



X

EXTREM

AW26





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X
EXTREM





Extrem has been at the heart of Berghaus for nearly four decades, with roots that go back even longer. From our iconic 80s ski jackets to the Pro shells of today, Extrem continues to enable climbers, mountaineers and mountain enthusiasts at every standard, on every mountain, to strive for new heights and new experiences, encouraging and inspiring those who follow. Extrem offers maximum comfort, durability and protection for mountain lovers everywhere.



Uniform of the mountains. Since 1986.



Created by a bunch of passionate outdoor fanatics, Extrem is designed and built for people just like us, so it's grounded in the reality of what you really need to make the most of the mountain – the very best technology and materials, considered feature sets and exceptional durability.



Testing & Development

Berghaus Extrem has always had a reputation for durability, high quality and high performance. It's earned that status because of the attention to detail that goes into its development.

Driven by the ideas and expertise of the experienced end users here at Berghaus, each product is painstakingly crafted and engineered by our expert designers, developers and talented sample room team.

They are then tested to the limit in our fully equipped in-house lab before being sent out into the mountains on the backs of our

team of wear testers. Each piece is tested for up to 200 hours by real end users, mountain guides and athletes, helping us fine tune each piece of kit to ensure maximum comfort, performance and durability.

Underpinning all of that is the absolute confidence of our Repairhaus promise to fix any item free of charge - keeping kit going over land and not into it.

Some of our wear testers



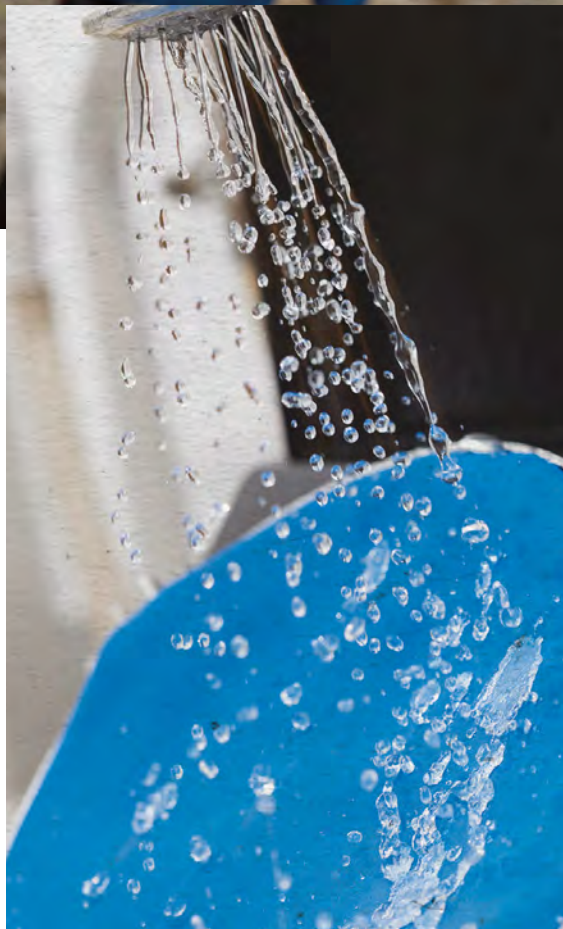
Aaron Livingston
AMCG
Certified guide, climber
and adventurer



Mairi Teasdale
President of Glasgow
University Mountaineering
Club GUMC



360 Expeditions
Mountain Adventure
Company









Extrem AW26

Discover the hero styles providing comfort, durability and protection in harsh mountain conditions.



Women's



EXTREM VANGUARD GTX JKT AF

4A002080



3L GORE-TEX ePE fabric offers the highest level of waterproof, breathable and durable protection, cut cleverly for long days of winter climbing in the most challenging conditions. A fully adjustable, helmet compatible hood, venting options, and adjustable cuffs and hem, mean that you can keep moving in comfort without compromising protection. Plenty of pockets allow you to always keep your essentials secure and within easy reach.



004
NEW COLOUR



003
NEW COLOUR



002
NEW COLOUR

Features

- 3L GORE-TEX Pro ePE products deliver durably waterproof, windproof and breathable protection and comfort in extreme conditions, and are PFAS-free for a reduced carbon footprint
- The fixed helmet compatible hood has a wired and stiffened peak and Cohesive cordlocks that can be used with gloved hands, providing excellent, fully adjustable protection at all times
- Highly technical Berghaus pattern cutting incorporates articulated panelling in the body and sleeves for exceptional arm lift, maximising freedom of movement in all activities and working effectively as the outer in a winter layering system
- Two-way pit zips for dumping heat quickly when working hard
- Two raised chest pockets have long two-way water resistant zips, for easy access at all times
- Two raised harness compatible pockets are ideal for keeping essential items close at hand
- Internal zipped security pocket and mesh dump pocket provide additional storage and venting options
- Dual hem adjustment uses Cohesive cordlocks for easily finding the right fit, even when wearing winter gloves
- Cuff tabs with hook and loop adjustment allow for a snug fit to keep the elements out and the warmth in
- Reflective Trango detailing on the back of the jacket for improved visibility in the dark and a distinctive Berghaus signature

Colours

- NEW COLOUR 004 Geo Flare/Purple
- NEW COLOUR 003 Quantum Teal
- NEW COLOUR 002 Jet Black

Sizes

Specifications

- Product weight is circa - 560g (Size UK 12)
- Centre back length - 68.5cm
- Hydrostatic Head - 28000mm
- Breathability Rating - EPE 12 RET
- CF Zipper: YKK Aquaguard
- Main 1 Denier - 70D
- MADE IN THAILAND

Fabrics

BODY: 100% POLYAMIDE WITH ePE MEMBRANE / LINING: 100% POLYAMIDE / POCKET LINING: 86% POLYESTER / 14% ELASTANE

EXTREM VANGUARD GTX PANT AF

4A002082



3L GORE-TEX ePE fabric offers the highest level of waterproof, breathable and durable protection, while the cleverly articulated cut allows exceptional freedom of movement at all times while climbing in the most challenging conditions. Fully separating side zips and plenty of adjustment at the lower legs makes this tough shell pant a welcome companion.



Features

- 3L GORE-TEX Pro ePE products deliver durably waterproof, windproof and breathable protection and comfort in extreme conditions, and are PFAS-free for a reduced carbon footprint
- Highly effective pattern cutting includes articulated knees and gusseted crotch, allowing for unrestricted movement during even the most challenging pitches
- Stud adjustment with cinching at the lower legs adds versatility, for mountaineering and ski touring
- Fully separating side zips for ease of putting on and taking off
- Full elasticated rear waistband delivers a better custom fit and enhanced comfort
- Two thigh pockets with water resistant zips for easy access to essentials, even when wearing a harness
- Durable kicker patch at inner hem for added durability
- Diamond gusset at crotch for excellent freedom of movement
- Attachment points for braces to allow for a customised and more flexible fit
- Internal gaiters with elastic cuff, stud fastening and boot loop
- Supported by Repairhaus

Colours

- NEW COLOUR 004 Quantum Teal
- NEW COLOUR 003 Spectral Purple
- NEW COLOUR 002 Jet Black

Sizes

8 - 18

Specifications

- Product weight is circa - 516g (Size UK 12)
- Hydrostatic Head - 28000mm
- Breathability Rating - EPE 12 RET
- Zippers: YKK Aquaguard
- Main 1 Denier - 70D
- MADE IN THAILAND

Fabrics

BODY: 100% POLYAMIDE WITH EPE MEMBRANE / REINFORCEMENTS: 92% POLYAMIDE 8% POLYURETHANE / INNER: 85% POLYAMIDE 15% POLYURETHANE

W MTN ARETE ULTRA DOWN HOODY

4A001213

HYDRODOWN™

`Be bold, start cold', so the old saying goes. But for the coldest mountain days, either on exposed ridgelines facing driving snow and biting wind, or enduring shiver-belays in dark gullies, staying warm, comfortable and protected is essential. Built for the harshest conditions, providing superior warmth, mobility, and genuine mountain durability, the W MTN Arete Ultra Down Hoody has your back.



