

# 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.



VS.

Overcast stitching

Hemstitching

Bar-tacking

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.



4-WAY STRETCH  
WATERPROOF/BREATHABLE  
PATENTED FABRIC

**V-TECH** • Waterproof Breathable



## Zippers

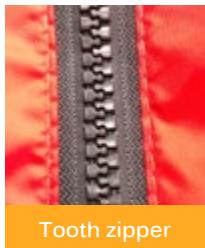
There are two common types of zippers used in outerwear:

### Tooth Zippers

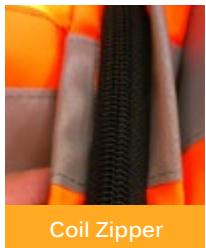
These are produced either in plastic or metal (brass). Tooth zippers offer the highest level of durability and longevity, and have the ability to withstand the torque of industrial and commercial uses. Highly recommended for front closures and boot zip regions.

### Coil Zippers

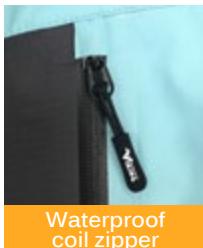
These are considerably less expensive and are produced in plastic. Coil zippers are designed for low-pressure closures like pockets or arm vents. As front closures have a high risk of breaking or being damaged, tooth zippers are superior.



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.



### 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.

### 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.

### 100% Waterproof

100% waterproof designation relates to the garment fabric's permeability to water in more extreme conditions. This garment is either made of a material that water cannot penetrate, or has a coating of PVC that water cannot penetrate. This garment is designed for uses in prolonged foul weather exposure. Products with PU (polyurethane) coatings may claim to be waterproof, however to the porous nature of PU water can penetrate the fabric where hydro-static pressure exceeds 11psi. Hydro static pressure increases with wind and the amount of water hitting the fabric. Wind storms where rain is being forced down at +25KPH will likely penetrate a PU coated rain garment.

**Trilobal Polyester**

### 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.

# RECREATIONAL WATERPROOF & BREATHABLE GARMENTS

## 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



**WATERPROOF**  
12,000mm

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

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



**WATERPROOF**  
12,000mm

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

Size S - 3XL



EV400BB



EV400BR



EV202BK

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

Size S - 3XL

U.S.  
ONLY  
EV202PZ**Evolution by Viking® Ladies**

- 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 for comfort with underarm zippered vents
- Safety reflective piping across chest and back
- Two outer pockets, two inner pockets, left sleeve pocket, and a locker loop inside collar
- Storm placket with front zipper and hook-and-loop closure
- Adjustable elastic sleeve cuffs with hook-and-loop strap
- Elastic draw-cord with barrel-lock inside bottom hem
- Embroidery zipper included

**Pants**

- Fully mesh lined and double-layer fabric around bottom of leg
- Adjustable leg cuffs with hook-and-loop straps
- Button waist closure, side elastic waistband inserts, zipper front, and five bar-tack reinforced belt loops
- Two front pockets, two back patch pockets, tool pocket on right leg, and cargo pocket on left leg with hook-and-loop flap closure
- Leg zippers with placket

**WATERPROOF**  
12,000mm

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

Size S - 2XL

## RECREATIONAL WINTER GARMENTS

### Viking® Tempest® 50 Lined Jacket

- 100% Waterproof and windproof
- 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
- 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

- 100% Waterproof and windproof
- High-tech polyester/PVC shell and taffeta lining
- 3-in-1 Trizone System provides protection against cold weather up to -30°C/-22°F

#### 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 adjustors, and removable suspenders
- Articulated knees with reflective piping for greater comfort and visibility
- Rear zip storage pocket
- Hook-and-loop adjustors at bottom of legs
- Snap waist and zippered fly access



858JBR available in  
XS - 4XL

Size XS - 5XL



### Viking® Creekside Tri-Zone

- High-tech polyester/PU shell with fully lined berber fleece interior
- 3-in-1 Trizone System
- Waterproof and windproof
- High-tech polyester with PU backing

#### Jacket

- Lightweight 80 gsm insulated inner jacket included, providing protection against cold weather up to -30°C/-22°F without puffiness.
- Safety reflective piping on front and back
- Front placket and cuff "anti-snag" 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
- Full two-way covered side zippers for vented pant or tear away options
- Wide elastic waist with hook-and-loop adjustors for snug fit
- Hook-and-loop adjustors at bottom of legs
- Snap waist and zippered fly access
- 2 Zippered slash pockets



Size S - 2XL



### Viking® Torrent 3-In-1 Jacket

- 100% Waterproof and windproof
- 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
- High-tech polyester/PVC shell fabric
- Adjustable hood that tucks away into the collar
- 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 taffeta lined sleeves
- Embroidery zipper included



Size S - 4XL



## RECREATIONAL ALL SEASON GARMENTS

### Viking® Tempest® Classic

- 100% Waterproof and windproof
- 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

#### 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

838CN - 5XL booking available

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



### Viking® Creekside

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

#### Jacket

- Safety reflective piping front and back
- Front placket and cuff with "anti-snag" 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 adjustors for snug fit
- Hook-and-loop adjustors at the bottom of legs
- Snap waist and zippered fly access
- Articulated knees for mobility
- Full lining inside for comfort

Size S - 2XL





828BK

828N

828BB

828P  
Boot zip**Viking® Torrent**

- 100% Waterproof and windproof
- High-tech polyester/PVC shell fabric

**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
- Vented back for breathability
- 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, 828P available in  
XS - 3XL

Size S - 3XL



## RECREATIONAL LIGHTWEIGHT GARMENTS



910BK

910N

910CSB

910CG

910CR

910CO

910PC  
Boot zip910PO  
Boot zip**Viking® Windigo®**

- Ultra light polyester with PU backing
- 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
- 910CO features hi-vis orange lining as a safety element

**Pants**

- 910PO features reflective stripes on lower leg for added visibility
- 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
- 910PO features hi-vis orange lining as a safety element

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

Size S - 3XL

## RECREATIONAL LIGHTWEIGHT GARMENTS

### 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

### Viking® BT Elements Jacket

- 100% Waterproof and windproof
- Attached lined hood with adjustable drawstring
- Fully lined with mesh polyester
- Multiple back vents for breathability
- Elastic storm cuffs
- 2 lined storage pockets with generous overflaps
- Colour coordinated zipper and mesh lining
- Embroidery access



240B available in  
2XS - 3XL  
240D available in  
XS - 2XL

Size XS - 3XL



408BK

Size S - 3XL



402NB

Size XS - 4XL

### Viking® Soft Shell Jacket

- Anti-pill microfleece lined collar for greater comfort
- 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

