through the shirt



Size S - 4XL



UPF 50+



## Viking® Safety Cotton Lined Long Sleeve Shirt

- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Dual layers of a cotton back and an outer polyester layer provide superior comfort and breathability while decreasing irritation
- Dual reflective chest straps
- Pocket with hook-and-loop fastener on left side of chest
- UPF (Ultraviolet Protection Factor) rating of 50+ blocks 98% of UV radiation from passing through the shirt

### 6015O & 6015G

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 in combination with the right model leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR

### 6015N

- Fully compliant with CSA Z96-15 Class 1 Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR

Size S - 4XL



## Viking® Safety Cotton Long Sleeve Shirt

- Meets Ontario OHSA REGULATION 213/91 SEC.69.1 (1) (4)
- 6017O comes with 2" silver heat transferred tapes on arms
- 2" Vertical heat transferred tape on front and diagonal "X" pattern on back
- 100% Pre-shrunk cotton long sleeve shirt offering maximum breathability and comfort
- Reinforced back, neck and shoulder seams for increased durability
- UPF (Ultraviolet Protection Factor) rating of 50+ blocks 98% of UV radiation from passing through the shirt
- Seamless ribbed neck and cuff

Size S - 4XL





## HI-VIS SAFETY HOODIE (CANADA)

### Viking® Safety Fleece Hoodie

- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Premium knitted polyester fleece for warmth and breathability
- Anti-pill, warm, quick-drying 260 gsm polyester
- Warm full-size hood with drawstring adjusters
- Dual reflective chest straps
- Taffeta-lined sleeves
- 2 front storage pockets
- Cell phone pocket on left side of chest
- Comfort snug elastic wrist and waistband
- Tear away detachable hood
- UPF (Ultraviolet Protection Factor) rating of 50+ blocks 98% of UV radiation from passing through the shirt

#### 6420JO & 6420JG

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 in combination with the right model leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR

#### 6420BK

- Fully compliant with CSA Z96-15 Class 1 Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR

6420JG available in  
XS - 4XL

Size S - 4XL



## HI-VIS SAFETY RAINWEAR (CANADA)

### Open Road® 150D

- Fully compliant with CSA Z96-15 Class 2 Level 2, becomes Class 3 when worn as a suit
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 150 Denier Trilobal rip-stop polyester/PU material light weight and flexible even in cold conditions
- Double sewn, taped and heat-sealed seams
- Waterproof and windproof
- Generous sizing for working comfort and ventilation

#### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Adjustable wrists cuffs
- Detachable snap-off hood
- Multi-vented front and back for breathability
- Dual reflective chest straps
- Mesh lining on inside upper back for added comfort
- 2 sealed outside pockets

#### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Attached bib pants with elasticized waist, hook-and-loop fly access, elastic suspenders with quick release buckle, and adjustable boot cuffs

#### Waist Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Pass-through pockets, and adjustable boot cuffs
- Draw cord elasticized waist pants

6323WPG available in  
S - 3XL

Size S - 5XL





### Open Road® Insulated 150D

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 when worn as a suit
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 125 gsm ThermoMAXX® insulation good up to -30°C/-22°F
- Waterproof and windproof
- 150 Denier Trilobal rip-stop polyester/PU material light weight and flexible even in cold conditions

#### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Detachable insulated hood
- Micro-fleece lined collar for greater comfort
- Dual reflective chest straps
- Adjustable wrist cuffs with hook-and-loop fasteners
- 2 front patch pockets

#### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Adjustable suspender with quick release buckle
- Elasticized waist
- Adjustable boot cuffs with hook-and-loop fasteners



Size S - 4XL

### Viking® Safety Long Coat

- Fully compliant with CSA Z96-15 Class 3, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 150 Denier polyester/PU material light weight and flexible even in cold conditions
- Double sewn, taped and heat-sealed seams
- Waterproof and windproof
- Full-body protection from water with the convenience of wearing over shirts, pants, and footwear
- Multiple back vents for breathability
- Adjustable wrist cuffs
- Long coat features slit lower back with snaps
- Detachable snap-off hood
- Dual reflective chest straps



6326G

Size S - 3XL



## Viking Handyman® 300D

- Fully compliant with CSA Z96-15 Class 2 Level 2, becomes Class 3 when worn as a suit
- 100% Waterproof, and windproof
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 300 Denier polyester/PVC material gives good abrasion, puncture, rip and snag resistance, and flexibility even in sub-zero conditions
- Double sewn, taped and heat-sealed seams
- Generous sizing for working comfort and ventilation

### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Fully polyester mesh lined jacket with adjustable wrist cuffs
- Multi-vented on the front for breathability
- Dual reflective chest straps
- Detachable hood

### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Heavy-duty adjustable elastic suspenders with quick release buckles
- Elasticized waist
- Adjustable boot cuffs with hook-and-loop fasteners
- Fully lined for comfort
- 2 Reflective tapes in 4" contrasting material



Size S - 3XL



## Viking Professional® Journeyman 300D

- Fully compliant with CSA Z96-15 Class 2 Level 2, becomes Class 3 when worn as a suit
- 2" 3M Scotchlite® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Heavy-duty 300 denier Trilobal ripstop polyester with PU material gives superior abrasion, puncture, rip and snag resistance
- Double sewn, taped and heat sealed seams
- 100% Waterproof, and windproof
- Generous sizing for working comfort and ventilation

### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Fully lined jacket for comfort
- Front and back multi vents to keep you cool while working
- Generous cut for working mobility
- 2 Zippered storage front pockets and 1 chest pocket
- Dual reflective chest straps
- Double stitched tape and background for superior durability
- Detachable hood (6330HO/6330HO) sold separately in Canada

6330JG available in XS - 5XL

Size S - 5XL

### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Detachable bib design with inner zippered storage pocket
- Heavy-duty adjustable elastic suspenders with quick release buckles
- Elasticized waist with hook-and-loop fly access
- Fully lined for comfort
- 13" adjustable boot cuffs

6330PG available in XS - 4XL

Size S - 4XL

Professional







### Viking Journeyman® 300D Tri-Zone

- Fully compliant with CSA Z96-15 Class 2, Level 2, becomes CSA Class 3 when worn as a suit
- 2" **3M Scotchlite** reflective material in 4" contrasting tape on outer shell meets WCB/Worksafe/DOT configuration
- 3-in-1 all season safety design
- Heavy-duty 300 denier polyester/PVC material gives good resistance to abrasion, puncture, rips, and snags
- Double sewn, taped and heat sealed seams
- Waterproof, and windproof

#### Jacket & Inner Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Jacket shell fully lined for comfort
- Waterproof pit zip vents with mesh lining
- Inner jacket has 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 260 grams premium polyester inner safety jacket with detachable hood
- Double stitched tape and background for superior durability
- Flexible in sub-zero conditions
- Underarm vent zips provide breathability
- 2 front pockets and chest cell pocket
- Hoods (6330HG/O) sold separately in Canada
- Dual reflective chest straps

#### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- ThermoMaxx® 80 gsm polyfill insulated pants are lightweight and fully lined providing superior protection against cold weather up to -15°C/5°F without bulkiness
- Detachable bib design with inner zippered storage pocket
- 13" Boot zipper with flap closure and adjustable cuffs with hook-and-loop fasteners
- Heavy-duty adjustable elastic suspenders with quick release buckles
- Elasticized waist with hook-and-loop fly access
- Fully lined for comfort

6400JG & 6400PG  
available in XS - 4XL

Size S - 4XL



### Viking Professional® Arctic 300D Tri-Zone

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 when worn as a suit
- 2" **3M Scotchlite** reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Fully lined and insulated garment provides ultimate protection against cold weather, good for up to -30°C/-22°F
- Heavy-duty outer shell with 300 denier Trilobal rip-stop polyester with PU backing material gives superior abrasion, puncture, rip and snag resistance
- Double sewn, taped and heat sealed seams
- Waterproof, and windproof
- Generous sizing for working comfort and mobility

#### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Insulated Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Outer shell zips together with 125 gsm ThermoMAXX® insulated Ultimate ArcticLITE liner to become a 3-in-1 insulated system
- Ultimate ArcticLITE liner can also be worn by itself for protection up to -20°C/-4°F
- Waterproof pit zip vents with mesh lining
- Dual reflective chest straps
- Double stitched tape and background for superior durability

#### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- ThermoMaxx® 125 gsm polyfill insulated pants are light weight and fully lined providing superior protection against cold weather up to -30°C/-22°F without bulkiness.
- Attached bib with inner zippered storage pockets
- Back bib is lined and insulated to provide maximum comfort and warmth for your back
- 13" Boot zipper with flap closure and adjustable cuffs with hook-and-loop fasteners
- Heavy-duty adjustable elastic suspenders with quick release buckles
- Elasticized waist with hook-and-loop fly access

6410PO and 6410PG  
available in S - 3XL

Size S - 4XL



## Viking Professional® Freezer 300D Trilobal

- Fully compliant with CSA Z96-15 Class 2, Level 2, becomes CSA Class 3 when worn as a suit
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 250 gsm ThermoMAXX® Insulation good up to -50°C / -60°F
- Heavy-duty 300 denier Trilobal ripstop polyester with PU backing gives superior abrasion, puncture, rip and snag resistance
- Waterproof, and windproof

### Parka

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Insulated Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Warm and comfortable fleece collar
- #10 heavy duty tooth zipper with storm flap for weather protection
- Dual reflective chest straps
- Double stitched tape and background for superior durability
- Adjustable waist drawstring toggle for windproof
- 2 large storage pockets with hook-and-loop flap closure, and 1 inner chest pocket
- Adjustable wrist with double cuffs and hook-and-loop fasteners to seal out rain and wind
- Insulated 34" long parka for added warmth
- Embroidery zipper included

### Overalls

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Heavy-duty elastic suspenders with quick release buckle
- Insulated front and back upper bib
- Inner zippered pocket and front storage pocket on bib
- 2 side waist gussets for wind guard
- 2 front slash pockets
- 18" heavy duty boot zipper with 7" internal kick panel
- Zippered fly access
- Left side cargo pocket



Size S - 4XL



6450PO

6450PG



6450JO

6450JG

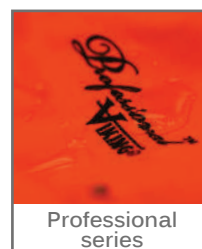
## Viking Professional® & Extreme Weather

Viking Professional® garments are made with our Trilobal polyester fabrics, providing a higher level of abrasion, tear and puncture resistance expected from professional tradespeople looking for durability, lightweight, and comfort. We offer waterproof and waterproof/breathable versions of this fabric, with all garments embellished with extra pockets/zips, reinforced and bar-tacked seams, and most have our extreme weather Stormblaster® hood system.

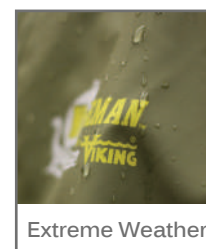
Professional series outerwear should not be confused with Extreme Weather outerwear as our 300 Trilobal fabrics are all PU-coated (polyurethane) and offer waterproof resistance in the 7 to 10 PSI range. In environments, mostly coastal, where wet weather can be accompanied by high winds (20 mph+), no PU coating can withstand the increased hydrostatic pressure brought on by the wind. For those workers facing extreme wind/rain elements, we highly recommend they use PVC-coated fabrics, as PVC has over double the hydrostatic pressure resistance and will keep the wearer dry. Throughout our catalogue you will see notations regarding options of PVC coating we offer on styles geared toward extreme wet conditions.



- Waterproof or waterproof/breathable
- Reinforced seams
- Lightweight and flexible
- Trilobal polyester fabric
- Highly resistant against abrasion, tear, and puncture
- Waterproof material
- Designed for extreme weather conditions
- Light protection against abrasion, tear, and puncture



Professional series



Extreme Weather

## High Visibility Safety Configurations



"D" Configuration



"U" Configuration



"X" Configuration



U.S.  
ONLY

U6110O



U.S.  
ONLY

U6110G

### Open Road® BTE Safety Vest

- Meets ANSI/ISEA 107-2015 Type R, Class 2, not FR
- 4" ANSI certified reflective tape with contrasting color
- "U" ANSI reflective striping configuration
- Fluorescent mesh fabric
- Front hook-and-loop closure
- Machine washable
- Dual chest straps

Size S/M - 4XL/5XL



U.S.  
ONLY

U6112O



U.S.  
ONLY

U6112G

### Open Road® Zipper Safety Vest

- Meets ANSI/ISEA 107-2015 Type R, Class 2, not FR
- 4" ANSI Class 2 certified reflective tape with contrasting color
- "U" ANSI reflective striping configuration
- Fluorescent mesh fabric
- Zippered front for a shirt-like feel
- 4 pockets with hook-and-loop closure
- Machine washable
- Dual chest straps

Size S - 5XL





## HI-VIS SAFETY VEST (USA)

### Open Road® Surveyor Vest

- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 150 Denier polyester twill material with double hemstitched pockets and seams to increase wear resistance from washing
- Built to last heavy-duty brass snaps and grommets
- Mesh side vents
- Dual reflective chest straps
- Cell/radio pocket with hook-and-loop fasteners
- Safety D-ring slot access on back
- 14" zippered pack across entire back area
- 8 pockets with hook-and-loop fasteners (5 outside; 3 inside)
- Brass grommets on lower front pockets for surveyor tape dispenser
- Long ruler slot pocket on left back

#### 6165O & 6165G

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes Class 3 when combined with the right model arm and leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR

#### 6165BK & 6165R

- Fully compliant with CSA Z96-15 Class 1 Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR



Size **S - 4XL**



### Viking® 5pt. Tear Away Safety Vest

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- "U" ANSI reflective striping configuration
- Safety D-ring slot access
- 5-point hook-and-loop tear away design
- 4 front pockets
- Dual chest straps

#### U6125

- Soft breathable mesh polyester vest material

#### U6135

- Solid polyester material for added coverage



U6135 is also available in 4XL/5XL

Size **S/M - 2XL/3XL**




U.S.  
ONLY

U6155O


U.S.  
ONLY

U6155G

### Viking® Class 3 Safety T-Vest

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- "U" ANSI reflective striping configuration
- 4 hook-and-loop closure pockets
- Front zipper closure
- Dual chest straps
- Machine washable

Size S - 5XL


U.S.  
ONLY

U6195O


U.S.  
ONLY

U6195G

### Viking® Surveyor Safety Vest

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, not FR
- "U" ANSI reflective striping configuration
- 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- All seams are overlapping, multilayered hemstitched for triple the resistance to seam slippage, and extra durable pocket strength
- Built to last with quality, heavy-duty brass snaps and grommets
- Safety D-ring slot access
- Dual reflective chest straps
- Brass grommets on lower front pockets for surveyor tape dispenser
- 14" zippered pack across entire back area
- 8 pockets with hook-and-loop fasteners, 1 cell/radio phone sealed pouch, and 4 other pockets
- Long ruler slot pocket on left back
- Mesh side vents

Size S - 5XL



## HI-VIS SAFETY VEST (USA)

### Viking® All-Trades 1000D® Surveyor Safety Vest

- Fully compliant with CSA Z96-15 Class 1, Level 2.
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR
- High abrasion, snagging industries due to superior tear resistance of 1000 denier fibers. Ideal for forestry, lumber yard, and construction
- 2" Vi-brance® reflective tape in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Made from heavy-duty 1000 denier polyester fabric to withstand damages caused by rips, punctures and snags in industrial use
- Double stitched tape and background for superior durability
- Heavy-duty front tooth zipper closure
- 4 Large Velcro-sealed storage pockets, and 4 inside pockets
- Cell/radio pouch pocket
- 11" zippered pack across entire back area
- Velcro-sealed back pouch
- Dual reflective chest straps
- Viking Professional® All-Trades 1000D® red vest offers multiple features that are well suited for geologists, foresters, conservation officers, surveyors, construction workers, etc.



