



COLD AVENGER®

STAY OUT LONGER

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COLDAVENGER

STAY OUT LONGER[®]

ABOUT US

ColdAvenger, LLC, based in Western Montana since 2007, specializes in the design and manufacture of innovative cold weather products that help users thrive in the coldest environments in the world.

EXPERTISE

- Innovative cold weather headwear and bodywear design and manufacturing
- Custom design capabilities for specialty needs and cold weather problem solving
- Small minimum order quantities
- Partnership in manufacturing with other industry businesses

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VENTILATOR FEATURES



TEMPERATURE

Tested down to -72F, maintaining an average of +59F around the face.



HUMIDITY

Transformed outside air at +5F and 15% relative humidity to +68F and 89% relative humidity.



BREATHING

Imperceptible breathing resistance through both nose and mouth under heavy breathing.

Test results available upon request

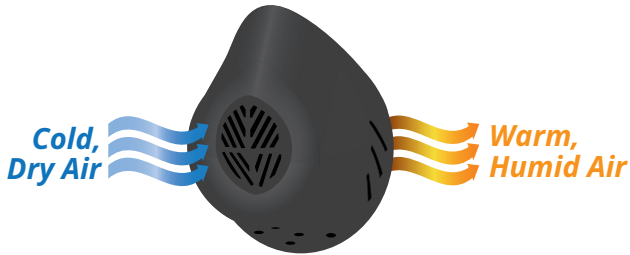
The patented cold weather ventilator face mask

THE VENTILATOR - HOW IT WORKS

The ColdAvenger ventilator is made of a soft plastic that forms a chamber over the nose and mouth. Incoming cold, dry air mixes with warm, humid exhaled air inside the chamber. This dynamic mixing warms and humidifies the air, protects the lungs and maintains core body temperature. Excess moisture exits the ventilator through a lower drain port.

DESIGN BASED ON MEDICAL SCIENCE

Research on the prevention of cold-related injury shows that increasing respiratory warmth and moisture without increasing airway resistance helps counteract the adverse effects of cold, dry air. The ColdAvenger ventilator achieves this by creating a microclimate of comfort in front of the face with no resistance to breathing, even during endurance activities.



- Warms and humidifies inhaled air
- Keeps the face dry
- Allows unrestricted breathing
- Protects airways and core body temperature

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Balaclavas and Face Masks

EXPEDITION BALACLAVA

The Expedition Balaclava is designed to protect against the coldest temperatures. This two-piece system provides premium protection: the balaclava hood covers the head and neck, and the detachable face mask covers the nose and mouth. The face mask has our patented ventilator that warms and humidifies inhaled air. A hidden nose-wire allows a customizable fit and increased comfort. Flat seam construction prevents hot-spots and chafing. Polartec® Wind Pro® fleece resists more than just the cold. The tight knit construction reduces wind chill while remaining soft, stretchy, and breathable. The Hardface® finish increases durability and features DWR to repel snow and rain.

MATERIALS:

Polartec® Wind Pro®
Polartec® Wind Pro® FR

SIZES:

Small/Medium and Large/X-Large

COLORS:

Non-FR = Black, White, Coyote
FR = Black





Made in USA.
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OUTLAW

The Outlaw is shaped like a bandana to provide easy full coverage of the face and neck. The patented ventilator warms and humidifies inhaled air. A hidden nose-wire allows a customizable fit and increased comfort. Polartec® Wind Pro® fleece resists more than just the cold. The tight knit construction reduces wind chill while remaining soft, stretchy, and breathable. The Hardface® finish increases durability and features DWR to repel snow and rain.



MATERIALS:

Polartec® Wind Pro®
Polartec® Wind Pro® FR

SIZES:

Small/Medium and Large/X-Large

COLORS:

Non-FR = Black, White, Coyote
FR = Black, Navy



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Face Masks

CLASSIC FLEECE

The Classic Fleece mask provides warmth and comfort without the weight. Made with Polartec® 200-weight classic fleece that is warm soft, stretchy, and breathable. The patented ventilator warms and humidifies inhaled air. A hidden nose-wire allows a customizable fit and increased comfort. The Classic Fleece is our lightest mask with the ColdAvenger ventilator, but it still packs a punch against the cold.