003
NEW COLOUR



004
NEW COLOUR



002
NEW COLOUR

Features

- 850 fill-power Hydrodown® - incredible warmth to weight ratio
- Liquid Crystal mapping - high abrasion areas are extra-reinforced against rock, ice, and pack damage
- Helmet compatible wired peak hood - with single point rear adjustment
- Guide approved 5 pocket design: 2 x High hand pockets, 1 x external chest pocket, 2 x Internal stash mesh pockets
- Two-way front zip with internal zip guard - delivers additional protection against cold
- Three zone body mapped insulation - optimise warmth & mobility whilst minimising bulk
- Zone 1: Offset baffle construction with reflective technology - eliminates cold spots & retains body heat
- Zone 2: Stitch-through baffles - improved breathability where you need it
- Zone 3: Stitch-through micro baffles - for even greater temperature regulation and comfort
- Reflect Technology in body of jacket - directing body generated heat back towards your core
- Through-pocket dual hem adjustment - for comfort and ease
- Dropped hem - extra coverage and warmth
- Reflective detailing - improved visibility & safety in poor conditions
- Supported by Repairhaus

Colours

- NEW COLOUR 003 Quantum Teal
- NEW COLOUR 004 Geo Flare
- NEW COLOUR 002 Jet Black

Sizes 8 - 18

Specifications

- Product weight is circa - 380g (Size UK 12)
- Centre back length - 68.5cm
- Main 1 Denier - 10D
- MADE IN THAILAND

Fabrics

BODY: 100% POLYAMIDE / UPPER BODY: 93% POLYAMIDE / 7% POLYESTER / LINING: 100% POLYAMIDE / INSULATION: 100% DOWN (90% DOWN & 10% GOOSE FEATHER) / MESH: 86% POLYESTER / 14% ELASTANE / % CONTAINS NON-TEXTILE PARTS OF ANIMAL ORIGIN

W MTN GUIDE MW HOODY

4A001218



Pushing hard in the mountains means sweat. In cold conditions you can't afford for your layers to become saturated or you'll get cold, fast. That's why layering and fabrics are so important. The W MTN Guide MW Hoody helps you maintain optimum temperature and comfort. Using Polartec® Power Grid™ makes it fast wicking and quick drying, whilst remaining lightweight. With its built in Polartec® Power Wool™ neck gaiter / mask it provides amazing comfort and performance. This is quite simply everything you need from a mid-layer for high output activities in cold conditions.



Features

- Body-mapped Polartec® Power Grid™ - lightweight warmth and breathability, that's fast wicking and quick drying, with lighter warmth underarm
- Polartec® Power Wool™ internal neck gaiter / mask - combining merino wool and synthetic fibres in one, for optimal warmth, breathability and comfort
- Under-helmet hood with micro bind finish - lightweight with a snug and comfortable fit
- Harness & pack compatibility - with 2 x raised hand pockets
- Strategically placed flatlock seams - low-profile reduces chafing and enhances comfort
- Micro-bind hem and stretch cuffs - snug fit, with minimised weight
- Reflective detailing - improved visibility & safety in poor conditions
- All materials are PFC free
- Supported by Repairhaus

Colours

- NEW COLOUR

003 Spectral Purple
- NEW COLOUR

002 Jet Black

Sizes

Specifications

- Product weight is circa - 370g (Size UK 12)
- Centre back length - 61cm
- MADE IN VIETNAM

Fabrics

BODY: 93% POLYESTER / 7% ELASTANE /
PANELS: 91% POLYESTER / 9% ELASTANE /
WOVEN PANELS: 85% POLYAMIDE / 15%
ELASTANE / PANELS: 70% POLYESTER / 30%
WOOL / TRIM: 100% POLYESTER

W MTN GUIDE ALPINE PANT

4A001565

Wherever you're going and whatever you're doing, this lightweight softshell pant will perform all day and night. Designed for constant use, the W MTN Guide Alpine Pant is your 'go anywhere, do everything' companion. We know how vital it is to have legwear that is utterly reliable and comfortable, so you can focus on the route ahead. This softshell marvel is tough, lightweight, weather resistant, breathable and stretchy - the perfect combination for every stage of an Alpine ascent. We've included fit adjustment where you need it, storage for essentials, and ankle adjustment for ease of use with mountaineering, multi-active or rock-climbing footwear.



Features

- Dual softshell fabric application in a women's specific fit Windproof 90D softshell delivering durable protection and four-way stretch, with enhanced durability in high wear areas
- With a rating of 3 CFM, our softshell fabric is virtually windproof, providing outstanding protection while on the move
- PFC-free DWR (Durable Water Repellent) treatment
- Elasticated waist with belt loops - for a comfortable fit, however you wear the pant
- Harness compatible pocket system - two vertical zipped thigh pockets and one horizontal thigh security pocket
- Deep thigh vents - great for dumping excess heat when you're working hard or the temperature rises
- Internal front zip guard - delivers additional protection against cold
- Reflective detailing - improved visibility & safety in poor conditions
- Supported by Repairhaus

Colours

- NEW COLOUR** 003 Spectral Purple
- NEW COLOUR** 002 Jet Black

Sizes 8 - 18

Specifications

- Product weight is circa - 380g (Size UK 12)
- Main 1 Denier - 90D
- MADE IN VIETNAM

Fabrics

PANELS: 91% POLYAMIDE / 9% SPANDEX /
REINFORCEMENTS: 92% POLYAMIDE / 8%
POLYURETHANE

W MTN GUIDE ALPINE LEGGING

4A001500

Delivering everything you need in an Alpine pant, but in a legging that doesn't compromise on performance, features, protection or comfort. If you prefer leggings to pants, we've created the ideal Alpine product for you. The W MTN Guide Alpine Legging delivers all of the performance, durability and comfort you need, without making the compromises that you will find in other leggings. We've built in all of the right mountain features, used durable, technical material that protects and breathes, and we've worked hard on the fit to deliver outstanding comfort, freedom of movement and the flattering aesthetics that are the trademarks of the best leggings.



002
NEW COLOUR



Features

- Dual fabric application providing excellent freedom of movement and enhanced durability where you need it most
- Windproof four-way stretch 90D softshell - to the rear, knees, inner lower leg area and pockets
- Four-way stretch performance knit legging with PFC-free DWR (Durable Water Repellent) treatment
- Deep waistband - for ultimate comfort and support at all times
- Harness compatible pocket system - two vertical zipped thigh pockets and one horizontal thigh security pocket
- Reflective detailing - for safety and improved visibility on the mountain
- Supported by Repairhaus

Colours

NEW COLOUR 002 Jet Black

Sizes

Specifications

- Product weight is circa - 270g (Size UK 12)
- Main 1 Denier - 90D
- MADE IN VIETNAM

Fabrics

BODY: 91% POLYAMIDE / 9% SPANDEX / PANELS: 75% POLYAMIDE / 25% SPANDEX



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.





Men's



EXTREM VANGUARD GTX JKT AM

4A002083



3L GORE-TEX ePE fabric offers the highest level of waterproof, breathable and durable protection, cut cleverly for long days of winter climbing in the most challenging conditions. A fully adjustable, helmet compatible hood, venting options, and adjustable cuffs and hem, mean that you can keep moving in comfort without compromising protection. Plenty of pockets allow you to always keep your essentials secure and within easy reach.