4915R

*Professional*

Size S - 4XL



## HI-VIS SAFETY HOODIE (USA)

### Viking® Safety Fleece Hoodie

- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Premium knitted polyester fleece for warmth and breathability
- Anti-pill, warm, quick-drying 260 gsm polyester
- Warm full-size hood with drawstring adjusters
- Dual reflective chest straps
- Taffeta-lined sleeves
- 2 front storage pockets
- Cell phone pocket on left side of chest
- Comfort snug elastic wrist and waistband
- Tear away detachable hood
- UPF (Ultraviolet Protection Factor) rating of 50+ blocks 98% of UV radiation from passing through the shirt

#### 6420JO & 6420JG

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 in combination with the right model leg bands
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR

#### 6420BK

- Fully compliant with CSA Z96-15 Class 1 Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, not FR



6420JO

6420JG

6420BK

6420JG available in XS - 4XL

Size S - 4XL







### Open Road® 150D

- 2" Vi-brance® reflective tape
- High-tech and durable 150 Denier Trilobal rip-stop polyester/PU material lightweight and flexible even in cold conditions
- Double sewn, taped and heat-sealed seams
- Waterproof and windproof
- Generous sizing for working comfort and ventilation

#### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Adjustable wrists cuffs
- Hood snaps off
- Multi-vented front and back for breathability
- Dual chest straps
- "D" ANSI reflective striping configuration
- Cotton corduroy collar for comfort
- Mesh lining on inside upper back for added comfort
- 2 outside pockets with hook-and-loop fasteners

#### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Fully compliant with CSA Z96-15 Class 2, Level 2
- Attached bib pants with elasticized waist, elastic suspenders with quick release buckles, and adjustable boot cuffs

#### Waist Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Fully compliant with CSA Z96-15 Class 2, Level 2
- Pass-through pockets and adjustable boot cuffs
- Draw cord elasticized waist pants

D6323WPG available in  
S - 4XL

Size **S - 5XL**



### Viking Professional® Journeyman 300D

- Fully compliant with CSA Z96-15 Class 2 Level 2, and becomes Class 3 when worn as a suit
- 2" 3M Scotchlite® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Heavy-duty 300 denier Trilobal ripstop polyester with PU material gives superior abrasion, puncture, rip and snag resistance
- Double sewn, taped and heat sealed seams
- Waterproof, and windproof
- Generous sizing for working comfort and ventilation

#### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Fully lined jacket for comfort
- Front and back multi vents to keep you cool while working
- Generous cut for working mobility
- 2 Zippered storage front pockets and 1 chest pocket
- Dual chest straps
- Double stitched tape and background for superior durability

6330JG available in  
XS - 5XL

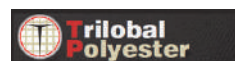
Size **S - 5XL**

#### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Detachable bib design with inner zippered storage pocket
- Heavy-duty adjustable elastic suspenders with quick release buckles
- Elasticized waist with hook-and-loop fly access
- Fully lined for comfort
- 13" adjustable boot cuffs

U6330PG available in  
XS - 4XL

Size **S - 4XL**



## Viking Journeyman® 300D Tri-Zone

- Fully compliant with CSA Z96-15 Class 2, Level 2, and becomes CSA Class 3 when worn as a suit.
- 2" **3M Scotchlite** reflective material in 4" contrasting tape on outer shell meets WCB/Worksafe/DOT configuration
- 3-in-1 all season safety design
- Heavy-duty 300 denier polyester/PVC material gives good resistance to abrasion, puncture, rips, and snags
- Double sewn, taped and heat sealed seams
- Waterproof, and windproof

### Jacket & Inner Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Jacket shell fully lined for comfort
- Waterproof pit zip vents with mesh lining
- Inner jacket has 2" Vi-brance® reflective safety material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 260 grams premium polyester inner safety jacket with detachable hood
- Double stitched tape and background for superior durability
- Flexible in sub-zero conditions
- Underarm vent zips provide breathability
- 2 front pockets and chest cell pocket
- Dual chest straps

### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- ThermoMaxx® 80 gsm polyfill insulated pants are lightweight and fully lined providing superior protection against cold weather up to -15°C/5°F without bulkiness
- Detachable bib design with inner zippered storage pocket
- 13" Boot zipper with flap closure and adjustable cuffs with hook-and-loop fasteners
- Heavy-duty adjustable elastic suspenders with quick release buckles
- Elasticized waist with hook-and-loop fly access
- Fully lined for comfort

U6400PO available in  
S - 3XL

Size **S - 4XL**



U.S. ONLY  
**U6400PO**  
**U6400PG**

**6400JO**

**6400JG**

## Viking Professional® Journeyman 300D Trilobal

- 2" Vi-brance® reflective tape
- 300 Denier Trilobal rip-stop polyester material with PU backing provides abrasion, puncture, rip, and snag resistance
- Waterproof, and windproof
- Premium material is flexible even in sub-zero temperatures
- Double sewn, taped and heat-sealed seams
- Generous sizing for comfort and ventilation
- Heavy-duty brass snaps

### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- "D" ANSI reflective striping configuration
- 3-in-1 zipper and snaps system is compatible with Viking® 402NB or 408BK liners
- 2 zippered outside pockets and additional inside pocket
- Multiple front and back vents for breathability
- D-ring slot
- Removable hood attached
- Dual chest straps
- Double stitched tape and background for superior durability

### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Fully compliant with CSA Z96-15 Class 2, Level 2
- Detachable bib with inside zipper pockets
- Heavy-duty adjustable elastic suspenders with quick release buckles
- 13" Boot zipper with flap closure and adjustable cuffs with hook-and-loop fasteners

### Waist Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Fully compliant with CSA Z96-15 Class 2, Level 2
- Draw cord elasticized waist adjuster with hook-and-loop fly access
- 13" Boot zipper with flap closure and adjustable cuffs with hook-and-loop fasteners



U.S. ONLY  
**D6329WPO**  
**D6329WPG**

U.S. ONLY  
**D6329PO**  
**D6329PG**

U.S. ONLY  
**D6329JO** **D6329JG** **D6335JG**

Size **S - 4XL**



U.S. ONLY  
3930WPO  
3930WPG



U.S. ONLY  
3930JO  
3930JG

### Viking Professional® THOR 300D Trilobal

- Fully compliant with CSA Z96-015 Class 2 Level 2
- 2" 3M Scotchlite® reflective material in 4" WCB/ Worksafe/DOT configuration
- Waterproof/breathable, and windproof
- 300 Denier Trilobal rip-stop polyester with PU backing material provides abrasion, puncture, rip, and snag resistance

#### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Fully mesh lined for comfort
- 2 Zippered storage pockets
- D-ring slot
- Underarm vent zips for breathability
- Dual chest straps
- Double stitched tape and background for superior durability
- Exterior pockets with waterproof zippers on chest and left sleeve
- 3-in-1 zipper and snaps system is compatible with Viking® 402NB or 408BK liners

#### Waist Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, not FR
- Draw cord elasticized waist adjuster with hook-and-loop fly access
- 13" Boot zipper with flap closure and adjustable cuffs with hook-and-loop fasteners
- Fully lined for comfort

*Professional*

**WATERPROOF**  
10,200mm

**BREATHABILITY**  
8,700g/m<sup>2</sup>/24 hours breathable

**V-TECH** • Waterproof  
Breathable

**Trilobal Polyester**

**3 IN 1 System**

**STORMBLASTER**

3930WPG & 3930WPO  
available in S - 3XL

Size S - 4XL

### Viking Professional® Journeyman 300D Insulated Parka

- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 3, not FR
- 2" Vi-brance® reflective tape
- Heavy-duty 300 denier Trilobal ripstop polyester with PU material gives superior abrasion, puncture, rip and snag resistance
- 250 gsm ThermoMAXX® insulation good up to -50°C/-60°F
- Double sewn, taped and heat sealed seams
- Waterproof, and windproof
- Insulated Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Embroidery zipper included
- Dual chest straps
- #10 Heavy-duty tooth zipper with storm flap for weather protection
- 2 Large storage pockets with hook-and-loop flap closure, 1 inner chest pocket, and pen slot on left sleeve
- Adjustable wrist with hook-and-loop fastener and double cuff to seal out rain and wind
- Insulated 34" long parka for added warmth
- Name label on the inside of the jacket



U.S. ONLY  
D6455JO



U.S. ONLY  
D6455JG

*Professional*

**Trilobal Polyester**

**ThermoMAXX** Ultra thin  
Insulation

**-50°C  
-60°F**

**STORMBLASTER**

Size S - 4XL



# FLAME RESISTANT GARMENTS

## Standard vs. Test Methods

Often users mix up the many standards and test methods related to FR garments. We will go through the most relevant standard performance specification, test methods, terms and give you a summary of what you should really be looking for when considering FR garments.

### ASTM F2733-09

This is a Standard Performance Specification for Flame Resistant Rainwear for Protection Against Flame Hazards. Requirements: must meet requirements under Testing Methods ASTM D6413 and ISO 17493 and ASTM F1930.

### CGSB 155.10

This is a Standard Performance Specification for Firefighter's protective clothing for protection against heat and flame. This standard is specific to firefighter clothing, and has no relevance for any other industry. It is commonly, and incorrectly, used to reference a fabric's resistance to ignition and self-extinguish when exposed to an open flame.

### CGSB 155.20-2000

This is a Standard Performance Specification outlining the minimum requirements for performance workwear worn for protection against unplanned exposure to hydrocarbon flash fire. Testing includes flame resistance (fabrics tested before and after 50 domestic wash/dry cycles), thermal protective performance (TPP), heat resistance, and thermal shrinkage resistance.

### What does it mean to meet CGSB 155.20-2000?

The CGSB 155.20-2000 standard refers to protective workwear that will be worn as the outermost garment (please note the wording "workwear" and "garment", as this standard relates to a completed garment, not just its components). This standard is the most abused; many manufacturers will claim partial compliance with statements like: (1) Meets CGSB 155.20 Par 6.1.1 (referencing only the single paragraph 6.1.1 of the standard which is related to Flame Ignition and Self-Extinguish—the actual garment is non-compliant, but the outer fabric has a basic flame retardant treatment); (2) Shell material meets CGSB 155.20 (referencing only that the outer fabric meets paragraphs 6.1.1. through 6.1.2.2 of the standard which is related to the Flame Ignition, Self-Extinguish, and Thermal Protective Properties (TPP) of the shell fabric—the actual garment is non-compliant as the Standard requires all Components, including liners, visibility trim (tape), reinforcements, wristlets, and collar meet Flame and Heat Resistance requirements both in original state and after 50 cycles of washing; all threads must be inherently flame resistant, and all insulation must be Flame and Heat Resistant. Using reference portions to this standard, or unique paragraphs of this standards is misleading and deceptive to the consumer, who will assume the garment is protective against hydrocarbon flash fire occurrence.

### What about PVC or PU product?

Garments made of PVC or PU polymers films cannot meet CGSB 155.20 as it will not pass the ISO 17493 convective heat requirement due to their low melting points of 160°C, and 240°C respectively.

### CGSB 155.22-2014

This is the Standard Performance Specification outlining the minimum requirements for performance of fireline workwear worn for protection against the adverse effects to the firefighter's body during forest firefighting. Testing includes flame resistance (fabrics tested before and after 50 domestic wash/dry cycles), thermal protective performance (TPP), heat resistance, thermal shrinkage resistance, and seam strength.

### NFPA 2112-2012

This is the Standard Performance Specification that will specify the minimum performance requirements and test methods for flame-resistant fabrics and components, and the design and certification requirements for garments for use in areas at risk of flash fires. Testing includes flame resistance (fabrics tested before and after 100 commercial wash/dry cycles), thermal protective performance (TPP), heat resistance, thermal shrinkage, and manikin flash fire.

### NFPA 1975-2014

This is the Standard Performance Specification outlining requirements for the design, performance, testing, and certification of non-primary protective station/work uniforms and the individual garments comprising station/work uniforms. This standard will also specify requirements for the thermal stability and flame resistance of textiles used in the construction of station/work uniforms.

### NFPA 1977-2016

This is a Standard Performance Specification specifying the minimum design, performance, testing, and certification requirements for protective clothing, helmets, gloves, and footwear that are designed to protect firefighters adverse environmental effects during wildland fire-fighting operations.

### ASTM F1506-15

This is a Standard Performance Specification for Textile Material for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards, as per Section 130.7 (C)(8) of NFPA 70E. Testing includes electric arc exposure, flame resistance (fabrics tested before and after 25 commercial wash/dry cycles), tear resistance, breaking strength, dimensional change in laundering, colourfastness to laundering/dry cleaning, and yarn slippage.

**An FR designated garment refers to the fabric's treated or inherent ability to resist ignition or to self-extinguish.**

**Hydro carbon flash protection; CGSB 155.20-2000 compliance tests vertical flame as well as thermal protective performance (TPP VALUE) A minimum level 6 (at 3 second) is required to meet this standard, and all materials used on the garment including the threads must be FR.**





## What is HRC and TPP?

### HRC is changing to Arc Rated Category (CAT)

HRC is an abbreviation for Hazard/Risk Category as determined by the ATPV (Arc Thermal Protective Values) or the amount of energy from an Electric Arc a fabric will resist. The change to Arc Rated Category is to remove the "risk", and define the actual arc protection as "risk" to a worker is more a function of multiple factors that require a risk assessment or model. This standard does not address hydrocarbon flash fire peril. HRC is going to Arc rated Category as defined as follows:

Arc CAT	ATPV Protection
CAT 1	Min. 4 calories/cm <sup>2</sup>
CAT 2	Min. 8 calories/cm <sup>2</sup>
CAT 3	Min. 25 calories/cm <sup>2</sup>
CAT 4	Min .40 calories/cm <sup>2</sup>

Over the next year you will see a transition of labelling on FR garments from HRC to CAT (Arc Rating ATPV). HRC/CAT has a relationship with Hydrocarbon Flash Fire protection in that materials of cotton or inherent FR (Nomex) generally will meet the TPP requirements of hydrocarbon Flash Fire protection when meeting HRC/CAT 2 or greater. However, HRC/CAT 2 cannot be attained with polymer film fabrics like PVC which will fail Hydrocarbon Flash requirements. When selecting Hydrocarbon Flash Fire garments focus on the TPP values versus the HRC/CAT level.

### TPP

Thermal Protective Performance of a fabric tested with radiant and convective energy to determine the total energy required to simulate a 2nd degree burn injury. The minimum requirement for a fabric used in a CGSB 155.20 garment is 6.0.

### TPP in relation to CGSB155.20.2000

It is not enough that a fabric may have a TPP value of 6.0+; in order to meet the standard of CGSB 155.20, and provide the required amount of hydrocarbon flash protection to a user, the whole garment must comply with the CGSB 155.20 standard. Be careful about claims of "Fabric meets CGSB 155.20, or has a TPP value of 6.0+".

**HRC is only used for electric arc, so a high HRC rating does not automatically imply that it will offer any hydrocarbon flash fire protection. Depending on the material used, a high HRC garment may provide some inherent TPP value but unless stated, do not assume TPP rating.**

### Hydrocarbon Flash and Electric Arc

The correct standards for Hydrocarbon Flash Fire and Electric Arc protective clothing are:

NFPA 70E, NFPA 2112-2212, CGSB 155.20-2000  
CGSB 155.22-2014, and ASTM F1506A

Each of these standards has stringent requirements for compliance, lot traceability, and independent testing. Manufacturers making any claims of compliance to these standards should be able to provide extensive testing reports in original state and after 50 washing cycles.

### Limitations

Under each of the above standards, there is a requirement that each garment has a clear label that outlines the limitations, and use of the garment for applications. All Viking® garments with claims of "basic" FR will be labelled as follows:

#### Attention

This garment has been tested in accordance with the test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 Flame Resistance, Self Extinguishing for Momentary Contact with Open Flame.

In contact with flame, this garment will resist ignition, and / or self-extinguish. The intended use of the garment is for protection from liquids including water, oil, light acids and caustics. This garment also provides wind resistance and acts as a thermal layer against harsh elements, while providing increased visibility of the wearer. This garment is not intended as protection from hydrocarbon flash fires, electric arc hazards, or welding sparks.

## Test Methods

### ASTM D6413

The USA Testing Method and requirement for determining a fabric's resistance to ignition and ability to self-extinguish when exposed to an open flame.

### CAN/CGSB 4.2 No. 27.10

The Canadian Testing Method and requirement for determining a fabric's resistance to ignition and ability to self-extinguish when exposed to an open flame.

### ISO 17493/ASTM F2894-12b

A testing method and requirement for determining a fabric's ability to resist ignition, melting, or shrinkage in ambient temperatures at 260°C for 5 minutes.

### ASTM F1930

A testing method using a manikin with a finished garment and using a heat flux of 2 cal/cm<sup>2</sup> over an exposure time of 3 seconds to determine the predicted second and third degree burn area. This test method duplicates a hydrocarbon flash fire incident, and predicts the garment's protection against 2nd and 3rd degree burns.

## Codes/Guides

### OSHA 1910.269

This is a code or guide comprised of the operational and maintenance of electric power generation, control, transformation, transmission and distribution lines, and equipment. OSHA standard CFR1910.269 has brought many occupational safety principles for the protection of all the workers working in workspaces where there is always risk of injuries due to electric shocks or fire burns.

### NFPA 70E-2015

Both of these code or guide are for electrical safety in the workplace, composed of procedures, policies, and guidelines.



## Viking® FR Vest

- Fully compliant with CSA Z96-15 Class 2, Level 2
- Fully compliant with ANS/ISEA 107-2015 Type R, Class 2, ASTM D6413 (FR)
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Strong breathable FR-treated premium polyester material
- 2" Vi-brance® reflective tape in WCB/Worksafe configuration
- 5-point hook-and-loop tear away safety design
- Safety D-ring access slot on back
- Extra strong edging tape
- 2 Chest, and 2 front storage pockets
- Machine washable
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks



6136FR

Size **S/M - 4XL/5XL**



## Open Road® Surveyor FR Vest

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANS/ISEA 107-2015 Type O, Class 1, ASTM D6413 (FR)
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 100% Cotton FR-treated fabric for comfort and durability
- Built to last heavy-duty brass snaps and grommets
- Mesh side vents
- Dual reflective chest straps
- Cell/Radio pocket with hook-and-loop fastener
- Safety D-ring slot access on back
- 14" zippered pack across entire back area
- 8 pockets with hook-and-loop fastener (5 outside; 3 inside)
- Brass grommets on lower front pockets for surveyor tape dispenser
- Long ruler slot pocket on left back
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks



6165FR

Size **S - 4XL**







2110FR

### Viking® FR Suit

- Fully compliant with CSA Z96-15 Class 1, Level FR
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Ideal for Fish/Food processing as sandwich fabric will not delaminate with exposure to animal or fish oil
- 0.35mm FR-treated PVC/polyester/PVC material
- Sandwich construction proves good splash protection and chemical resistance
- 2" Yellow prism reflective tape
- Generous sizing for comfort and freedom of movement
- Micro welded seams for durability and waterproofness
- Waterproof and windproof
- ESR nylon snap closure systems
- Sold as a 3-piece suit
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

#### Jacket

- Cotton corduroy collar for comfort
- Detachable hood included
- Adjustable wrist cuffs
- Underarm vents for breathability

#### Bib Pants

- Bib pants with adjustable waist panel and ESR suspenders
- Adjustable boot cuffs

Size S - 3XL



6050FRP

6050FRJ

### Viking® FR PU

- Fully compliant with CSA Z96-15 Class 2, Level 2
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Stretchable FR-treated PU/Polyester fabric lightweight and flexible in sub-zero conditions
- 2" Yellow Reflexite™ prism reflective tape
- Micro welded seams
- Waterproof and windproof
- Resistant to motor oil, diesel, chemicals, animal fats, and fish oils
- ESR nylon snap closure systems
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

#### Jacket

- Large detachable hood to cover hard hat
- Outer storm flap over zipper
- Adjustable wrist cuffs
- Underarm vents for breathability

#### Bib Pants

- Bib pants with adjustable waist panel and ESR suspenders
- Adjustable boot cuffs