MATERIALS:

Polartec® 200-weight fleece

SIZES:

One Size Fits Most

COLORS:

Black





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PRO SOFTSHELL

The Pro Softshell mask blocks wind and snow, providing warmth in harsh winter conditions. The patented ventilator warms and humidifies inhaled air. A hidden nose-wire allows a customizable fit and increased comfort. Polartec® Wind Pro® fleece resists more than just the cold. The tight knit construction reduces wind chill while remaining soft, stretchy, and breathable. The Hardface® finish increases durability and features DWR to repel snow and rain. Our best wind stopping half-mask, the Pro Softshell mask will shield you against nature's most severe weather.

MATERIALS:

Polartec® Wind Pro®

SIZES:

Once Size Fits Most

COLORS:

Black



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Balaclavas

CORE BALACLAVA

The CORE Balaclava combines a traditional balaclava hood with a moveable face mask, providing full coverage as-needed. The face mask can be pulled up or worn down, but is fully connected at the sides of the head. The mask features a nose wire for customizable comfort and fogging prevention. Polartec® Wind Pro® fleece resists more than just the cold. The tight knit construction reduces wind chill while remaining soft, stretchy, and breathable. The Hardface® finish increases durability and features DWR to repel snow and rain.



MATERIALS:

Polartec® Wind Pro®
Polartec® Wind Pro® FR

SIZES:

Small/Medium and Large/X-Large

COLORS:

Non-FR = Black, White, Coyote
FR = Black, Navy





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WIND PRO (CA-WP) BALACLAVA

The ColdAvenger Wind Pro (CA-WP) Balaclava offers complete head, face, and neck protection. Polartec® Wind Pro® fleece resists more than just the cold. The tight knit construction reduces wind chill while remaining soft, stretchy, and breathable. The Hardface® finish increases durability and features DWR to repel snow and rain. Designed to provide a comfortable and snug fit by following the natural contours of the face, head, and neck. Flat seam construction prevents hot-spots and chafing. A mesh breathing port is thoughtfully added to provide superior breathing and ventilation. Lycra binding is used to finish the edges for comfort and durability. The eye opening of the WP Balaclava allows perfect fit and coverage with the most common tactical goggles.



MATERIALS:

Polartec® Wind Pro®

SIZES:

Small/Medium/Large

COLORS:

Black, Coyote

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Headwear

BEANIES

The ColdAvenger Wind Pro Beanie is an easy, comfortable cold weather solution for the head and ears. Polartec® Wind Pro® fleece resists more than just the cold. The tight knit construction reduces wind chill while remaining soft, stretchy, and breathable. The Hardface® finish increases durability and features DWR to repel snow and rain.

MATERIALS:

Polartec® Wind Pro®

SIZES:

Small/Medium and Large/X-Large

COLORS:

Black, Coyote





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SKULL CAPS

ColdAvenger offers a line of skull caps that provide extra comfort and protection for any condition. Lightweight, heavyweight and flame-resistant options are available, as well as high cut (no ear coverage) and low cut (ear coverage). All skull caps are designed with low profile, flatseam stitching for a comfortable, snug fit under helmets.

The Lightweight Skull Cap is made with Polartec® Power Stretch® Pro fabric to wick away sweat. The Heavyweight skull cap is made with Polartec® Wind Pro® fleece to deliver protection from the cold. The lightweight FR skull cap is made with made with Polartec® Power Dry® FR.

MATERIALS:

Lightweight materials: Polartec® Power Stretch Pro®
Lightweight FR materials: Polartec® Power Dry®
FR Heavyweight materials: Polartec® Wind Pro®

SIZES:

Small/Medium and Large/X-Large

COLOR:

Black



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FR Liners and Neck Gaiter

FR HARD HAT LINER

The FR Hard Hat Liner/Hood is made with two-layers of warm fleece that block the wind and cold, and offers permanent flame resistant of Polartec® Wind Pro® FR. The Liner has a hook- and-loop neck opening for easy on/off. Two layers of fabric provide much needed warmth in the coldest conditions. The Liner can be worn alone, under a hard hat, or with a full- face respirator mask.

Accessories can be purchased with the FR Hard Hat Liner depending on need. For the most extreme cold conditions, we offer a FR Outlaw half-mask (see page 7) which can be worn over the liner, creating three layers of protection. For use with half-face respirators, we offer a front cover that attaches with hook- and-loop to ensure there is no exposed facial skin. Please contact us for more details.