004
NEW COLOUR



003
NEW COLOUR



002
NEW COLOUR

Features

- 3L GORE-TEX Pro ePE products deliver durably waterproof, windproof and breathable protection and comfort in extreme conditions, and are PFAS-free for a reduced carbon footprint
- The fixed helmet compatible hood has a wired and stiffened peak and Cohesive cordlocks that can be used with gloved hands, providing excellent, fully adjustable protection at all times
- Highly technical Berghaus pattern cutting incorporates articulated panelling in the body and sleeves for exceptional arm lift, maximising freedom of movement in all activities and working effectively as the outer in a winter layering system
- Two-way pit zips for dumping heat quickly when working hard
- Two raised chest pockets have long two-way water resistant zips, for easy access at all times
- Two raised harness compatible pockets are ideal for keeping essential items close at hand
- Internal zipped security pocket and mesh dump pocket provide additional storage and venting options
- Dual hem adjustment uses Cohesive cordlocks for easily finding the right fit, even when wearing winter gloves
- Cuff tabs with hook and loop adjustment allow for a snug fit to keep the elements out and the warmth in
- Reflective Trango detailing on the back of the jacket for improved visibility in the dark and a distinctive Berghaus signature

Colours

- NEW COLOUR 004 Geo Flare/Purple
- NEW COLOUR 003 Quantum Teal
- NEW COLOUR 002 Jet Black

Sizes XS - 2XL

Specifications

- Product weight is circa - 590g (Size UK M)
- Centre back length - 77cm
- Hydrostatic Head - 28000mm
- Breathability Rating - EPE 12 RET
- CF Zipper: YKK Aquaguard
- Main 1 Denier - 70D
- MADE IN THAILAND

Fabrics

BODY: 100% POLYAMIDE WITH ePE MEMBRANE / LINING: 100% POLYAMIDE / POCKET LINING: 86% POLYESTER / 14% ELASTANE

EXTREM VANGUARD GTX PANT AM

4A002085



3L GORE-TEX ePE fabric offers the highest level of waterproof, breathable and durable protection, while the cleverly articulated cut allows exceptional freedom of movement at all times while climbing in the most challenging conditions. Fully separating side zips and plenty of adjustment at the lower legs makes this tough shell pant a welcome companion.



Features

- 3L GORE-TEX Pro ePE products deliver durably waterproof, windproof and breathable protection and comfort in extreme conditions, and are PFAS-free for a reduced carbon footprint
- Highly effective pattern cutting includes articulated knees and gusseted crotch, allowing for unrestricted movement during even the most challenging pitches
- Stud adjustment with cinching at the lower legs adds versatility, for mountaineering and ski touring
- Fully separating side zips for ease of putting on and taking off
- Full elasticated rear waistband delivers a better custom fit and enhanced comfort
- Two thigh pockets with water resistant zips for easy access to essentials, even when wearing a harness
- Durable kicker patch at inner hem for added durability
- Diamond gusset at crotch for excellent freedom of movement
- Attachment points for braces to allow for a customised and more flexible fit
- Internal gaiters with elastic cuff, stud fastening and boot loop
- Supported by Repairhaus

Colours

- NEW COLOUR 004 Quantum Teal
- NEW COLOUR 003 Spectral Purple
- NEW COLOUR 002 Jet Black

Sizes XS - 2XL

Specifications

- Product weight is circa - 546g (Size UK M)
- Hydrostatic Head - 28000mm
- Breathability Rating - EPE 12 RET
- Zippers: YKK Aquaguard
- Main 1 Denier - 70D
- MADE IN THAILAND

Fabrics

BODY: 100% POLYAMIDE WITH EPE MEMBRANE / REINFORCEMENTS: 92% POLYAMIDE 8% POLYURETHANE / INNER: 85% POLYAMIDE 15% POLYURETHANE

M MTN ARETE ULTRA DOWN HOODY

4A001226

HYDR^oDOWN™

`Be bold, start cold', so the old saying goes. But for the coldest mountain days, either on exposed ridgelines facing driving snow and biting wind, or enduring shiver-belays in dark gullies, staying warm, comfortable and protected is essential. Built for the harshest conditions, providing superior warmth, mobility, and genuine mountain durability, the M MTN Arete Ultra Down Hoody has your back.



004
NEW COLOUR



003
NEW COLOUR



002
NEW COLOUR



Features

- 850 fill-power Hydrodown® - incredible warmth to weight ratio
- Liquid Crystal mapping - high abrasion areas are extra-reinforced against rock, ice, and pack damage
- Helmet compatible wired peak hood - with single point rear adjustment
- Guide approved 5 pocket design: 2 x High hand pockets, 1 x external chest pocket, 2 x Internal stash mesh pockets
- Two-way front zip with internal zip guard - delivers additional protection against cold
- Three zone body mapped insulation - optimise warmth & mobility whilst minimising bulk
- Zone 1: Offset baffle construction with reflective technology - eliminates cold spots & retains body heat
- Zone 2: Stitch-through baffles - improved breathability where you need it
- Zone 3: Stitch-through micro baffles - for even greater temperature regulation and comfort
- Reflect Technology in body of jacket - directing body generated heat back towards your core
- Through-pocket dual hem adjustment - for comfort and ease
- Dropped hem - extra coverage and warmth
- Reflective detailing - improved visibility & safety in poor conditions
- Supported by Repairhaus

Colours

- NEW COLOUR 004 Geo Flare
- NEW COLOUR 003 Quantum Teal
- NEW COLOUR 002 Jet Black

Sizes XS - 2XL

Specifications

- Product weight is circa - 470g (Size UK M)
- Centre back length - 70cm
- Windproof - Y
- Main 1 Denier - 10D
- MADE IN THAILAND

Fabrics

BODY: 100% POLYAMIDE / UPPER BODY: 93% POLYAMIDE / 7% POLYESTER / LINING: 100% POLYAMIDE / INSULATION: 100% DOWN (90% DOWN & 10% GOOSE FEATHER) / MESH: 86% POLYESTER / 14% ELASTANE / % CONTAINS NON-TEXTILE PARTS OF ANIMAL ORIGIN

M MTN GUIDE MW HOODY

4A001231



Pushing hard in the mountains means sweat. In cold conditions you can't afford for your layers to become saturated or you'll get cold, fast. That's why layering and fabrics are so important. The M MTN Guide MW Hoody helps you maintain optimum temperature and comfort. Using Polartec® Power Grid™ makes it fast wicking and quick drying, whilst remaining lightweight. With its built in Polartec® Power Wool™ neck gaiter / mask it provides amazing comfort and performance. This is quite simply everything you need from a mid-layer for high output activities in cold conditions.



003
NEW COLOUR



002
NEW COLOUR



Features

- Body-mapped Polartec® Power Grid™ - lightweight warmth and breathability, that's fast wicking and quick drying, with lighter warmth underarm
- Polartec® Power Wool™ Internal Neck Gaiter / Mask - combining merino wool and synthetic fibres in one, for optimal warmth, breathability and comfort
- Under-helmet hood with micro bind finish - lightweight with a snug and comfortable fit
- Harness & pack compatibility - with 2 x raised hand pockets
- Strategically placed flatlock seams - low-profile reduces chafing and enhances comfort
- Micro-bind hem and stretch cuffs - snug fit, with minimised weight
- Reflective detailing - improved visibility & safety in poor conditions
- All materials are PFC free
- Supported by Repairhaus

Colours

- NEW COLOUR** 003 Spectral Purple
- NEW COLOUR** 002 Jet Black

Sizes

Specifications

- Product weight is circa - 420g (Size UK M)
- Centre back length - 66cm
- MADE IN VIETNAM

Fabrics

BODY: 93% POLYESTER / 7% ELASTANE /
PANELS: 91% POLYESTER / 9% ELASTANE /
WOVEN PANELS: 85% POLYAMIDE / 15%
ELASTANE / PANELS: 70% POLYESTER / 30%
WOOL / TRIM: 100% POLYESTER

M MTN GUIDE ALPINE PANT

4A001515

Wherever you're going and whatever you're doing, this lightweight softshell pant will perform all day and night. Designed for constant use, the M MTN Guide Alpine Pant is your 'go anywhere, do everything' companion. We know how vital it is to have legwear that is utterly reliable and comfortable, so you can focus on the route ahead. This softshell marvel is tough, lightweight, weather resistant, breathable and stretchy - the perfect combination for every stage of an Alpine ascent. We've included fit adjustment where you need it, storage for essentials, and ankle adjustment for ease of use with mountaineering, multi-active or rock-climbing footwear.