Size S - 4XL

## Viking® FR PU

- Fully compliant with CSA Z96-15 Class 2 Level 2
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Stretchable FR-treated PU/polyester fabric lightweight and flexible in sub-zero conditions
- 2" **3M Scotchlite** reflective material in 4" WCB/Worksafe/DOT configuration
- Micro welded seams
- Waterproof and windproof
- Resistant to motor oil, diesel, chemicals, animal fat, and fish oil
- ESR nylon snap closure systems
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

### Jacket

- Large detachable hood to cover hard hat
- Adjustable wrist cuffs
- Underarm vent for breathability
- 2 Durable intergreted front pockets
- Outer storm flap over front zipper

### Bib Pants

- Bib pants with adjustable waist panel and ESR suspenders
- Adjustable boot cuffs



Size S - 4XL

## Viking® FR Hoodie

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, ASTM D6413 (FR)
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Premium 400 gsm FR-treated cotton fleece lined hoodie keeps you warm and comfortable
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- Tear away detachable hood
- Warm full-size hood with drawstring adjusters
- Dual reflective chest straps
- 2 Front storage pockets
- Comfort snug elastic wrist and waistband
- Fully lined sleeves for easy wear
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks



Size S - 4XL





3995FRO

3995FR

### Viking Professional® Journeyman 300D Trilobal Rip-stop FR Surveyor Vest

- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Heavy-duty FR-treated 300 denier Trilobal rip-stop polyester with PU backing gives superior abrasion, puncture, rip and snag resistance
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 4 Outer large storage pockets with hook-and-loop fasteners, multi pen/marker/chalk and small ruler pocket, 11" large ruler slot pocket, and 14" zippered pack across entire back area
- Dual chest straps
- Safety D-ring access slot on back
- Cell/radio pouch pocket
- 4 inner storage pockets
- Mesh side vents for breathability
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

#### 3995FR

- Fully compliant with CSA Z96-015 Class 1, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, ASTM D6413 (FR)

#### 3995FRO

- Fully compliant with CSA Z96-15 Class 2, Level 2
- Fully compliant with ANSI/ISEA 107-2015 Type R, Class 2, ASTM D6413 (FR)

*Professional*

Size S - 3XL



3907FRPO 3907FRP

3907FRJO

3907FRJ

### Viking Professional® Journeyman 300D Trilobal Rip-stop FR

- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Heavy-duty FR-treated 300 denier Trilobal ripstop polyester with PU backing gives superior abrasion, puncture, rip and snag resistance
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- FR-treated inner lining
- Waterproof, and windproof
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

#### Jacket

- 3907FRJ is fully compliant with CSA Z96-15 Class 1, Level 2, and ANSI/ISEA 107-2015 Type O, Class 1, ASTM D6413 (FR)
- 3907FRJO is fully compliant with CSA Z96-15 Class 2, Level 2, and ANSI/ISEA 107-2015 Type R, Class 3, ASTM D6413 (FR)
- Detachable Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Warm and comfortable fleece collar
- Heavy-duty zipper with storm flap for weather protection
- Dual reflective chest straps
- Double stitched tape and background for superior durability
- 14" embroidery zipper included
- Front and back vents for extra breathability
- 2 Large zippered pockets on the outside, and 1 inner chest pocket
- Adjustable wrist with hook-and-loop fastener to seal out rain and wind

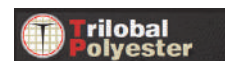
#### Bib Pants

- 3907FRP is fully compliant with CSA Z96-15 Class 1, Level 2, and ANSI/ISEA 107-2015 Class E, ASTM D6413 (FR)
- 3907FRPO is fully compliant with CSA Z96-15 Class 2, Level 2, and ANSI/ISEA 107-2015 Class E, ASTM D6413 (FR)
- Heavy-duty elastic suspenders with quick release buckle
- Elasticized waist with zippered fly and hook-and-loop flap
- 13" Boot zippers with cover and hook-and-loop fastener for easy access
- Detachable bib design



*Professional*

Size S - 4XL





## Viking Professional® Insulated Journeyman 300D Trilobal Rip-Stop FR

- Fully compliant with CSA Z96-15 Class 1, Level 2
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Heavy-duty FR-treated 300 denier Trilobal rip-stop polyester with PU backing gives superior abrasion, puncture, rip and snag resistance
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 125 gsm ThermoMAXX® Insulation good up to -30°C / -22°F
- FR-treated inner lining
- Waterproof and windproof
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

### Jacket

- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, ASTM D6413 (FR)
- Insulated Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Heavy-duty zipper with storm flap for weather protection
- Dual reflective chest straps
- Double stitched tape and background for superior durability
- 14" embroidery zipper included
- Front and back vents for extra breathability
- 2 Large zippered pockets on the outside, and 1 inner chest pocket
- Adjustable wrist with hook-and-loop fastener to seal out rain and wind

### Bib Pants

- Fully compliant with ANSI/ISEA 107-2015 Class E, ASTM D6413 (FR)
- Heavy-duty elastic suspenders with quick release buckles
- Elasticized waist with zippered fly and hook-and-loop flap
- 13" Boot zippers with cover and hook-and-loop fasteners for easy access
- Detachable bib design
- Insulated upper bib



3907FRWP

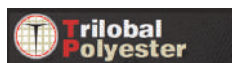


3907FRWJ

Size S - 4XL

## Viking Professional® Insulated Journeyman 300D Trilobal Rip-Stop FR Vest

- Fully compliant with CSA Z96-15 Class 1, Level FR
- Fully compliant with ANSI/ISEA 107-2015 Type O, Class 1, ASTM D6413 (FR)
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Heavy-duty FR-treated 300 denier Trilobal rip-stop polyester with PU backing gives superior abrasion, puncture, rip and snag resistance
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 125 gsm ThermoMAXX® Insulation good for -30°C / -22°F
- FR-treated inner lining
- Dual reflective chest straps
- Double stitched tape and background for superior durability
- Cell/radio pouch pocket
- Heavy-duty zipper with storm flap for weather protection
- 2 Front slash pockets
- 4 Inner storage pockets
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks



3995FRW

Size S - 4XL



3957FRPO 3957FRP



3957FRJO

3957FRJ

## Viking Professional® Freezer Insulated Journeyman 300D Trilobal Rip-Stop FR

- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Heavy-duty FR-treated 300 denier Trilobal rip-stop polyester with PU backing gives superior abrasion, puncture, rip and snag resistance
- 2" Vi-brance® reflective material in 4" contrasting tape meets WCB/Worksafe/DOT configuration
- 250 gsm ThermoMAXX® Insulation good up to -50°C / -60°F
- FR-treated inner lining
- Waterproof and windproof
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

### Parka

- 3957FRJ is fully compliant with CSA Z96-15 Class 1, Level 2 and ANSI/ISEA 107-2015 Type O, Class 1, ASTM D6413 (FR)
- 3957FRJO is fully compliant with CSA Z96-15 Class 2, Level 2 and ANSI/ISEA 107-2015 Type R, Class 3, ASTM D6413 (FR)
- Insulated Stormblaster® hood reduces wind and rain exposure up the back of the jacket, while orienting the front close to the chin and cheek area. It has a safety tear away design, making it easy to remove and attach.
- Warm and comfortable fleece collar
- #10 heavy-duty tooth zipper with storm flap for weather protection
- Dual reflective chest straps
- Double stitched tape and background for superior durability
- 14" embroidery zipper included
- Adjustable waist drawstring toggle for windproof
- 2 Large storage pockets with hook-and-loop flap closure, and 1 inner chest pocket
- Adjustable wrist with hook-and-loop fasteners and double cuff to seal out rain and wind
- Insulated 34" long parka for added warmth

### Overalls

- 3957FRP is fully compliant with CSA Z96-15 Class 1, Level 2 and ANSI/ISEA 107-2015 Class E, ASTM D6413 (FR)
- 3957FRPO is fully compliant with CSA Z96-15 Class 2, Level 2 and ANSI/ISEA 107-2015 Class E, ASTM D6413 (FR)
- Heavy-duty elastic suspenders with quick release buckle
- Insulated front and back upper bib
- Inner zippered pocket and front storage pocket on bib
- 18" heavy duty boot zipper with 7" internal kick panel
- 2 Side waist gussets for wind guard
- Zippered fly and hook-and-loop flap
- 2 Front slash pockets
- 1 side cargo pocket



Size S - 3XL



5200P



5200J

5212

## Viking® Miner 49er Mining Suit

- Fully compliant with CSA Z96-15 Class 1, Level FR
- Tested in accordance with test method CAN/CGSB-4.2 No.27.10 & ASTM D6413 flame resistance, self-extinguishing for momentary contact with open flame
- Fully compliant with WCB Standard PPE2 High Visibility Garment Type 2
- Heavy-duty neoprene with nylon, PU backing
- Suitable for long wearing industrial applications and abrasive environments
- Resistant to acids, chemicals, oils, and solvents
- Heat and flame incidental contact protection
- Excellent puncture, tear and abrasion resistance
- Generous sizing for working ease
- Seams are heat-sealed and taped
- Waterproof and windproof
- 2" Reflective tape strategically placed front and back
- This garment is not intended as protection from Hydrocarbon Flash Fires, Electric Arc Hazards, or welding sparks

### Jacket

- Durable nickel plated brass buttons
- D-ring slot on back (also provides venting)
- Hood (5212) sold separately

### Bib Pants

- Heavy-duty elastic suspenders
- Double bib design with inner zippered pocket and pen holder
- One side waist gusset for adjustability

Size S - 3XL



# THE FIREWALL FR® COMMITMENT

Viking® Firewall FR® is committed to providing industry leading Flame Resistant garments that offer the highest level of safety for workers exposed to electrical arc and hydrocarbon flash fire hazards.



Viking® Firewall FR® has partnered with Westex® by Milliken® to supply best-in-class inherent and treated flame-resistant fabrics for Viking Firewall FR® FR garment. Milliken & Company, with the recent acquisition of Westex®, is the largest flame resistant fabric manufacturer in the world and a market leader in innovation and technology.

## Fabric Choices for All Industry Applications

Viking® Firewall FR® garments are offered in inherent or treated flame-resistant fabrics by Westex® by Milliken®. Westex® by Milliken® treated FR fabric® is made of 88% cotton, 12% nylon blend with a proprietary permanent FR treatment process guaranteed for the life of the garment. Westex® CXP® flame-resistant fabric, made of Nomex® IIIA fibres, offers greater comfort and durability than other Nomex® IIIA fabrics. Nomex® CXP® combines the Softouch Technology™ process with Leap® technology to provide a soft Nomex® fabric that protects against both arc flash and flash fire hazards.

## Westex® by Milliken® Flame Resistant Fabrics

Westex® by Milliken® 88% cotton / 12% Nylon are high performance flame-resistant (FR) fabrics specifically designed for industrial workwear. The proprietary fabrics use a specialized ammonia-free FR treatment process and are constructed of an optimized blend of Pima cotton and high-tenacity Nylon designed to help mitigate potential injuries due to electric arc and flash fire exposure, while providing enhanced durability and comfort. The combination of these capabilities makes it an ideal fabric for industrial workwear occupations in manufacturing, utilities, electrical maintenance, petrochemical, welding, and steel.

Westex® by Milliken®'s excellent protection against Flash Fire and Arc Flash can significantly reduce the risk of burns. With high air permeability, fabrics breathe, keeping the wearer more comfortable.

Westex® by Milliken® fabric is UL Certified to NFPA 2112, CAN/CGSB-155.20, NFPA 1975 (7 oz only), NFPA 1977 and Arc Rated according to ASTM F1506 for NFPA 70E as HRC/CAT 2.

## Westex® CXP® Nomex® Flame Resistant Fabric

Westex® CXP® is a patented, flame-resistant fabric made of DuPont™ Nomex® IIIA. The fabric is more comfortable and lasts longer than comparable Nomex® fabrics, and is the best choice for protective industrial uniforms and for fire service.



Milliken®'s Softouch Technology® ensures that Westex® CXP® is soft to the touch and has improved airflow through the fabric and the proprietary Visa® technology provides superior wicking for moisture management and helps oily stains wash out. Plus, Westex® CXP® is 40% lighter than FR Cotton/Nylon 9 oz. fabrics, an important factor in overall comfort. All of this keeps you cool and dry while working in hot environments.

Westex® CXP® fabric is UL Certified to NFPA 2112, CAN/CGSB-155.20 (155.22), NFPA 1975, NFPA 1977 and Arc Rated according to ASTM F1506 for NFPA 70E as HRC/CAT 1.

## Milliken® DuPont™ Nomex® CXP® HRC 2 Inherent Flame Resistant Fabric

Nomex® CXP® fabric by Milliken® was specifically developed to provide

improved comfort with dual-hazard fire and electric arc protection. This uniquely made fabric also offers the proven durability, life cycle value and inherent flame resistance that you have come to expect from Nomex®.



Nomex® CXP® is a patented, inherently flame-resistant fabric innovation that helps protect against both fire and electric arc flash hazards. This dual-hazard solution combines proprietary technology engineered by Milliken® to enhance arc protection for DuPont™ Nomex®—which is recognized as a leading flame-resistant (FR) fabric for fire protection in oil and gas, military, emergency response and automobile racing applications.

Nomex® CXP® is UL Certified to NFPA 2112, CAN/CGSB-155.20 (155.22), NFPA 1975, NFPA 1977 and Arc Rated according to ASTM F1506 for NFPA 70E as HRC/CAT2.

**Viking® Firewall FR® products offer superior safety performance, improved comfort and durability, and best value in FR safety workwear**





### Viking® Firewall FR® Button Front Shirt



- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 7 oz. Westex® by Milliken® flame-resistant fabric – 88% cotton/ 12% nylon
- TPP Value: Contact 8.5, Spaced 9.0
- ARC rating ATPV: 9.2 cal/cm² CAT 2
- Button front closure with full-length placket with a button-down collar
- Full sleeves with adjustable button cuffs
- 2 chest pockets with button closure and box pleat on back
- Dual hazard protection from electrical arc and hydrocarbon flash fire

**31B77**

	1100 Dark Navy
	1800 Light Blue

Size **SR - 4XLT**

**WESTEX®**  
by Milliken

### Viking® Firewall FR® Cargo Pants



- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 9 oz. Westex® by Milliken® flame-resistant fabric – 88% cotton / 12% nylon
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 12.4 cal/cm² CAT 2
- All brass closures thermally protected from the skin
- Dual hazard protection from electrical arc and hydrocarbon flash fire
- Cargo style work pants
- Reinforced front slant pockets and back seat pockets
- Generous sized side pockets with flaps, and hook-and-loop closure
- Belt loops, metal button waist closure and Nomex® backed YKK® zipper fly

**20179**

	1100 Dark Navy
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Size **30 - 48**

**WESTEX®**  
by Milliken

## Viking® Firewall FR® Striped Coveralls

- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- "Oil Patch" style reflective striping configuration
- RT80 featuring 3M Scotchlite™ Reflective Material – 9740 industrial wash flame resistant trim (2" yellow/silver/yellow) with X on back and stripes around each forearm and each leg below the knee
- Two-way breakaway Nomex® backed YKK® front zipper
- Adjustable cuffs, tunnel collar with hook-and-loop closure
- 2 front upper pockets (including 1 mesh gas monitor pocket), and 2 lower front pouch pockets with side access vents
- 1 tool pocket on rear right leg, and 1 left sleeve pencil pocket
- Elasticized waist on the back and fully stitched bi-swing back for better fit and mobility
- All seams double-stitched and stress points bar tacked for ultimate durability
- Dual hazard protection from electrical arc and hydrocarbon flash fire

Size **SR - 5XLT**

**3M Scotchlite™** **WESTEX®**  
by Milliken

### 40577 Viking® Firewall FR® Striped Coveralls 7 oz.

- 7 oz. Westex by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 8.5, Spaced 9.0
- ARC rating ATPV: 9.2 cal/cm² CAT 2

### 40579 Viking® Firewall FR® Striped Coveralls 9 oz.

- 9 oz. Westex by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 12.4 cal/cm² CAT 2



**40577**

	1200 Royal Blue
	5000 Red

**40579**

	1100 Dark Navy
	1200 Royal Blue
	5000 Red

## Viking® Firewall FR® CSA High Visibility FR Coveralls

- Fully compliant with CSA Z96-15 Class 3, level 2
- Meets WCB/Worksafe BC/DOT configuration
- RT80 featuring 3M Scotchlite™ Reflective Material–9740 industrial wash flame-resistant trim (4" yellow/silver/yellow)
- Two-way breakaway Nomex® backed YKK® front zipper, adjustable cuffs, tunnel collar with hook-and-loop closure
- 2 front upper pockets (including 1 mesh gas monitor pocket), and 2 lower front pouch pockets with side access vents
- 2 chest straps
- 1 tool pocket on rear right leg, and 1 left sleeve pencil pocket
- Elasticized waist on the back and fully stitched bi-swing back for better fit and mobility
- All seams double-stitched and stress points bar tacked for ultimate durability
- Dual hazard protection from electrical arc and hydrocarbon flash fire

40479 available in  
SR - 5XLT

Size **SR - 4XLR**

**3M Scotchlite™** **WESTEX®**  
by Milliken

### 40477 Viking® Firewall FR® CSA High Visibility FR Coveralls 7 oz.

- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 7 oz. Westex by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 8.5, Spaced 9.0
- ARC rating ATPV: 9.2 cal/cm² CAT 2

### 40479 Viking® Firewall FR® CSA High Visibility FR Coveralls 9 oz.

- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 9 oz. Westex by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 12.4 cal/cm² CAT 2



**40477**  
**40479**

	5400 Orange
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### Viking® Firewall FR® CSA Striped Coveralls

- RT80 featuring 3M Scotchlite™ Reflective Material – 9740 industrial wash flame resistant trim (2" yellow/silver/yellow). CSA Z96-15 Class 1, Level FR striping pattern.
- Two-way breakaway Nomex® backed YKK® front zipper
- Adjustable cuffs, tunnel collar with hook-and-loop closure
- 2 front upper pockets (including 1 mesh gas monitor pocket), and 2 lower front pouch pockets with side access vents
- 2 chest straps
- One tool pocket on rear right leg, one left sleeve pencil pocket
- Elasticized waist on the back and fully stitched bi-swing back for better fit and mobility
- All seams double-stitched and stress points bar tacked for ultimate durability
- Dual hazard protection from electrical arc and hydrocarbon flash fire