MATERIALS:

Polartec® Wind Pro® FR

SIZES:

Small/Medium and Large/X-Large

COLORS:

FR = Dark Navy, Coyote, Black





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NECK GAITER

The neck gaiter is made for cold and extreme cold conditions. Polartec® Wind Pro® fleece resists more than just the cold. The tight knit construction reduces wind chill while remaining soft, stretchy, and breathable. The Hardface® finish increases durability and features DWR to repel snow and rain.

MATERIALS:

Polartec® Wind Pro®
Polartec® Wind Pro® FR

SIZES:

Small/Medium, Large, Extra Large

COLORS:

Non-FR = Black, White, Coyote
FR = Black, Navy



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Overwhites

HIGHLINE OVERWHITES

The Highline Overwhite Jacket, Pant and Pack Cover offer quick, lightweight concealment in a feature-rich and highly packable kit. Made with lightweight, durable and water resistant 70D nylon, the Highline Overwhite Kit is Berry Amendment Compliant/made in USA.

The Highline Overwhite Jacket features a two-way main zipper for modularity and fit with other kit. A drawstring at the waist keeps out weather. Large two-way slide pit zippers allow for ventilation and easy access to plate carrier. The three-piece hood is designed to fit over helmets with NVGs and other accessories. The hood has a brim at the forehead and is adjustable for custom fit. The hood can be stowed in a zippered pocket at the neck. Elastic on the wrists keep sleeves in place and can be pulled on over gloves. The breast pocket doubles as a stuff sack for storage and packing. Wolf Grey locking cord zipper pulls are durable and easy to grab.





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The Highline Overwhite Pant features a dual-adjust waist band for better fit and mobility. Full length two-way separating zippers extend from the hip to ankle on each leg allowing the pant to be donned and doffed over boots and skis. Snaps at the bottom hem allow for tightening at the ankle. Zippered fly allows ease of access. Dual thigh pockets with zip closures act as stuff sacks for storage and packing. Wolf Grey locking cord zipper pulls are durable and easy to grab.



The Highline Overwhite Pack Cover is available in two sizes to fit the most common military packs. The size large fits packs up to 6500ci, and size X-large fits packs up to 8000ci. The cover features a full length centered two-way zipper for full access. Adjustable shock cord around the perimeter with cord locks ensures an adjustable and snug fit. Four woven nylon loops at each corner of the opening offer additional options for securing the cover to the pack. Wolf Grey locking cord zipper pulls are durable and easy to grab.



MATERIALS:

Water Resistant 70D Nylon

SIZES:

Jacket = Small, Medium, Large, X-Large

Pant = Small, Medium, Large, X-Large

Pack Cover = Large and X-Large

COLORS:

Multicam® Alpine

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Baselayers

LEVEL I BASELAYERS

The Level I Baselayers are thicker than the competition and made for extreme cold weather conditions. Made with Polartec® Power Stretch® Pro which is super soft, lofty, and breathable. The ultra 4-way stretch to provide easy movement and shape retention. Moisture wicking and fast dry properties help you stay comfortable all day.

The Level I Baselayer collection is designed to keep you warm in the coldest temperatures, provides flame resistant protection and will still allow you to stretch and flex with ease.

Men's and women's sizing and fit.

MATERIALS:

Polartec® Power Stretch®
Polartec® Power Stretch® FR

SIZES:

Small, Medium, Large, X-Large, XXL

COLORS:

Black, Gray





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LEVEL II UNION SUIT

The Level II Union Suit provides full coverage protection for extreme cold conditions. Made with Polartec® Power Stretch® Pro which is super soft, lofty, and breathable. The ultra 4-way stretch to provide easy movement and shape retention. Moisture wicking and fast dry properties help you stay comfortable all day.

The front zipper opens from both the top and bottom for easy on/off and ventilation. The back of the Union Suit features a drop-seat at the waistband for easy access.

MATERIALS:

Polartec® Power Stretch®
Polartec® Power Stretch® FR

SIZES:

Small, Medium, Large, X-Large, XXL

COLORS:

Black, Gray





COLD AVENGER®

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