Features

- Dual softshell fabric application in a men's specific fit windproof 90D softshell delivering durable protection and four-way stretch, with enhanced durability in high wear areas
- 3 CFM rating - our softshell fabric is virtually windproof, providing outstanding protection
- PFC-free DWR (Durable Water Repellent) treatment
- Elasticated waist with belt loops - for a comfortable fit, however you wear the pant
- Harness compatible pocket system - two vertical zipped thigh pockets and one horizontal thigh security pocket
- Deep thigh vents - great for dumping excess heat when you're working hard or the temperature rises
- Internal front zip guard - delivers additional protection against cold
- Reflective detailing - improved visibility & safety in poor conditions
- Supported by Repairhaus

Colours

- NEW COLOUR

003 Spectral Purple
- NEW COLOUR

002 Jet Black

Sizes XS - 2XL

Specifications

- Product weight is circa - 410g (Size UK M)
- Main 1 Denier - 90D
- MADE IN VIETNAM

Fabrics

PANELS: 91% POLYAMIDE / 9% SPANDEX /
REINFORCEMENTS: 92% POLYAMIDE / 8%
POLYURETHANE



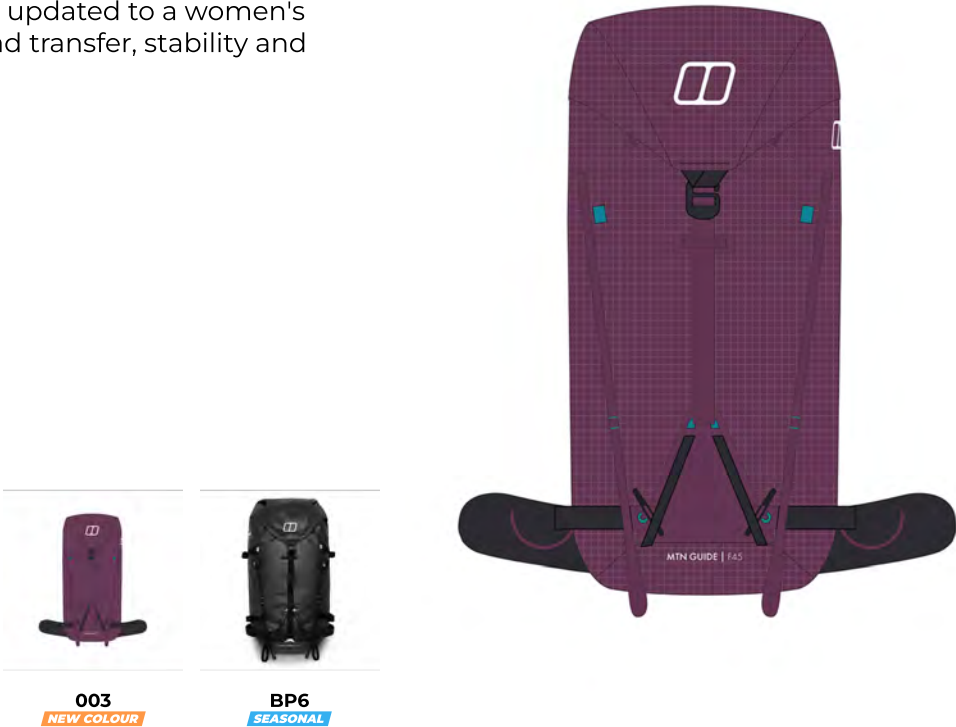
Equipment



MTN GUIDE F45+ AF

4E000187

The 45L capacity is ideal for long days in the mountains and the main bag can be easily accessed with a rear zip, so you can get to your kit whenever you need it . The pack is made out of extremely durable and water resistant materials, and all other components are hardwearing, for great performance in the harshest conditions. The pack shape and harness have been updated to a women's specific design, to improve load transfer, stability and comfort.



Features

- A new women's specific harness system delivers improved load transfer and comfort, and better moisture management during long days of activity
- The bag is made out of TPU coated 420D ripstop nylon, which offers exceptional water and abrasion resistance
- The new breathable back panel incorporates a 10mm hypercushion spacer mesh, covered with hardwearing monomesh flat nylon to offer moisture management, padding and abrasion resistance without the risk of snow build-up
- 100% 210d nylon Seawastex fabric on the shoulder straps and bivvi for durability and water resistance
- Updated bag shape for improved stability and load transfer
- Top load opening with cinch bivvi closure and zip opening at the back system, provide easy, quick access to the bag
- Reinforced attachment points for carrying skis and ice axes
- Multiple options for stripping the pack allows you to adapt to your specific needs, by removing features: Hip belt webbing and padding; lid and lid closure; side compression straps; helmet holder; sternum strap; backboard; frame; aluminium stays
- Supported by Repairhaus

Colours

- NEW COLOUR

003

Purple/White
- SEASONAL

BP6

Jet Black

Sizes ONESZ

Specifications

- Product weight is circa - 1650g
- Height (cm): 57 Width (cm): 23 Depth (cm): 29
- Capacity is 45L
- MADE IN VIETNAM

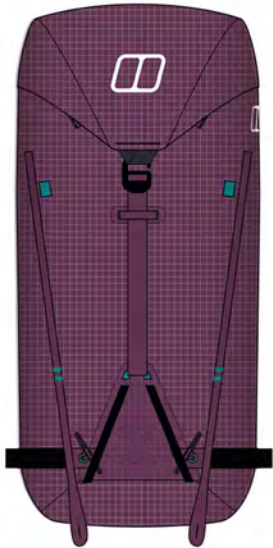
Fabrics

Main Body : 100% Nylon / Lining : 100% Polyester

MTN GUIDE F32+ AF

4E000188

The 32L capacity is ideal for all the essentials you need for a day in the mountains. The main bag is made out of extremely durable and water resistant materials and can be easily accessed with a rear zip, so you can get to your kit whenever you need it. All other components are hardwearing and used to deliver great performance in the harshest conditions. The pack shape and harness have been updated to a women's specific design, to improve load transfer, stability and comfort.



Features

- A new women's specific harness system delivers improved load transfer and comfort, and better moisture management during long days of activity
- The bag is made out of TPU coated 420D ripstop nylon, which offers exceptional water and abrasion resistance
- The new breathable back panel incorporates a 10mm hypercushion spacer mesh, covered with hardwearing monomesh flat nylon to offer moisture management, padding and abrasion resistance without the risk of snow build-up
- 100% Ocean 210d nylon Seawastex fabric on the shoulder straps and bivvi for durability and water resistance
- Updated bag shape for improved stability and load transfer
- Top load opening with cinch bivvi closure and zip opening at the back system, provide easy, quick access to the bag
- Reinforced attachment points for carrying skis and ice axes
- Multiple options for stripping the pack allows you to adapt to your specific needs, by removing features: Hip belt webbing and padding; lid and lid closure; side compression straps; helmet holder; sternum strap; backboard; frame; aluminium stays
- Supported by Repairhaus

Colours

- NEW COLOUR** 003 Purple/White
- SEASONAL** BP6 Jet Black

Sizes ONESZ

Specifications

- Product weight is circa - 1400g
- Height (cm): 57 Width (cm): 20 Depth (cm): 26
- Capacity is 32L
- MADE IN VIETNAM