1100 and 1200 available  
in XSR - 5XLR; 5400  
available in SR - 4XLR

Size **SR - 5XLR**

**3M Scotchlite™** **WESTEX®**  
by Milliken

#### 40677 Viking® Firewall FR® CSA Striped Coveralls 7 oz.

- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 Class 1, Level FR.
- High visibility orange (5400) complies with CSA Z96-15 Class 3, Level FR
- 7 oz. Westex® by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 8.5, Spaced 9.0
- ARC rating ATPV: 9.2 cal/cm² CAT 2

#### 40679 Viking® Firewall FR® CSA Striped Coveralls 9 oz.

- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 Class 3, Level FR
- 9 oz. Westex® by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 12.4 cal/cm² CAT 2



**40677**

	1100 Dark Navy
	1200 Royal Blue
	5000 Red
	5400 Orange

**40679**

	5400 Orange
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### Viking® Firewall FR® Miner 49er Mining Coveralls

- Meets safety standards: PPE Category 2, CAN/CSGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 Class 3, Level 2
- 2" Vi-brance® flame-resistant industrial wash reflective tape
- 7 oz. Westex® by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 8.5, Spaced 9.0
- ARC rating ATPV: 9.2 cal/cm² CAT 2
- Two-way breakaway Nomex® backed YKK® front zipper
- Adjustable cuffs, tunnel collar with snap closure
- 2 front upper pockets, and 2 lower front pouch pockets
- Fully stitched bi-swing back for better fit and mobility
- All seams double-stitched and stress points bar tacked for ultimate durability
- Dual hazard protection from electrical arc and hydrocarbon flash fire



**VC49**

	5400 Orange
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Size **S - 4XL**

**WESTEX®**  
by Milliken





## Viking® Firewall FR® CXP® Nomex® CSA Striped Coveralls

- Meets safety standards: PPE Category 2, CAN/CGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 (Class 1/Level FR)
- 5.8 oz. DuPont® CXP® HRC2 Nomex® IIIA
- TPP Value: Contact 7.9, Spaced 13.5
- ARC rating ATPV: 10.2 cal/cm² CAT 2
- RT80 featuring 3M Scotchlite™ Reflective Material-9740 industrial wash flame-resistant trim (2" yellow/silver/yellow)
- Two-way breakaway Nomex® backed YKK® front zipper
- Adjustable cuffs, tunnel collar with hook-and-loop closure
- 2 front upper pockets (including 1 mesh gas monitor pocket), and 2 lower front pouch pockets with side access vents
- 1 tool pocket on rear right leg, and 1 left sleeve pencil pocket
- Elasticized waist on the back and fully stitched bi-swing back for better fit and mobility
- All seams double-stitched and stress points bar tacked for ultimate durability
- Dual hazard protection from electrical arc and hydrocarbon flash fire



Size **SR - 3XLT**

**3M Scotchlite™** DuPont® **Nomex®** CXP® Miliken®  
HRC 2 Inherent FR Fabric

**40665**

1200 Royal Blue

## Viking® Firewall FR® CXP® Nomex® IIIA CSA Striped Bib Overalls

- Meets safety standards: PPE Category 1, CAN/CGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 (Class 1/Level FR)
- 5.8 oz. DuPont® CXP® HRC2 Nomex® IIIA
- TPP Value: Contact 7.9, Spaced 13.5
- ARC rating ATPV: 10.2 cal/cm² CAT 2
- RT80 featuring 3M Scotchlite™ Reflective Material – 9740 industrial wash flame-resistant trim (2" yellow/silver/yellow)
- Two-way breakaway Nomex® backed YKK® front zipper with exterior storm flap closure
- Shoulder suspenders with adjustable buckles
- 2 front upper chest pockets, 2 large back pockets, and 2 lower front patch pockets
- Right tool pocket and hammer loop on left rear
- All seams double-stitched and stress points bar tacked for ultimate durability
- Dual hazard protection from electrical arc and hydrocarbon flash fire



Size **S - 5XL**

**3M Scotchlite™** DuPont® **Nomex®** CXP® Miliken®  
HRC 2 Inherent FR Fabric

**41666**

1200 Royal Blue


**41679**

	1100 Dark Navy
	1200 Royal Blue
	5400 Orange

### Viking® Firewall FR® CSA Striped Bib Overalls

- Meets safety standards: PPE Category 2, CAN/CSGB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 Class 1, Level FR.
- High visibility orange (5400) complies with CSA Z96-15 Class 2, Level FR
- 9 oz. Westex® by Milliken® flame-resistant fabric - 88% cotton / 12% nylon
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 12.4 cal/cm² CAT 2
- RT80 featuring 3M Scotchlite™ Reflective Material – 9740 industrial wash flame-resistant trim (2" yellow/silver/yellow)
- Two-way breakaway Nomex® backed YKK® front zipper with exterior storm flap closure
- Shoulder suspenders with adjustable buckles
- 2 front upper chest pockets, 2 large back pockets, and 2 lower front patch pockets
- Right tool pocket and hammer loop on left rear
- All seams double-stitched and stress points bar tacked for ultimate durability
- Dual hazard protection from electrical arc and hydrocarbon flash fire

**Size S - 5XL**
**3M Scotchlite™** **WESTEX®**  
by Milliken

**52679**

	1200 Royal Blue
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### Viking® Firewall FR® CSA Striped Insulated Coveralls

- Meets safety standards: PPE Category 3, CAN/CSGB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 Class 1, Level FR
- 9 oz. Westex® by Milliken® Flame Resistant Fabric – 88% cotton/ 12% nylon (outer layer)
- 12 oz. Quilted modacrylic lining with wind and vapour barrier
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 35 cal/cm² CAT 3
- RT80 featuring 3M Scotchlite™ Reflective Material–9740 industrial wash flame-resistant trim (2" yellow/silver/yellow)
- Two-way breakaway Nomex® backed YKK® front zipper with exterior storm flap closure
- FR storm cuffs
- Tunnel collar with closure
- 2 upper front pockets, 2 lower front patch pockets, and 2 large hip patch pockets
- 1 tool pocket on rear right leg, and 1 left sleeve pencil pocket
- Easy boot access with 33" Nomex® backed YKK® #10 side two-way brass leg zippers
- Double knees and elastic waistband
- Snap-on hard hat hood sold separately (68G79)
- Dual hazard protection from electrical arc and hydrocarbon flash fire

**Size XS - 3XL**
**3M Scotchlite™** **WESTEX®**  
by Milliken

## Viking® Firewall FR® CXP® Nomex® Striped Insulated Overalls

- Meets safety standards: PPE Category 3, CAN/CGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 5.8 oz. DuPont® CXP® HRC2 Nomex® IIIA (outer shell)
- 12 oz. quilted modacrylic lining with wind and vapor barrier
- TPP Value: Contact 7.9, Spaced 13.5
- ARC rating ATPV: 32 cal/cm² CAT 3
- RT80 featuring 3M Scotchlite™ Reflective Material–9740 industrial wash flame-resistant trim (2" yellow/silver/yellow)-striping around lower legs
- Easy boot access with 15.5" Nomex® backed YKK® leg zippers
- Elastic shoulder suspenders with adjustable buckles
- 1 upper pocket with closure and pencil slot, 2 rear patch pockets, 2 lower front patch pockets, 1 right tool pocket
- Double knees and elastic waistband
- Dual hazard protection from electrical arc and hydrocarbon flash fire



Size S - 4XL

**3M Scotchlite™** DuPont® **Nomex® CXP®** Milliken®  
HRC 2 Inherent FR Fabric

**51566**

1200 Royal Blue

## Viking® Firewall FR® Striped Insulated Overalls

- Meets safety standards: PPE Category 3, CAN/CGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 9 oz. Westex® by Milliken® flame-resistant fabric - 88% cotton / 12% nylon (outer shell)
- 12 oz. quilted modacrylic lining with wind and vapor barrier
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 35 cal/cm² CAT 3
- RT80 featuring 3M Scotchlite™ Reflective Material – 9740 industrial wash flame resistant trim (2" yellow/silver/yellow) – Striping around Lower Legs.
- Nomex® backed YKK® two-way breakaway front zipper with exterior storm flap closure
- Easy boot access with 15.5" Nomex® backed YKK® leg zippers
- Elastic shoulder suspenders with adjustable buckles
- 1 upper pocket with closure and pencil slot, 2 rear patch pockets, 2 lower front patch pockets, 1 right tool pocket
- Double knees and elastic waistband
- Dual hazard protection from electrical arc and hydrocarbon flash fire



Size XS - 5XL

**3M Scotchlite™** **WESTEX®** by Milliken®

**51579**

1100 Dark Navy

1200 Royal Blue




**51679**

	5400 Orange
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### Viking® Firewall FR® Striped Insulated Overalls

- Meets safety standards: PPE Category 3, CAN/CSG 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269, CSA Z96-15 Class 2/Level FR
- 9 oz. Westex® by Milliken® flame-resistant fabric - 88% cotton / 12% nylon (outer shell)
- 12 oz. quilted modacrylic lining with wind and vapor barrier
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 35 cal/cm² CAT 3
- Nomex® backed YKK® Two-way breakaway front zipper with exterior storm flap closure
- Easy boot access with 15.5" Nomex® backed YKK® leg zippers
- Elastic shoulder suspenders with adjustable buckles
- 2 rear patch pockets, 2 lower front patch pockets, 1 right tool pocket
- Double knees and elastic waistband
- Dual hazard protection from electrical arc and hydrocarbon flash fire

Size	M - 4XL
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**3M Scotchlite™** **WESTEX®**  
by Milliken


**55679**

	1100 Dark Navy
	1200 Royal Blue
	5000 Red
	5400 Orange

### Viking® Firewall FR® CSA Striped Insulated Parka

- Meets safety standards: PPE Category 3, CAN/CSG 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70-2015, OSHA 1910.269, CSA Z96-15 Class 1/Level FR
- High visibility orange (5400) is compliant with CSA Z96-15 Class 2/Level FR
- 9 oz. Westex® by Milliken® flame-resistant fabric - 88% cotton / 12% nylon (outer shell)
- 12 oz. Quilted modacrylic lining with wind and vapour barrier
- TPP Value: Contact 10.3, Spaced 11.4
- ARC rating ATPV: 35 cal/cm² CAT 3
- RT80 featuring 3M Scotchlite™ Reflective Material - 9740 industrial wash flame-resistant trim (2" yellow/silver/yellow)
- Two-way breakaway Nomex® backed YKK® front zipper with exterior storm flap closure
- Tunnel collar with closure
- 2 large upper chest pockets (including 1 mesh gas monitor pocket), 2 oversized lower front patch pockets with closure flaps and side entry hand warmer pockets with FR fleece pocket lining
- Left sleeve pencil pocket and 1 left inside pocket
- 2 chest straps
- Bi-swing back with elasticized waistband and drawstring with cord locks
- FR storm cuffs
- Snap-on hard hat hood sold separately (68G79)
- Dual hazard protection from electrical arc and hydrocarbon flash fire

5400 available in  
SR - 4XLR  
5000 available in  
SR - 5XLR

Size	XS - 5XL
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**3M Scotchlite™** **WESTEX®**  
by Milliken



**55566**

1200 Royal Blue

## Viking® Firewall FR® CXP® Nomex® Striped Insulated Parka

- Meets safety standards: PPE Category 3, CAN/CGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 5.8 oz. DuPont® CXP® HRC2 Nomex® IIIA (outer shell)
- 12 oz. Quilted modacrylic lining with wind and vapour barrier
- TPP Value: Contact 7.9, Spaced 13.5
- ARC rating ATPV: 32 cal/cm² CAT 3
- RT80 featuring 3M Scotchlite™ Reflective Material – 9740 industrial wash flame-resistant trim (2" yellow/silver/yellow)
- Two-way breakaway Nomex® backed YKK® front zipper with exterior storm flap closure
- Tunnel collar with closure
- 2 large upper pockets (including 1 mesh gas monitor pocket), 2 lower front patch pockets with closure flaps and side entry
- Left sleeve pencil pocket, and 1 left inside pocket
- 2 chest straps
- Bi-swing back with elasticized waistband and drawstring with cord locks
- FR storm cuffs, thread, and tape
- Snap-on hard hat hood sold separately (68G66)
- Dual hazard protection from electrical arc and hydrocarbon flash fire

Size **SR - 5XLR**

**3M Scotchlite™** **Nomex® CXP®**  
HRC 2 Inherent FR Fabric





68G79

	1100 Dark Navy
	1200 Royal Blue
	5000 Red
	5400 Orange

### Viking® Firewall FR® Hard Hat Winter Hood

- Meets safety standards: PPE Category 3, CAN/CSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 9 oz. Westex® by Milliken® Flame Resistant Fabric - 88% cotton/12% nylon (outer shell)
- 12 oz. Quilted modacrylic lining with wind and vapour barrier
- TPP Value: Contact: 10.3, Spaced 11.4
- ARC rating ATPV: 35cal/cm<sup>2</sup>
- CAT 3
- Front drawstring closure with cord locks
- FR hook-and-loop closing storm flap face protector
- Snap onto Style 55679 Parka, 52679 Insulated Coveralls, 55566 Insulated Parka

Size Fits all

**WESTEX®**  
by Milliken



62F00

	1000 Black
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### Nomex® IIIA Knit Toque

- Meets safety standards: CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- Nomex® IIIA knit fabric
- Double thick knit construction
- Flat seaming for comfort

Size Fits all

DuPont™  
**Nomex®**



6T779

	1200 Royal Blue
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### Viking® Firewall FR® Ankle Guard

- Meets safety standards: PPE Category 2, CGSB 155.20-2000, CSA Z462-15, ASTM F1506, NFPA 70E-2015, OSHA 1910.269
- 9 oz. Westex® by Milliken® Flame Resistant Fabric - 88% cotton/12% nylon blend
- TPP Value: Contact: 10.3, Spaced 11.4
- ARC rating ATPV: 12.4 cal/cm<sup>2</sup> CAT 2
- 2 layers of fabric
- Hook and loop closure

Size Fits all

**WESTEX®**  
by Milliken



## Viking® Hazard Warning Tape

- 50 yd (150 ft) x 5 cm (1.96")
- Commercial grade: untearable polyester provides durability and long-lasting use
- Waterproof
- Oil-resistant
- High visibility with eye-catching stripe patterns
- Quick release liner



VT3000Y

VT3000R

## Viking® Safety Maxx

- 2" tape CSA Z96-15, ANSI/ISEA 107-2015 ankle and wrist bands in 4" wide configuration
- Can be worn for high visibility in combination with safety jackets, vests and T-shirts to meet Class 2 or Class 3 CSA standards
- Comfortable polyester quick dry design

### 6185W Wristers

- 14" and adjustable

### 6185A Anklers

- 18" and adjustable

6185WO



6185AO



6185WG



6185AG



Size Fits all

## Viking® Neoprene Wrister

- Flexible, durable, and water-resistant
- Cut- and abrasion-resistant
- Great for fishing and marine industries
- Double stitched seams
- Machine washable
- Fits on over or underneath jacket sleeves for an extra snug fit and waterproof protection
- Provides extra insulation and warmth for the forearm
- Wristers are sold in pairs



VA21

Size S - XL





### Kleen-Glo® All Purpose Natural Cleaner

- 100% biodegradable cleaner
- Tough on grease and dirt but gentle on skin
- Removes spots, stains, ink, and crayon from colourfast and synthetic material
- 12 x 500g bottle per case

00300K



### Vancouver Only® Biodegradable Laundry Powder

- 100% biodegradable HE compatible
- No phosphates, no nitrates
- Safe for septic tanks
- Formulated for soft water
- 9 x 2.1kg bag per case

00106



### Wizard Ammonia (Clear) with Bitrex

- All-purpose cleaner for laundry, woodwork, and windows, wax stripping; also removes grease
- Eliminates stains and tarnish
- 00251: 12 x 1L bottle per case
- 00253: 8 x 2L bottle per case

00251 / 00253



### Evercare® Lint Roller

- Quality crepe tape is extra sticky
- 01342: Giant 60-layer roller (6 units per case)
- 01061: Regular 70-layer roller (12 units per case)
- 01062: Regular 70-layer refill (12 units per case)

01342

01061

01062



### Evercare® Fabric Shaver

- Triple blade action removes fuzz and lint quickly
- Heavy-duty motor
- Easy-to-remove wastebin
- 6 units per case

02710



### Evercare® Lint Removal Fantastic Brush

- Durable and reusable
- Effectively removes lint, dust, dandruff, and pet hair from clothing, bedding, and upholstery
- 2-sided brush
- 12 units per case

00300E



# ENGINEERED TO LAST



## What Sets Viking® Boots Apart from Other Brands?

We focus on safety—not as a guide—but as a philosophy, making sure every boot we produce exceeds the standards and embraces comfort and wellness for the wearer.

We have developed unique last designs that allow us to produce boots that fit like a shoe, our “Snug Fit”. We work with miners, foresters and firemen to understand their comfort issues, and introduced technologies in air and moisture control to help improve the wellness of those using our boots, and ergonomic insoles to enhance the comfort of the fit.

### Snug Fit

Traditional “gum” boots, and injection molded boots are produced on a straight, widening shaft last, so as to make them strippable from the last.



The result is a loose fit with little ankle and arch support, causing increased fatigue and an overall sloppy feel. Viking® developed new, innovative, multi piece lasts, allowing us to taper the ankle area of the shaft to create a form fitting and supportive boot that can be easily removed from the last. We developed a new insole system with an ergonomic design to support the arch and improve the stability of the fit—the resulting “Snug Fit” design boots. Slip-on boots that feel like they are laced on; superior ankle/heel support to reduce incidences of ankle roll-over; superior arch support to reduce fatigue, finally a gum boot that moves with you, as part of you.