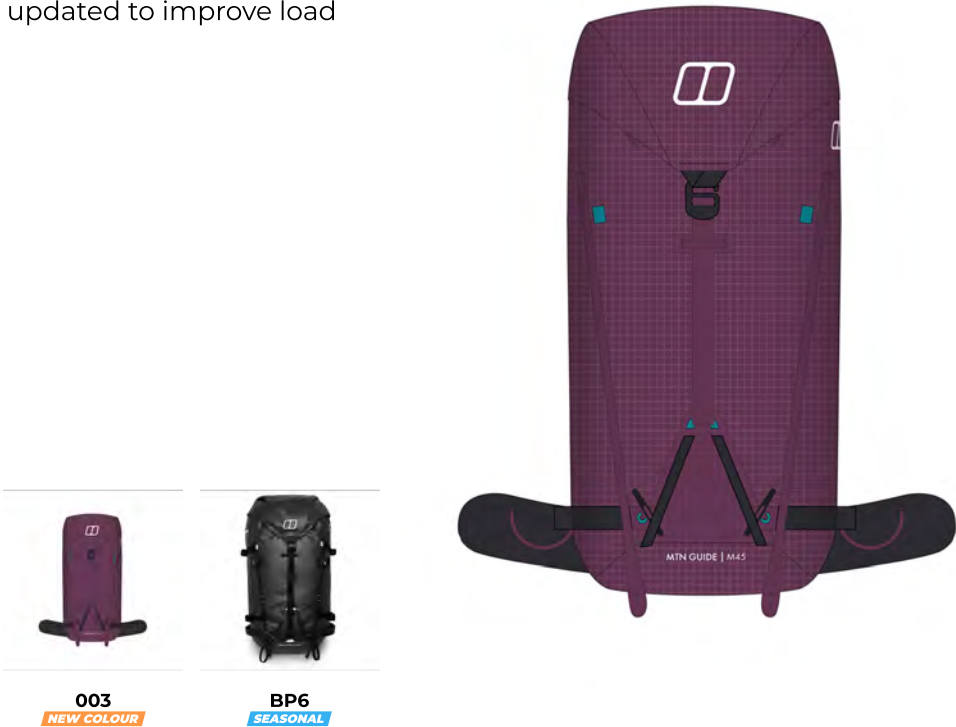
Fabrics

Main Body : 100% Nylon / Lining : 100% Polyester

MTN GUIDE M45+ AM

4E000189

The 45L capacity is ideal for long days in the mountains and the main bag can be easily accessed with a rear zip, so you can get to your kit whenever you need it . The pack is made out of extremely durable and water resistant materials, and all other components are hardwearing, for great performance in the harshest conditions. The pack shape and harness have been updated to improve load transfer, stability and comfort.



Features

- An updated harness system delivers improved load transfer and comfort, and better moisture management during long days of activity
- The bag is made out of TPU coated 420D ripstop nylon, which offers exceptional water and abrasion resistance
- The new breathable back panel incorporates a 10mm hypercushion spacer mesh, covered with hardwearing monomesh flat nylon to offer moisture management, padding and abrasion resistance without the risk of snow build-up
- 100% Ocean 210d nylon Seawastex fabric on the shoulder straps and bivvi for durability and water resistance
- Updated bag shape for improved stability and load transfer
- Top load opening with cinch bivvi closure and zip opening at the back system, provide easy, quick access to the bag
- Reinforced attachment points for carrying skis and ice axes
- Multiple options for stripping the pack allows you to adapt to your specific needs, by removing features: Hip belt webbing and padding; lid and lid closure; side compression straps; helmet holder; sternum strap; backboard; frame; aluminium stays
- Supported by Repairhaus

Colours

- NEW COLOUR** 003 Purple/White
- SEASONAL** BP6 Jet Black

Sizes ONESZ

Specifications

- Product weight is circa - 1680g
- Height (cm): 57 Width (cm): 23 Depth (cm): 29
- Capacity is 45L
- MADE IN VIETNAM

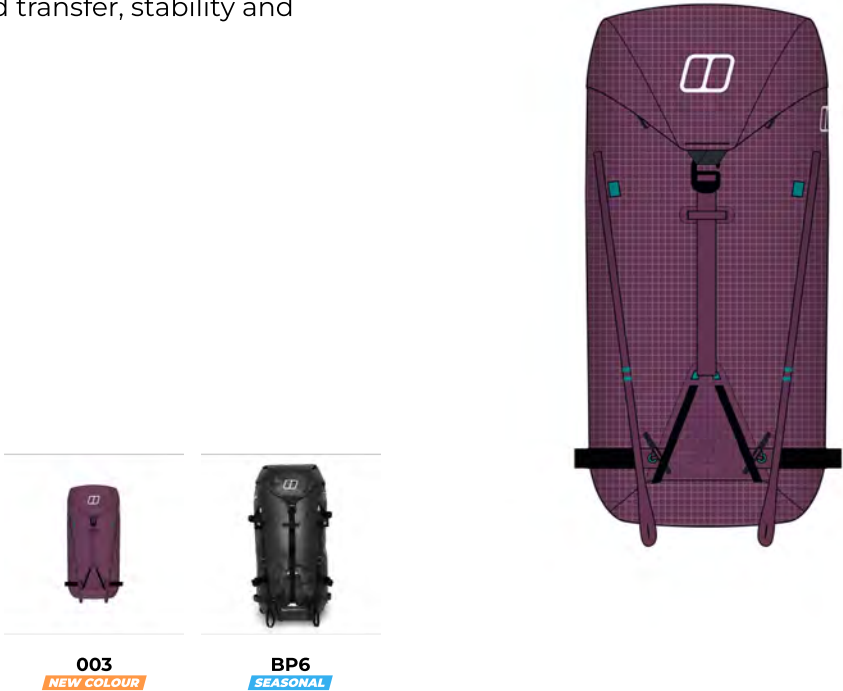
Fabrics

Main Body : 100% Nylon / Lining : 100% Polyester

MTN GUIDE 32+ AM

4E000190

The 32L capacity is ideal for all the essentials you need for a day in the mountains. The main bag is made out of extremely durable and water resistant materials and can be easily accessed with a rear zip, so you can get to your kit whenever you need it. All other components are hardwearing and used to deliver great performance in the harshest conditions. The pack shape and harness have been updated to improve load transfer, stability and comfort.



Features

- An updated harness system delivers improved load transfer and comfort, and better moisture management during long days of activity
- The bag is made out of TPU coated 420D ripstop nylon, which offers exceptional water and abrasion resistance
- The new breathable back panel incorporates a 10mm hypercushion spacer mesh, covered with hardwearing monomesh flat nylon to offer moisture management, padding and abrasion resistance without the risk of snow build-up
- 100% Ocean 210d nylon Seawastex fabric on the shoulder straps and bivvi for durability and water resistance
- Updated bag shape for improved stability and load transfer
- Top load opening with cinch bivvi closure and zip opening at the back system, provide easy, quick access to the bag
- Reinforced attachment points for carrying skis and ice axes
- Multiple options for stripping the pack allows you to adapt to your specific needs, by removing features: Hip belt webbing and padding; lid and lid closure; side compression straps; helmet holder; sternum strap; backboard; frame; aluminium stays
- Supported by Repairhaus

Colours

- NEW COLOUR** 003 Purple/White
- SEASONAL** BP6 Jet Black

Sizes ONESZ

Specifications

- Product weight is circa - 1425g
- Height (cm): 57 Width (cm): 20 Depth (cm): 26
- Capacity is 32L
- MADE IN VIETNAM

Fabrics

Main Body : 100% Nylon / Lining : 100% Polyester



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.