Now available in all Viking® light Chainsaw boots (VW58-1, VW59-1), Viking® Mining Boots (VW42), Viking® Ultimate Construction Boots (VW88), Viking® Firewall FR® Boots (VFW 60-1), Viking® Non-Safety Boots (VW22, VW23, VW29), Viking Handyman® Boots (VW3, VW 3-1) and Viking Firefighter® Boots (VW90, VW91).

### Air, Moisture Control (AMC)

Viking® developed two socks to increase the wellness of the user of rubber boots.



### VF22

The first is a dual layer thermal, acrylic/cotton, construction sockette that provides ventilation while wicking perspiration away from your feet. An external cotton layer to absorb and evaporate moisture. Acrylic fleece inside layer insulates while drawing perspiration from your feet to the cotton exterior.

### VF25

The second was in response to abrasion and chaffing on the calve, due to perspiration buildup within the boot in more temperate environments (underground mining); we developed a triple layer Neoprene sock/bootie that transfers perspiration away from the calve, and through the top of the boot significantly reducing chaffing and abrasion.

## Material

### Rubber

Injection molded or handmade, rubber boots offer the highest level of abrasion, tear, and puncture resistance. Injected rubber boots can only offer limited safety features, being a steel toe cap and plate, with Electric Shock Resistance, whereas a handmade rubber boot can incorporate shin and metatarsal protection, chainsaw and circular saw protection, thermal heat and Hydro Carbon Flash fire protection, and one of the highest level of chemical resistance—safety features that provide workers with the highest level of safety assurance. With slip resistance the hot topic in safety today, rubber offers the highest level of slip resistance.



### PU (Polyurethane)

Only produced through injection molding, polyurethane boots are generally soft and comfortable. Incorporating steel toe caps and plates, PU boots can also achieve Electric Shock Resistance. PU has good resistance to animal oils and fats, manure, and light solvents. It is typically used in specific industries (agriculture, food processing). PU offers a good level of slip resistance.

## Injection Molded or Hand Made Industrial Safety Rubber Boots?

100% Waterproof Safety boots can be produced in two methods, by injection molding PU, PVC or TPR into a molded former, or by hand lasting layers of rubber. Injection molding is considerably more economical, but lacks the diversity in safety features a handmade boot can achieve. Handmade boots can use blended rubbers to achieve unique chemical, and abrasion resistances. Handmade boots can include metatarsal protection, as well as chainsaw and fire protection that injection boots cannot.

**We focus on safety—not as a guide—but as a philosophy, making sure every boot we produce exceeds the standards and embraces comfort and wellness for the wearer.**





## Different Types of Rubber Compound

Not every rubber boot is created equal. Different compound and mixtures of rubber are used to create boots that are specific to a type of hazard or environment.

### Natural Rubber - NR

Organic compound isoprene offers a good degree of flexibility, tensile strength and tear resistance.

### Styrene Butadiene Rubber - SBR

A synthetic rubber derived from styrene and butadiene offers excellent resistance against abrasion

### Nitrile Butadiene Rubber - NBR

A synthetic rubber derived from copolymers of acrylonitrile and butadiene offers protection from oil, fuel, and chemical.

### Chloroprene Rubber - CR

Commonly known as Neoprene, high tensile strength, resilience, and the key component in oil-, and flame-resistant foot wear.

### SBR blended NR

A higher tensile strength and tear resistance but still offer a good degree of flexibility and highly chemical resistant.

### NBR blended NR

Superior durability over natural rubber in terms of chemical resistance, especially to oil, fuel, acids, etc.

## Chemical Resistance Chart for Rubber Boots

Rubber boots provide resistance from*:	
Alcohol	Hydrazine
Ammonium Chloride	Hydrochloric Acid
Ammonium Hydroxide	Insecticides
Battery Acid	Nickel Sulphate
Calcium Chloride	Nitric Acid
Calcium Hydroxide	Potassium Chloride
Calcium Nitrate	Potassium Hydroxide
Citric Acid	Silver Nitrate
Construction Cement	Sodium Chloride
Copper Chloride	Sodium Hydroxide
Copper Sulphate	Sodium Hypochloride
Formic Acid	Strong Floor Cleaners
Herbicides	Sulphuric Acid

\*Specifications of the product are subject to changes without prior notice for further enhancement. This information is intended as a guide only. Many conditions can affect material choices. Careful consideration must be given to temperature, pressure, and chemical concentrations before using the product. The compound should be tested under actual service conditions to ensure compatibility.



## Who is Harvik?

Harvik Rubber Sdn. Bhd. is the world's leader in high tech safety rubber footwear. Established in 1972, Harvik, nee Viking Askim, is the world's largest rubber safety footwear factory located in Penang Malaysia, on a 20-acre site with +500 employees, and an annual production capacity of over one million pairs of rubber safety footwear.

Originally called Viking Askim following its Nordic roots, in the mid 1980s the name was changed to Harvik, bringing together the HAR from Harrison Rubber plantation and VIK from Viking Askim to form HAR + VIK, Harvik. Customers from all over the world have come to trust Harvik's innovative and quality manufacturing. Harvik and Viking boots can be found in over 60 countries including Europe, North & South America, Russia, Middle East, South Africa, Asia Pacific, New Zealand and Australia.

## What is Their Relation to Viking®?

Harvik Rubber and Viking® are sister companies, as part of the international marketing and manufacturing corporation MIK Industries Ltd. All Viking® rubber boots are manufactured by Harvik. Harvik is part of the integrated supply chain that Viking® works closely with to produce products that are of the highest safety standards, quality, and value.

## Manufacturing, Innovation, and Knowledge

Harvik and Viking® work closely with the safety standard boards of each country (Satra, UL, NFPA, CSA), to promote safety in the workplace for footwear. Harvik has its own CSA/CE accredited laboratory, state-of-the-art testing equipment for chainsaw cut, and anti-slip.

Harvik and Viking® are the dominant producers/suppliers of rubber fireman boots, mining boots, and chainsaw boots globally. Recent technologies and innovations include 40,000 psi water pressure resistant boots; Hydro-carbon Flash Fire resistance in conformance with NFPA F2112, and CGSB 155.20; High chemical and abrasion resistant NBR (Nitrile butadiene rubber) with SRC "C" slip resistant boots; and our Ultimate Construction boots, that bring the technologies of Fire, Mining, Chainsaw, and Hydro-carbon Flash fire all together in one boot—providing the highest level of chemical resistance (including cement exposure), 300°C heat resistance, chainsaw; circular saw; and Masonry saw cut protection, Electric Shock Resistance to 18KV, Metatarsal and shin protection, and hydro-carbon flash fire certification.

**Harvik and Viking® work closely with the safety standard boards of each country (Satra, UL, NFPA, CSA), to promote safety in the workplace for footwear.**



## Viking® Miner 49er Boots

- CSA M / ASTM Mt/75 Metatarsal protection
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega - Electric shock resistant 18kV
- European Standard CE Approved - EN ISO 20345:2011
- Australia New Zealand Standard Approved - AS/NZS 2210.3.2009
- SBR blended NR upper with cotton canvas lining
- Highly chemical resistant rubber upper
- Oil-, chemical-, abrasion-, heat-, slip-resistant, and air cushioned NBR lug sole
- Achilles tendon and ankle protection
- Compatible with ice studs
- Ultra flexible: Exceeds 305,000 Flex Rating
- Hang holes on the sides of the boots
- 14" Tall



VW49

## Viking® Miner 49er Tall Boots

- CSA M / ASTM Mt/75 Metatarsal protection
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega - Electric shock resistant 18kV
- European Standard CE Approved - EN ISO 20345:2011
- Australia New Zealand Standard Approved - AS/NZS 2210.3.2009
- SBR blended NR boots with cotton canvas lining
- Highly chemical resistant rubber upper.
- Oil-, chemical-, abrasion-, heat-, slip-resistant, and air cushioned NBR lug sole
- Achilles tendon and ankle protection
- Compatible with ice studs
- Ultra flexible: Exceeds 305,000 Flex Rating
- 16" Tall



VW49T

## Viking® MET Guard Boots

- CSA M Metatarsal Protection
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- SBR blended NR upper with polyester lining
- Abrasion-, air cushioned, and slip-resistant 100% natural rubber lug sole
- Highly chemical resistant rubber upper
- Achilles tendon and ankle protection
- 14" height plus 2" nylon cuff to seal out debris, and dust
- Snug fit design to provide extra comfort and safety and reduce incidences of ankle roll-over
- Compatible with ice studs
- Ultra flexible: Exceeds 305,000 Flex Rating
- Ergonomic insoles (VF23) included



VW42



VW58-1



VW59-1

### Viking® Bushwhacker Boots

- CSA Z195-14 "Green Fir Tree" chainsaw protection - Chainsaw Protection (Highest Class - Class 3: 28m/sec chainsaw speed as per EN ISO 17249: 2013)
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- Snug Fit design and ergonomic insole
- SBR blended NR upper with cotton canvas lining
- Highly chemical resistant rubber upper
- Nylon cuff to seal out debris and dust
- Abrasion-, chemical-, and oil-resistant NBR lug sole
- Air-cushioned heel with achilles tendon, ankle and metatarsal protection
- Ultra flexible: Exceeds 305,000 Flex Rating

#### VW58-1

- CSA Omega – Electric shock resistant 18kV
- Compatible with ice studs



Size 4 - 15



#### VW59-1

- NBR caulked sole
- Spiked sole having limited chemical resistance



Size 4 - 14



VW58-3

### Viking® Winter Bushwhacker Boots

- CSA Z195-14 "Green Fir Tree" chainsaw protection - Chainsaw Cut Protection Class 3 (28m/sec chainsaw speed as per EN ISO 17249:2013)
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega – Electric shock resistant 18kV
- Made of SBR blended NR for maximum chemical protection
- High impact, abrasion-, chemical-, and oil-resistant NBR lug sole
- Highly chemical resistant rubber upper
- Removable foam liner provides warmth for up to -70°C/-100°F
- Air-cushioned heel with achilles tendon, ankle, and metatarsal protection
- Compatible with ice studs
- Ultra flexible: Exceeds 305,000 Flex Rating



Size 6 - 14



VW68-1



VW69-1

### Viking® Timberwolf Boots

- CSA Z195-14 "Green Fir Tree" chainsaw protection - Chainsaw Cut Protection Class 3 (28m/sec chainsaw speed as per EN ISO 17249:2013)
- CSA Z195-14 / ASTM F2413-11 Grade 1 steel toe and plate
- SBR blended NR upper with cotton canvas lining
- High impact, abrasion-, chemical-, and oil-resistant NBR lug sole
- Highly chemical resistant rubber upper
- Achilles tendon, ankle protection
- Rubber lace collar with safety reflective stripe
- Ultra flexible: Exceeds 305,000 Flex Rating

#### VW68-1

- CSA Omega – Electric shock resistant 18kVs
- Compatible with ice studs



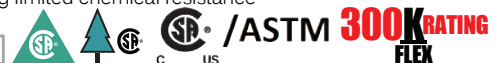
Size 5 - 15



#### VW69-1

- NBR caulked sole
- Spiked sole having limited chemical resistance

Size 5 - 15





## CLASS 3 CHAINSAW BOOTS

### Viking® Black Tusk® Boots

- CSA "Green Fir Tree" chainsaw protection
- Chainsaw Protection (Highest Class - Class 3: 28m/sec chainsaw speed as per EN ISO 17249:2013)
- Leather top, rubber bottom, and cotton canvas lining
- Achilles tendon, ankle and metatarsal protection

#### VW78-1

- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega – Electric shock resistant 18kV
- Abrasion-, oil-, chemical-, and slip-resistant NBR lug sole
- Compatible with ice studs

Size **5 - 15**



MADE IN CANADA



VW78-1

VW79

#### VW79

- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe only
- SBR blended NR caulked sole
- Spiked sole having limited chemical resistance

Size **6 - 14**



MADE IN CANADA

### Viking® Leather Chainsaw Boots

- CSA Z195-14 "Green Fir Tree" chainsaw protection
- Chainsaw Protection (Highest Class - Class 3: 28m/sec chainsaw speed as per EN ISO 17249:2013)
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- Lightweight - The genuine leather upper and lower construction of the boot significantly decreases the weight in comparison to having rubber bottom
- Water-resistant full cow grain leather upper
- Abrasion-, Oil-, chemical-, and slip-resistant NBR lug sole
- Quick dry nylon lining and soft footbed insole
- Air-cushioned heel with achilles tendon and ankle protection
- Laced up design for maximum comfort and a tighter fit to prevent from ankle roll and foot fatigue

Size **6 - 12**



VW77-1



## CLASS 2 CHAINSAW BOOTS

### Viking® Class 2 Chainsaw Boots

- ASTM F1818 chainsaw protection
- Chainsaw Protection (Mid Class - 24m/sec chainsaw speed EN ISO 17249:2013)
- ASTM F2413-11 Grade 1 steel toe
- SBR blended NR upper with cotton canvas lining
- Highly chemical resistant rubber upper
- Abrasion-, oil-, chemical-, and slip-resistant NBR lug sole
- Achilles tendon, and ankle protection
- Air-cushioned heel
- Rubber lace collar with safety reflective stripe
- Ultra flexible: Exceeds 305,000 Flex Rating

Size **6 - 14**



#### VW64-1

- Compatible with ice studs

#### VW65

- NBR caulked sole
- Spiked sole having limited chemical resistance



U.S. ONLY

VW64-1

U.S. ONLY

VW65



VW76

### Viking® Ericsen® Boots

- CSA Z195-14 / ASTM F2413-11 Grade 1 steel toe only
- CSA Omega - Electric shock resistant 18kV
- Leather top, rubber bottom, and cotton canvas lining
- Abrasion-, oil-, chemical-, and slip-resistant NBR lug sole
- Reinforced heel area
- Ballistic nylon cut-resistant protection in shin and toe area
- Compatible with ice studs

Size 6 - 14



VW56

VW57

### Viking® Spiked Forester® Boots

- SBR blended NR rubber boots with polyester lining
- Highly chemical resistant rubber upper
- Polyester flap behind laces
- Reinforced heel and instep
- SBR blended NR caulked sole
- Used for forestry, surveying, and roofing
- Ultra flexible: Exceeds 305,000 Flex Rating

#### VW56

- Soft toe

Size 6 - 13

#### VW57

- CSA Z195-14 / ASTM F2413-11 Grade 1 steel toe only

Size 5 - 13



## DIELECTRIC BOOTS



9726V

### Harvik by Viking® 12" Dielectric Safety Boots

- CSA Z195-14 / ASTM F2413-11 Grade 1 steel toe only
- CSA Omega - Electric shock resistant 18kV
- Individually tested, withstanding voltage up to 10 kV in wet condition, and 37 kV in dry condition
- Dielectric boots contain 200 Joule Epoxy coated steel toe
- SBR blended NR upper with polyester lining
- Highly chemical-resistant rubber upper
- Extra shin protection
- Cut-off line to make boot shorter
- Abrasion-, chemical-, oil-, heat- and slip-resistant, and air cushioned vulcanized NBR lug sole for inimical environment
- Resistance to hot contact 300°C/527°F for 60 seconds
- Ultra flexible: Exceeds 305,000 Flex Rating

Size 6 - 14



## Viking Firefighter® Chainsaw Boots

- NFPA : 1971 - 2013 protective footwear for structural fire fighting
- NFPA : 1992 - 2012 liquid splash-protective against hazardous material emergencies
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Z195-14 "Green Fir Tree" chainsaw protection - Chainsaw Protection (Highest Class 3 (28m/sec chainsaw speed as per EN ISO 17249:2013)
- CSA Omega - Electric shock resistant 18kV
- Extra comfort non-woven para/meta aramid FR lining excellent flame resistant property
- 16" tall Snug-fit design and ergonomic insole, plus the optional felt insole to adjust fit
- Highly chemical resistant rubber upper
- Flame retardant rubber upper
- Reinforced backstay for heel tendon protection
- Metatarsal, shin impact, and chainsaw protection through multiple layers of polyaramide, and rubber
- Shaft is also lined with polyaramide for protection
- Ankle padding protection and foam midleg padding for additional support
- Viking NJV outsole – abrasion-, chemical- and slip-resistant chloroprene rubber outsole
- Ultra flexible: Exceeds 305,000 Flex Rating
- Safety reflective patch on the back of the boot
- Heavy-duty rubber pull straps
- Half sizes available

Size 4 - 15

Size 4.5 - 11.5



/ASTM



VW91

## Viking Firefighter® Felt Lined Boots

- NFPA : 1971 - 2013 protective footwear for structural fire fighting
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega - Electric shock resistant 18kV
- Chemical resistant tested as per EN 13832-1:2006
- 14" tall Snug Fit design and ergonomic orthotic insole
- Flame retardant rubber upper with grey felt lining
- Highly chemical-resistant rubber upper
- Vamp and leg lined with felt lining material for comfort and thermal insulation
- Reinforced backstay for heel/tendon protection
- Steel mid sole for footstep protection against penetration
- External rubber shin guard adds protection and comfort while working on ladders
- Abrasion-, oil-, chemical-, slip-resistant, and heat-retardant chloroprene rubber lug sole
- Safety reflective patch on the side of the boot
- Heavy-duty rubber pull straps
- Ultra flexible: Exceeds 305,000 Flex Rating
- Compatible with ice studs