Women's Vanguard GTX



**Extrem Vanguard
GTX JKT AF**
4-A002080002



002



**Extrem Vanguard
GTX JKT AF**
4-A002080003



003



**Extrem Vanguard
GTX JKT AF**
4-A002080004



004



**Extrem Vanguard
GTX Pant AF**
4-A002085002



002



**Extrem Vanguard
GTX Pant AF**
4-A002085003



003



**Extrem Vanguard
GTX Pant AF**
4-A002085004



004



Women's MTN Arete



**W MTN Arete
Ultra Down Hoody**
4-A001213002



002



**W MTN Arete
Ultra Down Hoody**
4-A001213003



003



**W MTN Arete
Ultra Down Hoody**
4-A001213004



004



**MTN
Guide MW Hoody**
4-A001218002



002



**MTN
Guide MW Hoody**
4-A001218003



003



**W MTN Guide
Alpine Pant**
4-A001565002



002



**W MTN Guide
Alpine Pant**
4-A001565003



003



**W MTN Guide
Alpine Legging**
4-A001500002



002



Women's Equipment



**MTN GUIDE
F45+ AF**
4-E000187BP6



BP6



**MTN GUIDE
F45+ AF**
4-E000187003



003



**MTN GUIDE
F32+ AF**
4-E000188BP6



BP6



**MTN GUIDE
F32+ AF**
4-E000188003



003



berghaus



Men's Vanguard GTX



**Extrem Vanguard
GTX JKT AM**
4-A002083002



002



**Extrem Vanguard
GTX JKT AM**
4-A002083003



003



**Extrem Vanguard
GTX JKT AM**
4-A002083004



004



**Extrem Vanguard
GTX Pant AM**
4-A002085002



002



**Extrem Vanguard
GTX Pant AM**
4-A002085003



003



**Extrem Vanguard
GTX Pant AM**
4-A002085004



004



Men's MTN Arete



**M MTN Arete
Ultra Down Hoody**
4-A001226002



002



**M MTN Arete
Ultra Down Hoody**
4-A001226003



003



**M MTN Arete
Ultra Down Hoody**
4-A001226004



004



**M MTN Guide
MW Hoody**
A001231002



002



**M MTN Guide
MW Hoody**
A001231003



003



**M MTN Guide
Alpine Pant**
4-A001515002



002



**M MTN Guide
Alpine Pant**
4-A001515003



003



Men's Equipment



**MTN GUIDE
M45+ AM**
4-E000189BP6



BP6



**MTN GUIDE
M45+ AM**
4-E000189003



003



**MTN GUIDE
32+ AM**
4-E000190BP6



BP6



**MTN GUIDE
32+ AM**
4-E000190003



003



WATCH
MORE



THE GORE-TEX MEMBRANE & LAMINATES

The GORE-TEX membrane is an extremely thin layer made by expanding Polytetrafluoroethylene (ePTFE) or Polyethylene (ePE) that is bonded to an outer textile and, in many instances, a lining. It is durably waterproof and windproof, yet it is breathable. This means water from the outside doesn't penetrate, cold wind doesn't pass through, yet perspiration can escape.

HOW DOES IT WORK?

The GORE-TEX membrane has over 1.4 billion pores per square centimetre.

These pores are 20,000 times smaller than a water droplet, making the membrane totally waterproof, but they are 700 times larger than a water vapour molecule, which means perspiration passes through and escapes.

The GORE-TEX membrane is only 0.01mm thick and it is inside the product.

To make it suitable for the intended use, the GORE-TEX membrane is bonded to high quality textiles and reinforced with other materials. Body oils and products such as insect repellent can contaminate the membrane, ultimately causing it to leak. To prevent contamination and ensure durability of the fabric, a protective layer is integrated into the membrane.

GORE-TEX fabrics are created by laminating the GORE-TEX membrane between high-performance lining and outer textiles.

Multiple GORE-TEX fabrics have been developed for specific end uses, each one ensuring outstanding durably waterproof, windproof and breathable protection.

SEAM TAPING - BRINGING IT ALL TOGETHER

Every stitch in a seam is a potential leak. That's why for maximum waterproof protection, we rely on GORE-SEAM® tape.



GORE-TEX GARMENTS CONSTRUCTIONS:

2 LAYER GORE-TEX FABRIC

The GORE-TEX membrane is bonded to the outer textile. On the inside the membrane is protected by a separate drop lining.



2 LAYER INSULATED GORE-TEX FABRIC

The GORE-TEX membrane is bonded to the outer fabric. A special insulation layer is suspended freely between the 2-layer laminate and the inner lining.



3 LAYER GORE-TEX FABRIC

The GORE-TEX membrane is bonded to the outer textile as well as a backer material on the inside.



LINER

We sell a laminate that consists of the GORE-TEX membrane either bonded directly to a liner fabric or freely suspended between the liner and outer face textile. In both cases the customer adds the outer face textile.



FOCUS ON GORE-TEX PRODUCTS WITH INNOVATIVE ePE MEMBRANE

Expanding our material platforms to further unlock opportunities in sustainability and performance. Introducing new GORE-TEX Products based on our complementary ePE material platform. This is an exciting time in our journey.

WE ARE INTRODUCING AN EVOLUTION.

As part of our complementary materials strategy, we are extending our material platforms to expanded Polyethylene (ePE) to unlock opportunities in Sustainability and Performance.

It leverages our deep polymer science and membrane composite knowledge and offers tremendous opportunities for further innovations.

The story is legendary in the outdoor industry: one night in 1969, after a long day of challenging research into making a cheaper plumber's tape, Bob Gore quickly yanked a piece of PTFE (polytetrafluoroethylene) in frustration and unexpectedly discovered a new expanded material with incredible properties. Through this revelation, expanded polytetrafluoroethylene (ePTFE) was born.

As a continuation of this journey, Gore Associates have used their experience with ePTFE, acquired knowledge and insight of polymer processing and materials science to create an innovative membrane based on expanded polyethylene (ePE). More than four decades of experience and expertise is applied to this polymer, expanding polyethylene (PE) in just the right conditions to create a strong microporous polymer scaffold.

"As a materials science company, much of the knowledge that we have developed over the last 40 years isn't specific to a singular material. This expertise and deep understanding of our applications is what enables us to create complementary, durable ePE products for use in GORE-TEX brand consumer products." **Matt Decker, Gore's Global Technical & Innovation Leader for Consumer Fabrics.**

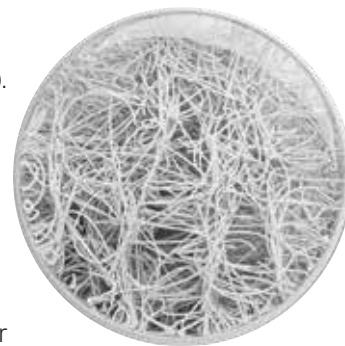
MORE DETAILS ON THE GORE-TEX ePE MEMBRANE:

The innovative GORE-TEX membrane is based on expanded Polyethylene (ePE).

This membrane is light, thin yet strong and enables durable waterproof, windproof and breathable performance.

It is PFAS-free* and has a reduced carbon footprint (per Higg MSI) achieved by its lower material mass along with a new material combination.

* made without intentionally added per- and polyfluorinated substances; may contain trace amounts.



BIG CHANGE START SMALL



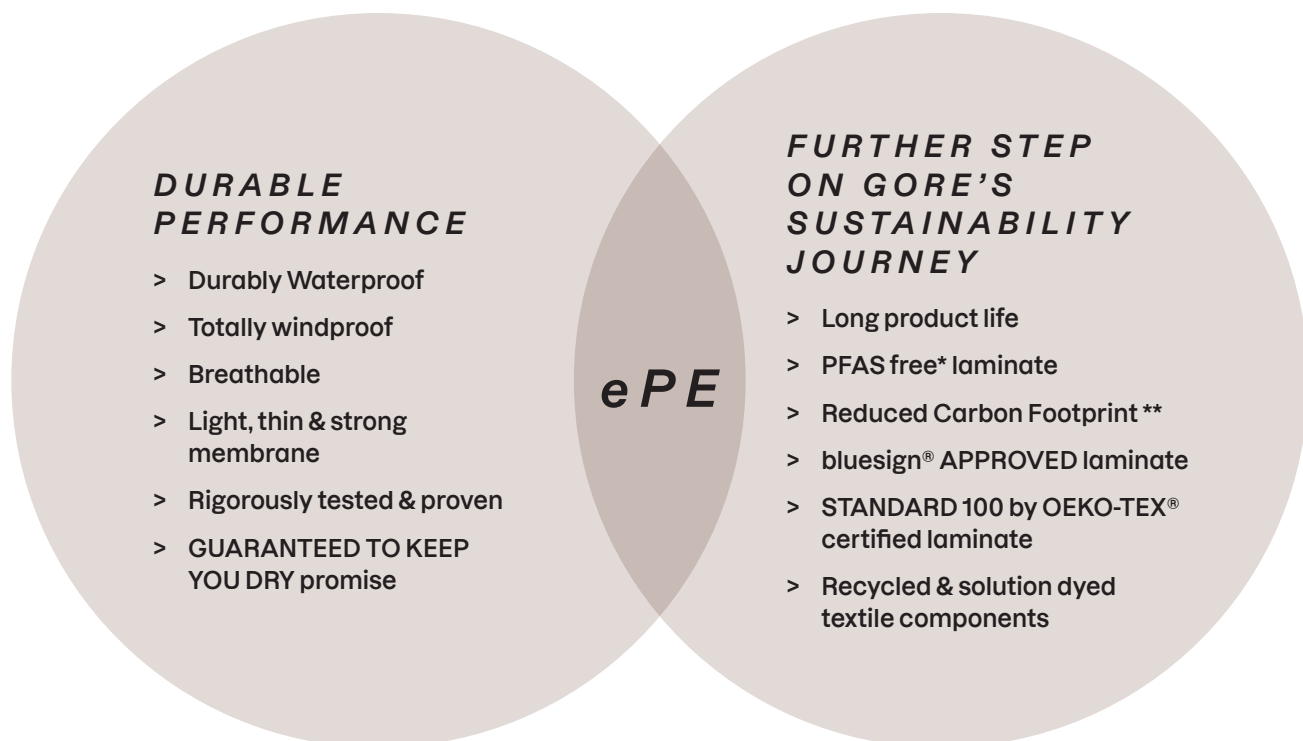


GORE-TEX products provide durably waterproof, windproof, and breathable protection and comfort with a long product life; they are PFAS-free* with a reduced carbon footprint**.

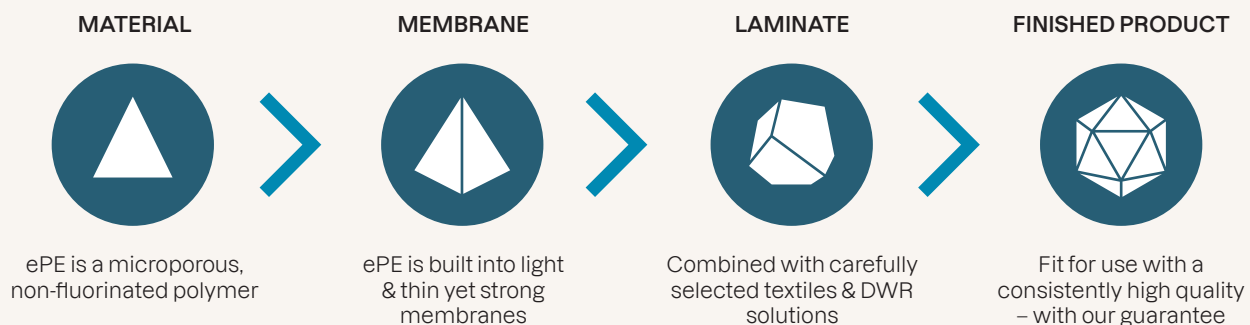
UNLOCKING OPPORTUNITIES IN SUSTAINABILITY & PERFORMANCE

GORE-TEX Products with innovative ePE membrane offer durable performance and are a further step on Gore's sustainability journey (gore-tex.com/sustainability).

Starting AW23 we are bringing the innovative ePE membrane to many more end uses and products.



FROM MATERIAL TO FINISHED PRODUCT



Leveraging our unparalleled knowledge, expertise and capabilities, that we have built for more than 40 years

** through the laminate's innovative membrane and select textiles (per Higg MSI)



HYDROLOFT™

Hydroloft is Berghaus' synthetic insulation technology. This applies to when any type of synthetic insulation is used, unless from a known branded supplier like Primaloft.

Synthetic Insulation comes in different forms.

SHEET FORM

This comes in different weights/thickness that offer different levels of warmth, this does effect its packability.

POLY BALL

These look and act much more like down clusters, meaning you need to use similar baffle construction. They will pack down better than sheet insulation.

Not as light or have the loft as down so can sit at the bottom of each baffle, limiting the size and designs of baffles.

Gives a good level of performance for a lower cost.

REFLECT

USE YOUR HEAT

REFLECT MESH

Reflect Mesh technology is an aluminium coated matrix that is added to many of our down jackets.

This mesh acts as a reflector preventing radiative heat loss, bouncing heat that you generate back into the jacket considerably boosting warmth.

Our research and development team have done extensive testing both in a controlled lab with Mick Fowler and on expedition with Leo Houlding on Mirror Wall in the high Arctic of Greenland. The testing showed that the Reflect Mesh delivers up to 10% greater thermal efficiency which can be vital when you're playing in the worlds coldest environments.

KEY BENEFITS

- Every individual fibre is coated with aluminium creating a matrix that reflects heat meaning that you retain the warmth that you create.
- Invisible Reflect Mesh technology around the centre of your body – warmth to the core.
- Provides up to 10% greater thermal efficiency compared to a down jacket without.

THE DIFFERENT TYPES OF DOWN

Fill power is a measure of the loft or "fluffiness" of a down product that is loosely related to the insulating value of the down. Higher fill powers are associated with a larger percentage of down clusters and a larger average down cluster size.

Typically there are two types of down, goose or duck. Goose clusters are generally larger than duck clusters and typically come from older, larger birds.

As a result, their down tends to produce higher fill powers.

600 fill power using duck down is used in insulated jackets where warmth vs weight ratio is less important. 850 fill power, using goose down is extremely effective where high performance insulation is required.

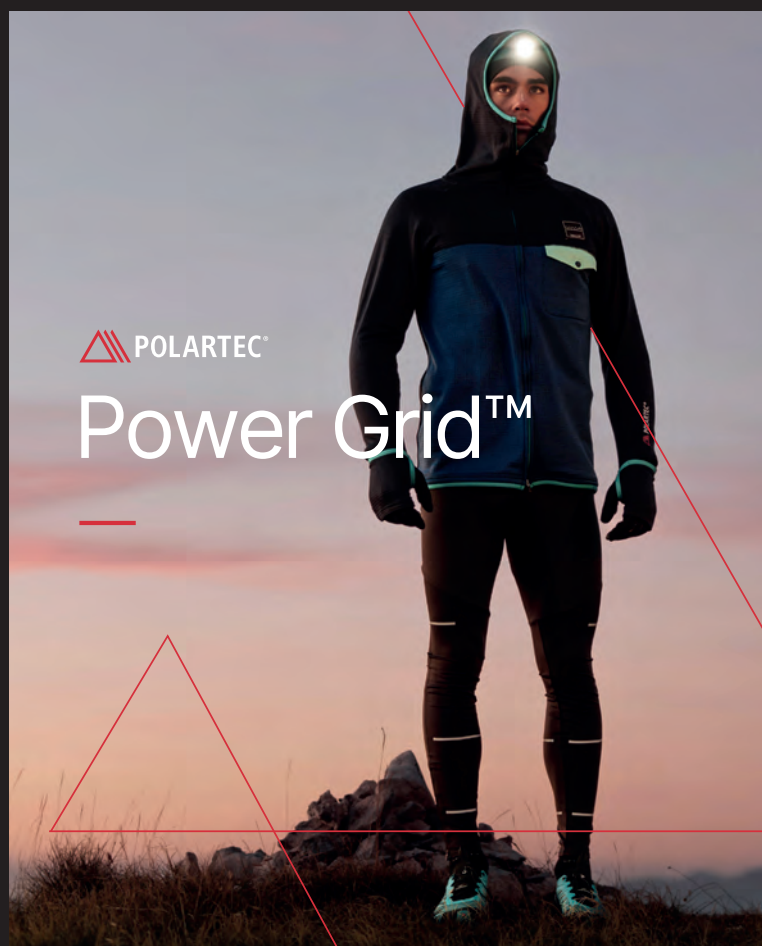
You might also see a down to feather ratio rating against down products. An example is 90/10 which indicates 90% down clusters are used with 10% feathers. The higher the down cluster percentage the better the quality of the fill.



1 oz. 300 loft 1 oz. 400 loft 1 oz. 600 loft 1 oz. 700 loft 1 oz. 800 loft



Typical 'bargain' down Department store down Very good quality down Exceptional quality down Very highest quality down



POLARTEC®

Power Grid™

Power Grid™ Key Features & Benefits.



Bi-component knit.



Superior wicking.



Highly breathable.



Warmth without weight.



Efficient performance.