Size 5 - 14



VW90

## Harvik by Viking® Firefighter Boots

- NFPA : 1971 - 2013 protective footwear for structural fire fighting
- NFPA : 1992 - 2012 liquid splash-protective against hazardous material emergencies
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega – Electric shock resistant 18kV
- 16" tall classic fit design
- Flame retardant rubber upper with polyaramide lining
- Highly chemical-resistant rubber upper
- Extra comfort non-woven para/meta aramid FR lining with excellent flame resistant properties
- Reinforced backstay for heel/tendon protection
- Steel mid sole for footstep protection against penetration
- External rubber shin guard adds protection and comfort while working on ladders
- Shaft is also lined with polyaramide for protection
- Abrasion-, oil-, chemical-, heat-, and slip-resistant chloroprene rubber NJV sole
- Safety reflective patch on the side and back of the boot
- Ankle padding protection and foam midleg padding for additional support
- Heavy-duty pull straps
- Ultra flexible: Exceeds 305,000 Flex Rating

Available for booking only

Size 7 - 14



/ASTM



VW93





VFW60-1

## Viking® Firewall™ Rigger Boots

- Meets CGSB 155.20 Hydrocarbon Flash Fire Protection; Thermal Protective Protection (TPP) with the spacer 58 cal/cm<sup>2</sup> and TPP without spacer 58.8 cal/cm<sup>2</sup>
- CSA Z195-14/ASTM F2413-11 Grade 1 steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- CSA M / ASTM Mt/75 Metatarsal protection
- NBR blended NR rubber boots with polyester lining
- NBR rubber for maximum chemical protection
- Handcrafted 100% waterproof-, and oil-resistant
- Fire retardant upper provides flame and thermal protection
- Self-cleaning NBR lug sole
- Reinforced heel and instep
- Cement-, fuel-, and oil-resistant sole
- Sole resistant to 300°C/572°F hot contact
- Super slip-resistant
- Ergonomic orthotic insoles included
- Hang up holes on the sides of each boot
- Snug fit design to provide extra comfort and safety and reduce incidences of ankle roll-over
- 12" tall boot
- Ultra flexible: Exceeds 305,000 Flex Rating
- Compatible with ice studs



Size 6 - 14



VW53-1

## Viking® Firewall™ MET Guard Boots

- Meets CGSB 155.20 Hydrocarbon Flash Fire Protection; Thermal Protective Protection (TPP) with the spacer 58 cal/cm<sup>2</sup> and TPP without spacer 58.8 cal/cm<sup>2</sup>
- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA M / ASTM Mt/75 Metatarsal protection
- CSA Omega - Electric Shock Resistant 18kV
- NBR blended NR upper with polyester lining
- Highly chemical-resistant rubber upper
- Reinforced heel and instep
- Self-cleaning NBR lug sole
- Fire retardant upper provides flame and thermal protection
- Abrasion-, oil-, chemical-, slip-, and heat-resistant chloroprene lug sole
- Sole resistant to 300°C/572°F hot contact
- Ultra flexible: Exceeds 305,000 Flex Rating
- Compatible with ice studs



Size 6 - 13



## CONSTRUCTION BOOTS



VW88

## Viking® Ultimate® Construction Boots

- CSA Z195-14/ ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- Chainsaw Protection (Mid Class: 24 m/sec chainsaw speed as per EN ISO #17249:2013)
- EN ISO 20345:2011 SB PE HRO FO SRA
- SBR blended NR upper with cotton canvas lining
- Highly chemical-resistant rubber upper
- Circular saw cut resistance
- 15" in height, 3" nylon cuff with adjustable toggle to keep debris out
- Only 3% of degradation after immersed in cement for 70 hours
- Reinforced achilles protection
- Kick off spur
- Abrasion-, oil-, chemical-, heat-, and slip-resistant, and air cushioned NBR lug sole
- Protection against slipping into rebar; preventing bruising, lacerating of the shin/ankle
- Slip-resistant soles resistant to 300°C/572°F hot contact
- Snug-fit design to reduce foot fatigue and ankle rollover
- Ultra flexible: Exceeds 305,000 Flex Rating
- Compatible with ice studs



Size 6 - 14



## Viking® Work Boots

- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- SBR blended NR upper with polyester lining
- Highly chemical resistant rubber upper
- Polyester flap behind laces
- Self-cleaning lug sole
- Reinforced heel and instep
- Abrasion-, oil- chemical-, heat-, and slip resistant SBR blended NR outsole
- Used for construction, road work, farm work and forestry
- Ultra flexible: Exceeds 305,000 Flex Rating
- Compatible with ice studs

Size 4 - 6 available for booking

Size **7 - 13**



**300K RATING**  
**FLEX**



**VW53**

## Viking Journeyman® Boots

- CSA Z195-14/ ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- SBR blended NR upper with cotton canvas lining
- Highly chemical resistant rubber upper
- Abrasion-, oil-, chemical-, heat-, and slip-resistant, SBR blended NR outsole
- Self-cleaning lug sole
- Ultra flexible: Exceeds 305,000 Flex Rating
- Compatible with ice studs

Size **5 - 15**



**300K RATING**  
**FLEX**



**VW8-3**

## Viking Handyman® Rubber Boots

- Industrial strength 100% waterproof, handcrafted natural rubber
- Superior slip resistance compared to PVC and PU (2 to 3 times better)
- Abrasion-, oil-, chemical-, heat-, and slip-resistant, SBR blended NR outsole
- Self-cleaning lug sole
- Snug Fit design to reduce foot fatigue and ankle rollover
- Super lightweight; approximately 40% lighter than PU or PVC
- 14" in height
- Ultra flexible: Exceeds 305,000 Flex Rating

**VW3**

- Soft Toe
- Boot weight: 1.65-1.70kg/pair (3.64-3.75lbs)

Size **6 - 14**

**VW3-1**



**300K RATING**  
**FLEX**

- CSA Z195-14/ ASTM F2413-11 Grade 1 steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- European Standard CE Approved
- EN ISO 20345:2011
- Boot weight: 1.95-2kg/pair (4.30-4.41lbs)

Size **6 - 14**



**300K RATING**  
**FLEX**



**VW3**



**VW3-1**



U.S.  
ONLY

VW29

## Viking® Non-Safety Boots

- 16" Rubber boots
- NR blended NBR with polyester lining
- Superior resistance to chemical acids, and organic compounds (ie: Sugar, and agro-farm chemical)
- Designed to be resistant to: animal fats, fish oils, Ketone, paint solvents, fuel oil mix, oil, and grease
- Self-cleaning, flexible, non-slip chevron NBR sole with smooth non-net catching design
- Ergonomic "SNUG-FIT" last design: ankle fitted for excellent support and comfort
- Comfortable ergonomic insole (removable)
- Steel shank for stability
- Ultra flexible: Exceeds 305,000 Flex Rating

Size 4 - 16



VW22

## Viking® Insulated Safety Boots

- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe only
- 16" Rubber boots
- NR blended NBR upper with neoprene lining
- Superior resistance to chemical acids, and organic compounds (ie: Sugar, and agro-farm chemical)
- Designed to be resistant to: animal fats, fish oils, Ketone, paint solvents, fuel oil mix, oil, and grease
- Self-cleaning, flexible, non-slip chevron NBR sole with smooth non-net catching design
- Ergonomic "SNUG-FIT" last design: ankle fitted for excellent support and comfort.
- Comfortable ergonomic insole (removable)
- Steel shank for stability
- Ultra flexible: Exceeds 305,000 Flex Rating

Size 5 - 14



/ASTM



U.S.  
ONLY

VW23

## Viking® Non-Safety Insulated Boots

- 16" Rubber boots
- NR blended NBR upper with neoprene lining
- Superior resistance to chemical acids, and organic compounds (ie: Sugar & agro-farm chemical)
- Designed to be resistant to: animal fats, fish oils, Ketone, paint solvents, fuel oil mix, oil, and grease
- Self-cleaning, flexible, non-slip chevron NBR sole with smooth non-net catching design
- Ergonomic "SNUG-FIT" last design: ankle fitted for excellent support and comfort
- Comfortable ergonomic insole (removable)
- Steel shank for stability
- Ultra flexible: Exceeds 305,000 Flex Rating

Size 5 - 14





## WATER JET BOOTS

### Viking® Water Jet Boots

- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA OMeGa - Electric Shock Resistant 18kV
- ASTM Mt/75 Metatarsal protection
- European Standard CE Approved - EN ISO 20345:2011
- High chemical and abrasion resistance
- NBR rubber for maximum chemical protection
- Oil-, chemical-, and slip-resistant NBR sole
- Reinforced backstay for heel/tendon protection
- Steel shank and air cushioned sole pockets
- Adjustable nylon guard keeps out water and debris
- AMC socks (VF22) included
- Air moisture control socket for comfort
- Heavy-duty cotton canvas lining
- Ultra flexible: Exceeds 305,000 Flex Rating

PSI 40,000

BAR 2700

**300K**RATING  
FLEX

Size 8 - 14



VW40

#### Understanding the Hazards

High pressure water can produce pressure as high as 36,000 PSI, at a short distance. This is a potential hazard that many are not aware of. This level of PSI can potentially cut through steel and is definitely capable of inflicting severe injury.

## RECREATIONAL BOOTS

### Harvik by Viking® ComfortLite Boots

- Deliver industrial grade durability, anti-slip resistance, and resistant against chemicals, and abrasion
- Ultra-lightweight, comfortable, and flexible
- Nylon cuff helps prevent debris or water from entering the boot
- Rubber construction increases strength and durability
- Upper properties achieve strong acid and alkali resistance
- Lug sole enhances traction over rough terrains
- Double rubber ladder shank improves stability and support
- Neoprene liner provides enhanced warmth and comfort
- Ultra flexible: Exceeds 305,000 Flex Rating



9105VG

9105VN

9105VB

9105VR

**300K**RATING  
FLEX

Size 4 - 13

### Viking® Mariner Kadett Boots

- SBR blended NR 10" boots with polyester lining
- Slip-resistant 100% Natural Rubber outsole
- Removable orthopedic designed insole
- Unisex fit
- Non-marking sole



VW24

Size 3 - 13



VW26

### Viking® Mariner Boots Features

- SBR blended NR 16" boots with polyester lining
- 100% Natural Rubber upper with polyester lining for extra comfort and durability
- Highly chemical resistant rubber upper
- Sperry soles for ultimate slip resistance on fiber glass
- Cut-off line to make boot shorter
- Removable orthopedic designed insole
- 3 lace rear bellows
- Unisex fit
- Non marking soles

Size 3 - 13



U.S. ONLY VW37



U.S. ONLY VW38

### Viking® Gator Marine Boots

- Insulated SBR blended NR boots for cold weather protection
- Non-slip chevron deck rubber sole in non-netcatching design
- Steel shank for extra stability
- Adjustable belt collar to seal out water and snow
- Extra wide calves for easy entry
- Alaska tested for warmth and comfort
- Warm pile insulated lining good to -20°C / -4°F
- Ultra flexible: Exceeds 305,000 Flex Rating

#### VW37

- 13" tall

Size 6 - 14



300K RATING FLEX

#### VW38

- 15" tall

Size 4 - 14



300K RATING FLEX



## Viking® Arctic Extreme Boots

- CSA Z195-14 / ASTM F2413-11 Grade 1 Steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- Cold weather protection
- SBR blended NR upper with cotton canvas lining for extra comfort
- Abrasion-, oil-, chemical-resistant sole suitable for inimical environment
- Slip-resistant, self-cleaning NBR lug sole
- Removable foam liner provides warmth for up to -70°C/-100°F
- 420 Denier nylon rip-stop collar with black lace tie
- Ultra flexible: Exceeds 305,000 Flex Rating
- Compatible with ice studs

Size **6 - 14**



VW12-1

## Viking® Leather Winter Boots

- CSA Z195-14 / ASTM F2413-11 Grade 1 steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- Removable foam liner provides warmth for up to -70°C/-100°F
- Durable, handcrafted 100% water-resistant full cow grain leather upper and lace up design for maximum comfort and a tighter fit to prevent from ankle roll and foot fatigue
- Oil-, chemical-, fuel- and slip-resistant NBR lug sole suitable for inimical environment
- Natural rubber bottom and cotton canvas lining
- Pull-on tab
- Reinforced heel area
- Compatible with ice studs

Size **7 - 13**



VW75-3

## Viking Handyman® Winter Rubber Boots

- Industrial strength 100% waterproof, handcrafted natural rubber
- Removable foam liner provides warmth for up to -70°C/-100°F
- Better slip resistance than PVC and PU
- Abrasion-, oil-, chemical-, heat-, and slip-resistant, SBR blended NR outsole
- Self-cleaning lug sole
- Super lightweight; approximately 40% lighter than PU or PVC
- Ultra flexible: Exceeds 305,000 Flex Rating
- 14" tall

**VW3-3**

- Soft toe
- Boot weight: 2.13 - 2.18 kg/pair (4.70 - 4.81 lbs)

Size **6 - 14**



**VW3-1-3**

- CSA Z195-14/ ASTM F2413-11 Grade #1 steel toe and plate
- CSA Omega - Electric Shock Resistant 18kV
- Boot weight: 2.43 - 2.48 kg/pair (5.36 - 5.47 lbs)

Size **6 - 14**



VW3-3



VW3-1-3



# TATRA BOOTS



Tatra boot customers are workers that work in environments where they are on concrete, in warehouses, on scaffolding, and hardpan ground, they need surface contact for sure grip—Tatra's designs provide the best of this. We tested the slip resistance of the outsoles on our Harvik EN Slip Resistant testing equipment and they pass SRA and SRB, therefore are SRC—the highest level of slip resistance.

Most boot makers know that rubber to leather vulcanizing is the best form of sole attachment. However, rubber compounds are generally higher density and therefore heavy. The industry moved to using PU as a midsole with a rubber outsole to reduce the weight, or went fully to PU injected soles. Most "rugged" sole leather boots you see today are PU injected, they look rugged, but in fact are very poor in abrasion, chemical and puncture resistance, and therefore don't have long life span.

## Unique, Long-Lasting Sole System

Tatra invented a patent pending process to adhere Rubber to PU to Leather that eliminates the common delamination problem with PU midsoles and PU injection soles—they delaminate within 3 to 6 months from the leather due to deterioration of the glue/cement. This is the #1 cause of early failure in leather footwear—the sole comes off.

We took Tatra's patent pending technology, combined this with our rubber compounding formulas to build a sole system that we GUARANTEE will not separate, crack, or tear for at least 2 years! This increases the life span of Tatra footwear to over 4 times the average of safety boots in the \$100 retail range.

## Tough, Solid Safe Footwear

Tatra builds boots that prevent injury, provide solid integrity in construction to allow comfortable use with shovels, ladder climbing, re-bar climbing, and walking on rough terrain. We use RUBBER—better slip resistance, better abrasion resistance, better chemical resistance; the result—a boot sole that meets and substantially exceeds the rigors of today's workers in tough, rough, and harsh environments. Tatra boots will reduce injuries related to ankle twists, foot fatigue, metatarsal impact, and punctures, while providing excellent value in life span and performance. If you are going to work in harsh environments—make your footwear rugged, tough, solid, and safe!

**Boot soles that meet and substantially exceed the rigors of today's workers in tough, rough, and harsh environments.**



## Why Tatra?

### Sole Separation

Tatra Footwear utilizes a revolutionary patent pending sole attachment process ensuring the strongest bond between the PU midsole and a rubber outsole.

### Stitching

Tatra uses only the highest quality, high tensile strength thread, stitched using a strong lockstitch sewing technique followed by a backstitch. This ensures the stitching will not unravel or fray.

### Quality of Leather

Tatra builds footwear using the highest quality leather from cowhides sourced in the USA. Cow hides are stronger, thicker, and less prone to getting torn than any other animal hides, like water buffalo. This leather is also suppler, more flexible, resistant to heat and sun damage, and repels moisture better than any other leather. Tatra only uses 2.0mm-2.2mm leather, far above the industry norm, to ensure the durability, ruggedness, and longevity of the footwear we produce.

### Internal Metguard

Tatra's patented internal metguard ("flexguard") is the best in market due to its safety performance, flexibility, comfort, and durability. The "flexguard" internal metguard is designed to exceed the minimum protection standards of CSA Z195-M75 certification and provides the highest level of metatarsal protection in the industry.

### Value through Quality

Tatra footwear are built the right way, using the right ingredients to create footwear that will not fail.