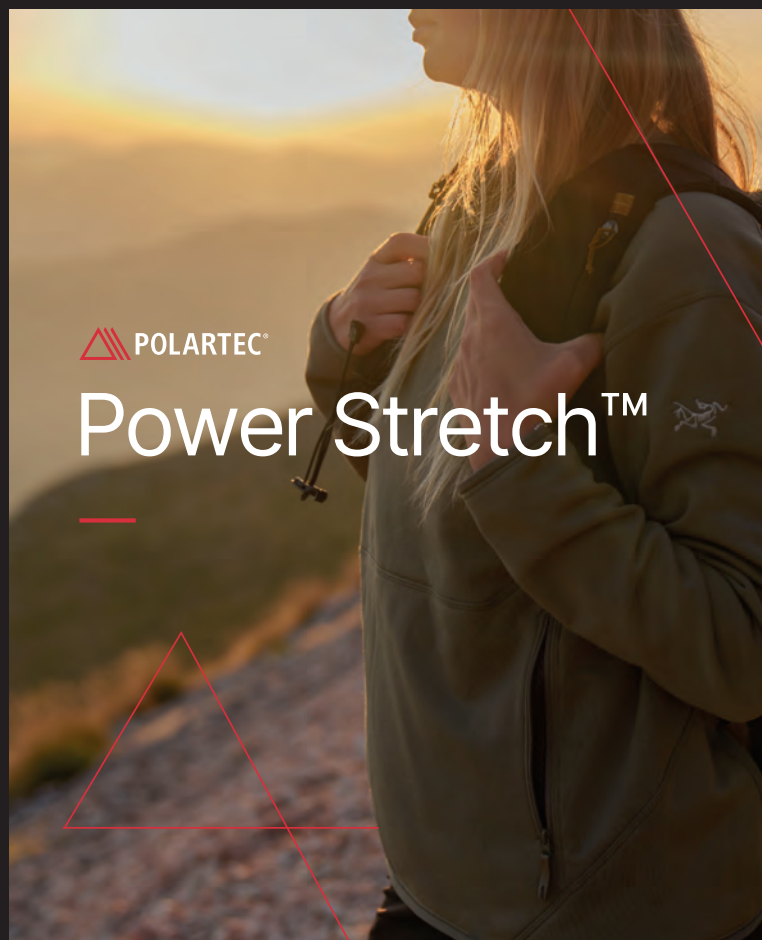


Lightweight.

Lightweight fabric, made for movement.

Polartec® Power Grid™ is a lightweight fleece base layer designed to optimize and regulate body temperature. The proprietary grid fabric construction bi-component knit wicks away moisture and transfers it to outer layers for fast evaporation. It's grid design creates open air channels to increase breathability and reduce bulk, while enhancing thermoregulation.

- Comfortable and ultralight fleece, keeping you warm without weighing you down.
- Breathable knit keeps heat in when it's needed, lets it out when it's not.
- Removes moisture to keep you in the moment, without distractions.
- Compressible for easy packing.



POLARTEC®

Power Stretch™

Power Stretch™ Key Features & Benefits.



Dual surface.



Four-way stretch.



Shape retention.



Highly breathable.



Superior wicking.

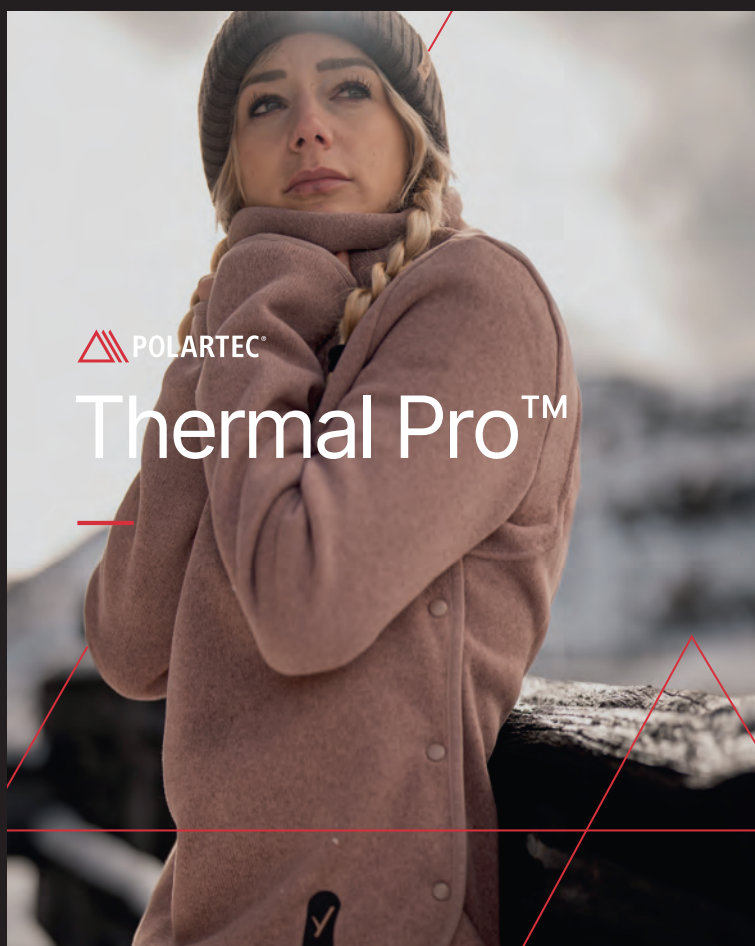


Fast drying.

Dynamic stretch and recovery knit technology, made for performance.

Polartec® Power Stretch™ is an agile shape retaining, 4-way stretch fabric. Engineered for resilience and comfortable warmth with a low-friction, highly breathable and moisture wicking dual surface.

- Tough and agile for the most demanding activities.
- Go beyond with unrestricted stretch and recovery.
- Removes moisture to keep you in the moment, without distractions.
- Made to layer comfortably with other fabrics.




Thermal Pro™

Thermal Pro™ Key Features & Benefits.



Performance
fleece.



Versatile
styles.



Warmth
without weight.



Highly
breathable.



Durable.



Easy care.

The evolution of an original, made to be versatile.

Polartec® Thermal Pro™ is thermal fleece, redesigned. An adaptable fabric suitable for a variety of styles and applications, Thermal Pro™ advances the original fleece with innovative knit structures providing breathability, warmth and durability throughout diverse style options.

- The original synthetic fleece, adapted for versatility.
- Comfortable and lightweight, keeping you warm without weighing you down.
- Keep heat in when it's needed, let it out when it's not.
- Tough and durable for the most demanding activities.




Power Wool™

Power Wool™ Key Features & Benefits.



Bi-component
knit.



Fine wool
interior.



Synthetic
exterior.



Naturally odor
reducing.



Shape
retention.



Highly
breathable.

Versatile bi-component wool knit, made for comfort.

Polartec® Power Wool™ combines the classic comfort and thermoregulation of wool with the base-layer fabric performance of advanced synthetic fibers. The proprietary bi-component knit in Power Wool™ is a one-of-a-kind highly breathable and naturally odor reducing fabric.

- Advanced performance through synthetic fabric exterior.
- Classic wool thermoregulation, breathability and comfort on the inside.
- Keep heat in when it's needed, let it out when it's not.
- Made to withstand wear and tear, resilience you can rely on, again and again.
- An adaptive insulation experience for changing conditions and environments.
- Removes moisture to keep you in the moment, without distractions.



Size Guides

At Berghaus, we believe it's important for your clothing to fit well. All our products are designed to perform and fit as a layering system. Therefore, please note our garments will be sized to fit over or under other layers. Our size guide measurements are set out here so you can work out what product size you will be.

EXTREM Men's Size Guide

Please note: Charts refer to body measurements and not to the individual products.

Size	XS	S	M	L	XL	2XL
Chest (inches)	33-35	36-38	39-41	42-44	45-47	48-50
Chest (cm)	84-89	91-97	99-104	106-112	114-120	122-127
Waist (inches)	28	30	32	34	36	38
Waist (cm)	71	76	81	87	92	97
To fit inside leg (inches)	32	32	32	32	32	32
To fit inside leg (cm)	81	81	81	81	81	81



EXTREM Women's Size Guide

Please note: Charts refer to body measurements and not to the individual products.

Size	8	10	12	14	16	18
Bust (inches)	32	34	36	38	40	42
Bust (cm)	81	86	91	96	101	106
Waist (inches)	26	27.5	29	31	33	35
Waist (cm)	66	70	73.5	78.5	84	89
Hip (inches)	35	37	39	41	43	45
Hip (cm)	89	94	99	104	109	114.5
To fit inside leg (inches)	31	31	31	31	31	31
To fit inside leg (cm)	79	79	79	79	79	79





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