**We took Tatra's patent pending technology and combined this with our rubber compounding formulas to build a sole system that we guarantee will not separate, crack, or tear for at least 2 years.**

## Tatra 6" Internal Flexguard™ Safety Boots

- CSA Steel Toe and Lenzi Plate / Swen-flex Pro® puncture-resistant insole
- CSA Electric Shock Resistance (E.S.R.)
- CSA Z195-14 Grade 1 Approved
- ASTM F2413-11 Approved
- CSA M / ASTM Mt/75 Metatarsal protection
- Patented Flexguard™ Metatarsal Protection contours to the foot and reduces the hazard of tripping
- Patented internal Flexguard™ technology provides superior flexibility, increased protection, and maximum comfort
- Patent pending sole attachment technology protects against sole separation
- Breathable waterproof membrane for enhanced moisture control
- Extra leather for increased heel protection
- Bumper toe and wide fitting CSA steel toe cap for improved comfort
- Polyurethane removable insole for added comfort and anti-fatigue
- Oil- and acid-resistant rubber outsole for enhanced slip resistance

Size 4 - 5 available for booking

Size **6 - 13**



**F6617**

## Tatra 8" Internal Flexguard™ Leather Safety Boots

- CSA Steel Toe and Lenzi Plate / Swen-flex Pro® puncture-resistant insole
- CSA Electric Shock Resistance (E.S.R.)
- CSA Z195-14 Grade 1 Approved
- ASTM F2413-11 Approved
- CSA M / ASTM Mt/75 Metatarsal protection
- Patented Flexguard™ Metatarsal Protection contours to the foot and reduces the hazard of tripping
- Patented internal Flexguard™ technology provides superior flexibility, increased protection, and maximum comfort
- Patent pending sole attachment technology protects against sole separation
- Breathable waterproof membrane for enhanced moisture control
- Extra leather for increased heel protection
- Bumper toe and wide fitting CSA steel toe cap for improved comfort
- Polyurethane removable insole for added comfort and anti-fatigue
- Oil- and acid-resistant rubber outsole for enhanced slip resistance

Size 4 - 5 available for booking

Size **6 - 13**



**F6817**

## Tatra 8" Side Zipper Boots

- CSA Steel Toe and Lenzi Plate / Swen-flex Pro® puncture-resistant insole
- CSA Electric Shock Resistance (E.S.R.)
- CSA Z195-14 Grade 1 Approved
- ASTM F2413-11 Approved
- Patent pending sole attachment technology protects against sole separation
- Black genuine waterproof leather upper
- Waterproof and breathable Dri-Brelle® membrane lining
- Wide-fitting steel toe cap with edge gasket
- Sealed seam tape stitching technology
- Polyurethane removable insole for added comfort and anti-fatigue
- Oil- and acid-resistant rubber outsole for enhanced slip resistance

Size 4 - 5 available for booking

Size **6 - 13**



**707BK**



E5617

### Tatra 6" Black Slip-on Leather Welders Gaiter Safety Boots

- CSA Steel Toe and Lenzi Plate / Swen-flex Pro® puncture-resistant insole
- CSA Electric Shock Resistance (E.S.R.)
- CSA Z195-14 Grade 1 Approved
- ASTM F2413-11 Approved
- CSA M / ASTM Mt/75 Metatarsal protection
- External Metguard protects against sparks and molten metal
- Patent pending sole attachment technology protects against sole separation
- Elasticized gaiter style for easy slip-off
- Wide-fitting steel toe cap with edge gasket
- Polyurethane removable insole for added comfort and anti-fatigue
- Oil- and acid-resistant rubber outsole for enhanced slip resistance

Size 4 - 5 available for booking

Size **6 - 13**



E6817

### Tatra 8" External Metatarsal Protective Boots

- CSA Steel Toe and Lenzi Plate / Swen-flex Pro® puncture-resistant insole
- CSA Electric Shock Resistance (E.S.R.)
- CSA Z195-14 Grade 1 Approved
- ASTM F2413-11 Approved
- CSA M / ASTM Mt/75 Metatarsal protection
- External Metguard protects against sparks and molten metal
- Patent pending sole attachment technology protects against sole separation
- Black genuine waterproof leather upper with latex-sealed stitching
- Waterproof and breathable Dri-Brelle® membrane lining
- Wide-fitting steel toe cap with edge gasket
- 4 row Nomex®/Kevlar® stitching on vamp
- Polyurethane removable insole for added comfort and anti-fatigue
- Oil- and acid-resistant rubber outsole for enhanced slip resistance

Size 4 - 5 available for booking

Size **6 - 13**



F6817BWP

### Tatra 9" Internal Flexguard™ Leather Mining Safety Boots

- CSA Steel Toe and Lenzi Plate / Swen-flex Pro® puncture-resistant insole
- CSA Electric Shock Resistance (E.S.R.)
- CSA Z195-14 Grade 1 Approved
- ASTM F2413-11 Approved
- CSA M / ASTM Mt/75 Metatarsal protection
- Patented Flexguard™ Metatarsal Protection contours to the foot and reduces the hazard of tripping
- Patented internal Flexguard™ technology provides superior flexibility, increased protection, and maximum comfort
- Patent pending sole attachment technology protects against sole separation
- Breathable waterproof membrane for enhanced moisture control
- Nomex®/Kevlar® threads protect stitching from chemicals and heat
- Extra leather for increased heel protection
- Quadruple stitching for superior durability
- Stitching is seam sealed for waterproof protection
- Bumper toe and wide fitting CSA steel toe cap for improved comfort
- Polyurethane removable insole for added comfort and anti-fatigue
- Oil- and acid-resistant rubber outsole for enhanced slip resistance

Size 4 - 5 available for booking

Size **6 - 13**





## Bekina® StepliteX Boots

- Foamed PU waterproof construction with soft toe
- Long-lasting, tough-wearing PU remains flexible at -30°C / -22°F
- Enhanced comfort: wider fitting
- Anti-bacterial and abrasion-resistant lining
- Kick-off spur for quick removal
- Anti-clogging sole for added slip resistance
- Shock-absorbent heel
- Cut-off line to make shorter boot from 15" to 11.5"
- Lightweight, comfortable, and flexible
- Ergonomic, shock-absorbing, washable footbeds
- Resistant to mineral, manure, vegetable and animal oil or fats, blood and various chemical cleaning products

Size 4 - 15



X210GB

## Bekina® StepliteX Safety Boots

- CSA Z195-14 Grade 1 composite toe cap and midsole
- CSA Omega - Electric Shock Resistant 18kV
- Foamed PU waterproof construction
- Long-lasting, tough-wearing PU remains flexible at -30°C / -22°F
- Enhanced comfort: wider fitting
- Anti-bacterial and abrasion-resistant lining
- Kick-off spur for quick removal
- Anti-clogging sole for added slip resistance
- Shock-absorbent heel
- Cut-off line to make shorter boot from 15" to 11.5"
- Lightweight, comfortable, and flexible
- Ergonomic, shock-absorbing, washable footbeds
- Resistant to mineral, manure, vegetable and animal oil or fats, blood and various chemical cleaning products

Size 4 - 15



X290GB

X290BB

X290WB

## Bekina® StepliteXCI Boots

- CSA Z195-14 Grade 1 composite toe cap and midsole
- CSA Omega - Electric Shock Resistant 18kV
- Foamed PU waterproof construction
- Thermal insulation good up to -40°C / -40°F
- Enhanced comfort: wider fitting
- Anti-bacterial and abrasion-resistant lining
- Kick-off spur for quick removal
- Aggressive winter anti-clogging soles for added slip resistance
- Shock-absorbent heel
- Cut-off line to make shorter boot from 15" to 11.5"
- Lightweight, comfortable, and flexible
- Ergonomic, shock-absorbing, washable footbeds
- Resistant to mineral, manure, vegetable and animal oil or fats, blood and various chemical cleaning products

Size 4 - 15



XC90BR

## Bekina® Thermolite Boots

- CSA Z195-14 Grade 1 Steel toe and plate
- Extra thick microfoam PU compound that's warmer, lighter and longer wearing
- Thermal insulation good up to -50°C / -58°F
- 15" tall; Ergonomic sole design for easy walking
- Anti-bacterial and abrasion-resistant lining
- Extra wide toe, vamp and shaft for a more comfortable fit
- Shock-resistant heel and anti-slip, self-cleaning sole
- Washable, moisture-absorbing, cold-insulating insoles
- Resistant to mineral, manure, vegetable and animal oil or fats, blood and various chemical cleaning products

Z090GG New Thermolite boots available in 2017

Size 6 - 14



Z040



VF21

### Viking® Radiantex Boot Liners

- Designed to fit all Viking hand crafted rubber boots
- Polypropylene and wool blend with a Radiantex layer for maximum warmth (up to -30°C)
- The Radiantex metallized membrane acts as a thermal reflector and moisture barrier keeping body heat in and allowing perspiration vapors to escape
- Front elastic holds lining in position
- Zig zag sewing for extra strength
- Vinyl heel protector for wear resistance
- Sole features outside seams for a comfortable fit

Size 7 - 15



VF22



### Viking® AMC Socks

- Designed to fit all full rubber and rubber bottom boots
- The dual layer thermal, acrylic/cotton, construction provides ventilation while wicking perspiration away from your feet.
- Outside cotton layer to absorb and wick moisture
- Acrylic fleece inside layer insulates while drawing perspiration from your feet

Size 4/5 - 14/15



VF23

### Viking® Premium Ergonomic Insoles

- Shock absorber
- Adds ankle support
- Anti-foot fatigue
- Moisture control air vents
- Soft and thick cushion

Size 6/7/8 - 12/13/14



VF24

### Viking® Sponge Felt Insoles

- Acrylic fleece insulates while drawing perspiration away from your feet
- Rubber coated anti-slip bottom holds insole in place

Size 6/7/8 - 12/13/14



VF25



### Viking® AMC Neoprene Socks

- Triple layer air moisture control system provides ventilation while wicking away perspiration from your feet
- Conforms to your feet for maximum comfort
- Ideal for rubber or PU boots
- Machine washable

Size 6/7 - 12/13



VF26

### Bekina® Insoles

- Shock absorber
- Slip-resistant
- Fits X210, X290, XC90, Z040, Z090

Size 3 - 15



VF28

### Viking® Winter Foam Liners

- Neoprene insulated
- Designed to fits same size boots
- Good up to -70°C / -100°F when worn together with rubber boots
- Fits VW3-3, VW3-1-3, VW12-1, and VW58-3

Size 6 - 14



IS

### Viking® Ice Studs

- Great for enhancing traction on boots
- Comes with one applicator and 35 studs

Kleen-Glo® Enviro-Friendly Gloves

- Meets EN388 Standard
- Heavy-duty, strong gripping rubber palm dip on seamless poly/cotton knit
- Made from natural latex—a renewable resource
- Liner is made from recycled polyester and cotton
- 144 pairs per case

53343

Size S/M

53344

Size M/L

Compliance EN388	
Test/Property	Level
Abrasion Resistance	3
Blade Cut Resistance	1
Tear Resistance	3
Puncture Resistance	1



Viking Handyman® Work Gloves

- Meets EN388 Standard
- Heavy-duty, strong gripping rubber palm dip on seamless poly/cotton knit
- Made from natural latex—a renewable resource
- Liner is made from recycled polyester and cotton
- Breathable, comfortable, and reduced hand fatigue
- 120 pairs per case

Size 7 - 10

Compliance EN388	
Test/Property	Level
Abrasion Resistance	3
Blade Cut Resistance	1
Tear Resistance	3
Puncture Resistance	1



73344



73343

Viking® MaxxGrip® Supported Work Gloves

- Meets EN388 standard
- Superior ergonomic fit and textured palm design provides dexterity and excellent gripping power
- Heavy-duty, strong gripping rubber palm dip on seamless poly/cotton knit
- Breathable, comfortable, and reduced hand fatigue
- 6 times the wear of split leather
- 72 pairs per case

Size 7 - 10

Compliance EN388	
Test/Property	Level
Abrasion Resistance	3
Blade Cut Resistance	2
Tear Resistance	4
Puncture Resistance	2



73349



73347





### Viking® Thermo MaxxGrip® Supported Work Gloves

- Meets EN388 standard
- Textured rubber grip over seamless warm acrylic knit
- Rubber-coated palm for puncture, wear, and liquid protection
- Breathable stretch knit wrist and back for comfort
- Contour-fit for excellent dexterity and gripping power
- Ideal for cold weather or padded glove applications
- 120 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	2
Blade Cut Resistance	1
Tear Resistance	4
Puncture Resistance	2

Size 7 - 10



### Viking® Arctic MaxxGrip® Work Gloves

- Meets EN388 standard
- 7-gauge interior soft pile lining to maintain warmth
- Textured rubber grip over seamless warm acrylic knit
- Rubber-coated palm for puncture, wear, and liquid protection
- Breathable stretch knit wrist and back for comfort
- Contour-fit for excellent dexterity and gripping power
- Ideal for extreme weather or padded glove applications
- 72 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	1
Blade Cut Resistance	3
Tear Resistance	3
Puncture Resistance	1

Size 8 - 10



### Viking® Nitri-Dex Work Gloves

- Meets EN388 standard
- Nitrile-dipped palm on seamless polyester knit
- 6 times the wear of split leather
- Superior grip in oily applications, flexible, comfortable, and breathable
- Excellent for use in assembly and repair work on electric appliances, mechanical maintenance, engineering, and construction work
- 120 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	4
Blade Cut Resistance	1
Tear Resistance	2
Puncture Resistance	1

Size 7 - 10

Viking® Foam Nitri-Dex Gloves

- Meets EN388 standard
- Nitrile-dipped palm on seamless nylon knit
- Foam Nitri-index brings superior precision and flexibility, allowing for optimal comfort and dexterity while reducing hand fatigue
- Foam nitrile coating provides better grip on slippery surfaces
- Superior grip in oily applications, flexible, comfortable, and breathable
- Contour-fit for excellent gripping power
- Breathable, stretch knit wrist and back for comfort
- 120 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	4
Blade Cut Resistance	1
Tear Resistance	3
Puncture Resistance	2

Size 8 - 10



73362

Viking® Nitri-Dex 360° Gloves

- Meets EN388 standard
- Nitrile double dipped palm on seamless nylon knit
- Optimal dexterity, grip, and comfort while delivering industrial grade performance in strength and durability, abrasion resistance, and protection against a wide range of chemical substances
- 360° nitrile coating provides liquid proof protection even on the back of the hand
- Highly durable, high dexterity, ergonomic shape for comfort
- Double coated palm improves strength, durability and abrasion resistance
- Outer foam nitrile layer also enables precision handling of small parts with increased flexibility and dexterity
- Knit wrist helps prevent dirt and debris from entering the gloves
- 120 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	4
Blade Cut Resistance	1
Tear Resistance	2
Puncture Resistance	1

Size 8 - 10



73363

Viking® Nitri-Dex Roper Gloves

- Meets EN388 standard
- Full dip coating provides superior flexibility, allowing for optimal comfort to help reduce hand fatigue
- Soft breathable foam nitrile coating enhances flexibility and grip on slippery surfaces
- Elastic wrist stitching provides better fit and prevents debris from entering the glove
- Seamless nylon liner
- 6 times the wear of split leather
- 120 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	4
Blade Cut Resistance	1
Tear Resistance	2
Puncture Resistance	1

Size 8 - 10



73364



73377

### Viking® Thermo Nitri-Dex Work Gloves

- Meets EN388 standard
- Dual layered protection—deal against cold weather or in padded glove applications
- 7 gauge interior soft pile lining to maintain warmth
- 15 gauge exterior nylon knit with nitrile coating for ultimate hand protection
- Contour-fit for excellent dexterity and gripping power
- Provides excellent puncture, wear and liquid protection
- Breathable stretch knit wrist and back for comfort
- 120 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	3
Blade Cut Resistance	1
Tear Resistance	2
Puncture Resistance	2

Size 8 - 10



73381

73382

### Viking® Cut Resistance NBR Palm Coated Gloves

- Meets EN388 standard
- EN388 Cut Protection Level 5
- Good for steel/automobile, petro-chemicals, and jobs requiring metal/glass handling, precision or rough work.
- Multipurpose
- Non-slip coating
- Excellent for use in outdoor home repairs, gardening, furniture refinishing and cleaning
- 72 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	4
Blade Cut Resistance	5
Tear Resistance	4
Puncture Resistance	3

73382 available in 8 - 10

Size 7 - 10



73383

### Viking® Firewall FR® Cut Resistant Gloves

- Meets CGSB 155.20 for Protection Against Hydrocarbon Flash Fire
- Meets EN388 for Protection from Mechanical Risks
- Independently tested to meet the requirement of CGSB 155.20
  - TPP with spacer (Thermal Protective Performance) is 14.4 calories/cm<sup>2</sup>
  - TPP without spacer is 11.6 cal/cm<sup>2</sup>
- EN388 Cut Protection Level 4
- Advanced ergonomic design for greater comfort, flexibility, and agility
- NBR-coated palm
- Materials utilized in the gloves are inherently flame-resistant providing protection for the entire life of the gloves
- Industries: Mining, oil refining, petrochemical, public utilities, construction, electric and gas utilities, resource manufacturing
- Snug knit wrist prevents dirt and debris from entering the gloves
- 72 pairs per case

Compliance EN388	
Test/Property	Level
Abrasion Resistance	3
Blade Cut Resistance	4
Tear Resistance	4
Puncture Resistance	2

Size 8 - 10





## Viking® Firewall FR® Cut Resistant Gloves

- Meets CGSB 155.20 for Protection Against Hydrocarbon Flash Fire
- Meets EN388 for Protection from Mechanical Risks
- Independently tested to meet the requirement of CGSB 155.20
  - TPP with spacer (Thermal Protective Performance) is 14.4 calories/cm²
  - TPP without spacer is 11.6 cal/cm²
- EN388 Cut Protection Level 4
- Superior metacarpus and phalanges impact protection while delivering an industrial grade protection against hydrocarbon flash fire and cut resistance
- Armour padding protection utilizes an advanced design to dissipate forceful blows
- NBR-coated palm
- Materials utilized in the gloves are inherently flame-resistant providing protection for the entire life of the gloves
- Industries: Mining, oil refining, petrochemical, public utilities, construction, electric, and gas utilities, resource manufacturing
- Snug knit wrist prevents dirt and debris from entering the gloves
- 72 pairs per case



Size 9 - 11



Compliance EN388	
Test/Property	Level
Abrasion Resistance	3
Blade Cut Resistance	4
Tear Resistance	4
Puncture Resistance	2



73384

## Viking® Thermo Journeyman PVC Gloves

- Meets EN388 Standard
- Dual layered protection: ideal against cold weather or in padded glove applications
- Extra thick brushed acrylic liner provides superior insulation from the cold
- Stretchy and form fitting design offers a high level of comfort and fit
- 15 gauge exterior nylon knit and an extra soft seamless 7 gauge interior lining allow for ultimate protection and excellent warmth and flexibility in sub-zero temperatures
- Textured PVC-coated palm for puncture, wear, and liquid protection
- Breathable stretch knit wrist and back for comfort
- Latex-free
- 72 pairs per case

Size 8 - 10

Compliance EN388	
Test/Property	Level
Abrasion Resistance	3
Blade Cut Resistance	2
Tear Resistance	2
Puncture Resistance	1



73374

## Viking® Ultimate® PVC Work Gloves

- Meets EN388 Standard
- Excellent for use in outdoor home repair gardening, furniture refinishing, and cleaning
- PVC-coated, and seamless knit 100% cotton lining
- Highly durable, high dexterity, ergonomic shape for comfort and dexterity
- Phthalate-free
- Machine washable
- 72 pairs per case

Size 8 - 10

Compliance EN388	
Test/Property	Level
Abrasion Resistance	4
Blade Cut Resistance	1
Tear Resistance	2
Puncture Resistance	1



73356



### Open Road® Value Pack Gloves

- Sold in packs of 6 pairs; 240 pairs per case

#### Polyester Gloves with Nitrile Coating

- Superior grip with oily applications
- Flexible, comfortable, and breathable
- Contour fit for excellent dexterity and gripping power
- Nitrile coated protection provides great performance in wet conditions
- Ideal for cleaning, gardening, and household projects

52224-ELD53

52224-ELD41

52224-ELD42

52226-ELD53

Size S/M

Size L/XL

#### Polyester Gloves with Latex Coating

- Textured Palm for great gripping power
- Breathable, with non-slip coating
- Ideal for assembly and repair work, mechanical maintenance, engineering and construction work

52226-ELD422

Size S/M

52224-ELD422

Size L/XL



34675

### Viking® Nitrile Gloves

- Food safe
- Excellent for chemical handling, printing, and food processing work
- Sand smooth, and flocklined
- 12" long; 15 mil
- 12 per poly bag; 144 pairs per case

Size 8 - 10

### Viking® Heavy-Duty Latex Gloves

- Excellent for chemical handling, and agricultural work
- Cotton flock lining absorbs perspiration

155

- Beaded cuff prevents droplets flowing beyond the glove
- Black
- Heavy-duty rubber
- Diamond pattern, and flocklined
- 13" long; 27 mil
- 12 per poly bag; 144 pairs per case

Size 8 - 11

02088

- Straight cuff
- Orange
- Heavy-duty rubber
- Diamond pattern, and flocklined
- 13" long; 30 mil
- 1 pair per poly bag; 12 pairs per case

Size M - XL



155



02088

## NITRILE DISPOSABLE GLOVES

### Viking Handyman® Nitrile Disposable Gloves

- Food safe
- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; powder-free
- Reference specification for size L: 4.0g (+/- 0.3g) (3.35 mil thick)
- 3x Stronger than latex/vinyl
- 10 dispensers of 100 gloves/case

Size **S - XL**



34603

### Viking® Nitrile Disposable Gloves

- Food safe
- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; powder-free
- Heavy-duty blue nitrile; reference specification for size L: 5g (+/- 0.3g) (4 mil thick)
- 3x Stronger than latex/vinyl
- 10 dispensers of 100 gloves/case

Size **S - XL**



34600

### Viking® Black Forte™ Nitrile Disposable Gloves

- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; powder-free
- Heavy-duty black nitrile; reference specification for size L: 5.5g (+/- 0.3g) (4.5 mil thick)
- 3x Stronger than latex/vinyl
- 10 dispensers of 100 gloves/case

Size **S - XL**



34605

### Viking Professional® Black Forte™ Disposable Nitrile Gloves

- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; powder-free
- Extra heavy-duty black nitrile; reference specification for size L: 11 g (+/- 0.3g) (8 mil thick)
- Textured finger tips for better grip, and extended cuff lengths for better protection
- 3x Stronger than latex/vinyl
- 10 dispensers of 50 gloves/case

Size **M - XL**



34606





01370-01373

84051

## Viking® Latex Disposable Gloves

- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Lightly powdered
- Reference specification for size L: 5.5 g (+/- 0.3g) (4 mil thick)

01370 - 01373

- 10 dispensers of 100 gloves/case

Size **S - XL**

84051

- 10 dispensers of 50 gloves/case

Size **One size**



34900

## Viking® Latex Disposable Gloves

- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Powder-free
- Reference specification for size L: 6 g (+/- 0.3g) (5 mil thick)
- 10 dispensers of 100 gloves/case

Size **S - XL**

# NITRYL DISPOSABLE GLOVES



84052

## Viking® Nitryl Disposable Gloves

- Food safe
- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; powder-free
- 2x Stronger than latex/vinyl
- Superior chemical resistance compared to vinyl gloves
- Economic alternative to nitrile
- Reference specification for size L: 5.5 g (+/- 0.3g) (3.5 mil thick)
- 10 dispensers of 50 gloves/case

Size **One size**

# POLY DISPOSABLE GLOVES



00142-00143

## Viking® Poly Disposable Gloves

- Food safe
- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free
- 20 dispensers of 500 gloves/case

Size **M - L**

# VINYL DISPOSABLE GLOVES

## Phthalate-Free Vinyl Disposable Gloves

- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; phthalate-free
- Lightly powdered
- Reference specification for size L: 5 g (+/- 0.3g) (3.5 mil thick)
- Reduced environmental impact, and reduced health risk
- 10 dispensers of 100 gloves/case

**34100**

Size **S - XL**

**34000**

Size **One size**



**34100**

**34000**

## Viking® Vinyl Disposable Gloves

- Food safe
- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; PVC contains no latex proteins. Safe for Type 1 allergies
- Powder-free
- Super soft for use comfort; stretchy; fatigue-free
- Durable, and tear-resistant
- Excellent for use in employee/occupational health services and non-surgical clinics, infant services, food handling, public services, kitchen work, sanitary activities, light-duty cleaning, office cleaning, and janitorial services
- Reference specification for size L: 6g (+/- 0.3g) (4.5 mil thick)
- 10 dispensers of 100 gloves/case

**01364 - 01367**

- Blue vinyl

Size **S - XL**

**01360 - 01363**

- White vinyl

Size **S - XL**



**01364 - 01367**

**01360 - 01363**

## Viking® Phthalate-Free Vinyl Disposable Gloves

- Food safe
- Multipurpose, and lightweight
- Liquid-proof
- Ambidextrous
- Latex-free; phthalate-free; powder-free
- Reference specification for size L: 5.5g (+/- 0.3g) (4 mil thick)
- Reduced environmental impact, and reduced health risk
- 10 dispensers of 100 gloves/case

Size **S - XL**



**01356 - 01359**





## Measurement Guide for an Accurate Fit

### Coveralls

For chest measurement, place the tape high under the armpits, over the clothing to be worn under the coveralls. For outsleeve length, hold the tape end at the centre back of your neck, then measure over the top of the shoulder and down the outside of the arm to point where you want the sleeve to end. Remember coveralls are often worn over bulky clothing in colder weather, so ensure you choose an appropriate size to allow for range of movement.

### Outerwear/Jacket

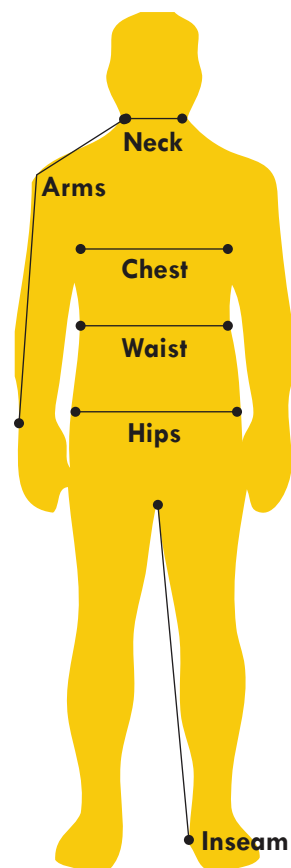
For chest measurement, place the tape high under the armpits, over the clothing to be worn under the jacket. For sleeve size, hold the tape and the centre back of your neck, then measure over the top of the shoulder and down the outside of the arm to the point where you want the sleeve to end.

### Pants

For waist size, measure the waist, over the top of the shirt, at approximately the point where the waistband sits on a comfortably fitting pair of pants. Pull the tape to be as snug as a comfortable pair of pants. For inseam length put on a comfortable fitting pair of pants in the position normally worn and measure the inseam of the pant leg from the crotch seam down to the top of the shoe heel. Measure while standing tall, looking straight ahead. Note: for users who do significant amount of bending, crouching, and active work, we suggest choosing one size larger than your natural waist to allow for a range of movement.

### Shirt

For neck size, measure around the middle portion of the neck. For sleeve size, hold the tape end at the centre back of the shirt collar, then measure over the top of the shoulder and down the outside of the arm to the point where you want the sleeve to end.





## Adult Body Sizing

All measurements are body measurements, not garment measurements

Men's Size	XXS	XS	S	M	L	XL	XXL	XXXL	XXXXL
Chest (in/cm)	31/97	34/86.5	37/94	40/101.5	43/109	47/119.5	51/129.5	55/140	58/147
Waist (in/cm)	24/61	27/69	30/76	33/84	36/91.5	39/99	42/106.5	45/114	48/122
Hips (in/cm)	31/79	34/86.5	37/94	40/101.5	43/109	46/117	49/124.5	52/132	55/140
Arms (in/cm)	31/79	32/81.5	33/84	34/86.5	35/89	36/91.5	37/94	38/96	39/99
Inseam (in/cm)	30/76	30.5/77.5	31/79	31.5/80	32/81.5	32.5/82.5	33/84	33.5/85	34/86
Neck (in/cm)	13.5/34	14/35.6	14.5/37	15.5/39.5	16/40.5	17/43	17.5/44.5	18/46	18.5/47

Women's Size	XS	XS	S	L	XL	XXL
Chest (in/cm)	32/81.5	34/86.5	36/91.5	39/99	42/106.5	45/114
Waist (in/cm)	24/61	26/66	28/71	31/79	34/86.5	37/94
Hips (in/cm)	35/89	37/94	39/101.5	42/112	45/122	48/122
Arms (in/cm)	39/74	30/76	31/79	32/81.5	33/84	34/86
Inseam (in/cm)	27/69	28/71	29/73.5	30/76	31/79	32/81.5

## Coveralls / Overalls Sizing

Viking® Men's and Women's Coveralls Body Measurement

Size	XS	S	M	L	XL	2XL	3XL	4XL
Chest	32 - 34	36 - 38	40	42 - 44	46	48 - 50	52 - 54	56 - 58
Waist	26 - 28	29 - 31	34	35 - 37	40	42 - 44	46 - 48	50 - 52
Neck	14 - 14½	15	15½	16 - 16½	17 - 17½	18 - 18½	19 - 19½	20½
Weight (lbs.)	115	140	160	185	205	240	280	320
Outsleeve Length	31	32	33	34	35	36¼	37½	38¾
Tall Size	N/A	N/A	N/A	LT	XLT	2XLT	3XLT	N/A

Tall sizes are longer in the front, back, inseam, and sleeves

## Viking® Firewall FR® Unisex Outerwear: Parka, Fleece, & Bib Overalls

Label Size	S		M		L		XL	XXL		XXXL	
Chest	34	36	38	40	42	44	46	48	50	52	54
Outsleeve Length	32¼	33	34		35		36	37¼		38½	

## Viking® Firewall FR® Unisex Pants & Shirts

Label Size	S		M		L		XL	XXL		XXXL	
Chest	34	36	38	40	42	44	46	48	50	52	54
Neck	14	14½	15	15½	16	16½	17 - 17½	18	18½	19	19½
Outsleeve Length	31	32	33		34		35	36		37	
Waist (Pants)	28	30	32	34	36	38	40	42	44	46	48
Weight (lbs.)	115	130	145	160	175	190	205	220	240	260	280

## Boot Sizing

Size (U.S./Canada)		Size (Europe)	Size (U.S./Canada)		Size (Europe)
Men	Women		Men	Women	
2	4	34	9	11	42
3	5	35	10	12	43
4	6	36	11	13	44
5	7	37	12	14	45
6	8	38	13	15	46
7	9	39	14	16	47
8	10	41	15	17	48

## Seamless Knit Glove Sizing

Alpha	Numeric
S	7
M	8
L	9
XL	10

00300E .....	p 67	3907FRWJ/P .....	p 54	6000O/G/N .....	p 33
00106 .....	p 67	3910JB/PB .....	p 24	6001O .....	p 34
00142-00143 .....	p 93	3930WJO/JG/PO/PG .....	p 47	6002O .....	p 34
00251 .....	p 67	3957FRJ/JO/P/PO .....	p 55	6005O/G .....	p 33
00253 .....	p 67	3995FR/FRO .....	p 53	6006O/G .....	p 33
00300K .....	p 67	3995FRW .....	p 54	6010O/G .....	p 34
01061 .....	p 67	402NB .....	p 16	6015O/G/N .....	p 35
01062 .....	p 67	40477 .....	p 58	6016O .....	p 35
01342 .....	p 67	40479 .....	p 58	6017O .....	p 35
01360-01363 .....	p 94	40577 .....	p 58	6050FRJ/P .....	p 51
01364-01367 .....	p 94	40579 .....	p 58	6055FRJO/JG/PO/PG .....	p 52
01370-01373 .....	p 93	40665 .....	p 60	6110O/G .....	p 30
02088 .....	p 91	40677 .....	p 59	6110P .....	p 20
02710 .....	p 67	40679 .....	p 59	6115O/G .....	p 30
155 .....	p 91	406BK .....	p 16	6125J .....	p 20
20179 .....	p 57	407BK .....	p 14	6125O/G .....	p 31
2110BK .....	p 20	408BK .....	p 15	6135O/G .....	p 31
2110FR .....	p 51	410BK .....	p 15	6136FR .....	p 50
2110Y .....	p 20	4110J/P .....	p 20	6165FR .....	p 50
2120BK .....	p 19	4112 .....	p 20	6165O/G/BK/R .....	p 31/42
2337 .....	p 19	4125J .....	p 20	6185AO/G .....	p 66
240B/D .....	p 14	41666 .....	p 60	6185WO/G .....	p 66
2900BK .....	p 22	41679 .....	p 61	6195O/G .....	p 32
2900G .....	p 22	4915R .....	p 32/44	6210J/P .....	p 21
2900Y .....	p 22	5110J/P .....	p 20	6212 .....	p 21
3010J/P/H .....	p 23	5112 .....	p 20	62F00 .....	p 65
3110P .....	p 21	5125J .....	p 20	6323PO/PG/JO/JG/WPG .....	p 36
3125J .....	p 21	51566 .....	p 62	6326G .....	p 37
31B77 .....	p 57	51579 .....	p 62	6326PO/PG/JO/JG .....	p 37
3300J/P .....	p 23	51679 .....	p 63	6327PO/PG/JO/JG .....	p 38
3305J/P .....	p 23	5200J/P .....	p 55	6330PO/PG/JO/JG/HO/HG .....	p 38/45
3307J/P .....	p 23	5212 .....	p 55	6400PO/PG/JO/JG .....	p 39/46
34000 .....	p 94	52224-ELD41 .....	p 91	6410PO/PG/JO/JG .....	p 39
34100 .....	p 94	52224-ELD422 .....	p 91	6420JO/G/BK .....	p 36/44
34600 .....	p 92	52224-ELD42 .....	p 91	6450PO/PG/JO/JG .....	p 40
34603 .....	p 92	52224-ELD53 .....	p 91	68G79 .....	p 65
34605 .....	p 92	52226-ELD422 .....	p 91	6T779 .....	p 65
34606 .....	p 92	52226-ELD53 .....	p 91	707BK .....	p 82
34675 .....	p 91	52679 .....	p 61	7110P .....	p 22
34900 .....	p 93	53343 .....	p 86	7125J .....	p 22
35100 .....	p 19	53344 .....	p 86	73343 .....	p 86
3907FRH .....	p 52	55566 .....	p 64	73344 .....	p 86
3907FRJ/JO/P/PO .....	p 53	55679 .....	p 63	73347 .....	p 86

73349	p 86	EV400BB/BR/PZ	p 7	VW3	p 76
73356	p 90	EV500BK/BB/BR/BY	p 6	VW37	p 79
73362	p 88	EV500D	p 6	VW38	p 79
73363	p 88	F6617	p 82	VW40	p 78
73364	p 88	F6817	p 82	VW42	p 70
73365	p 87	F6817BWP	p 83	VW49	p 70
73373	p 87	IS	p 85	VW49T	p 70
73374	p 90	ORC10N	p 24	VW53-1	p 75
73376	p 87	U6110O/G	p 41	VW53	p 76
73377	p 89	U6110O/G	p 41	VW56	p 73
73378	p 87	U6112O/G	p 41	VW57	p 73
73379	p 87	U6125O/G	p 42	VW58-1	p 71
73381	p 89	U6135O/G	p 42	VW58-3	p 71
73382	p 89	U6155O/G	p 43	VW59-1	p 71
73383	p 89	U6195O/G	p 43	VW64-1	p 72
73384	p 90	U6330PO/PG	p 45	VW65	p 72
73385	p 87	U6400PO/PG	p 46	VW68-1	p 71
73386	p 87	VA21	p 66	VW69-1	p 71
8110P	p 22	VC20BK/N	p 25	VW75-3	p 80
8125J	p 22	VC30O	p 25	VW76	p 73
828BK/N/P	p 12	VC40N/O	p 25	VW77-1	p 72
829BK/N/CLG/BR/BB/CB	p 9	VC49	p 59	VW78-1	p 72
837BK/N/CB	p 10	VC50JN/O	p 26	VW79	p 72
838GC/CN/CB/CR/PZ	p 11	VC50N/O	p 26	VW8-3	p 76
84051	p 93	VC50PN/PO	p 27	VW88	p 75
84052	p 93	VF21	p 85	VW90	p 74
850BK/N	p 8	VF22	p 85	VW91	p 74
858JB/JCB/JN/JBB/JBR/PB	p 8	VF23	p 85	VW93	p 74
866BK/MG/PB/IM	p 11	VF24	p 85	X210GB	p 84
868PZ	p 11	VF25	p 85	X290GB/BB/WB	p 84
880BK/MG/PB/R/P	p 9	VF26	p 85	XC90BR	p 84
9105VG/VN/VB/VR	p 78	VF28	p 85	Z040	p 84
910BK/N/CSB/CG/CR/PC	p 12	VFW60-1	p 75		
920BK/HB/P	p 13	VT3000R/Y	p 66		
930BK/W	p 13	VW12-1	p 80		
950BK/W	p 10	VW22	p 77		
9726V	p 73	VW23	p 77		
D6323JG/PG/WPG	p 45	VW24	p 78		
D6329JO/JG/PO/PG/WPO/WPG	p 46	VW26	p 79		
D6335JG	p 46	VW29	p 77		
D6455JO/JG	p 47	VW3-1-3	p 80		
E5617	p 83	VW3-1	p 76		
E6817	p 83	VW3-3	p 80		









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