

CORPORATE SOCIAL RESPONSIBILITY



bluesign® System Partner

SALEWA has been an official bluesign® system partner since summer 2011 and is continuously increasing the share of bluesign® certified fabrics. The independent bluesign® system specializes in reducing the environmental impact throughout the entire textile supply chain. This is achieved by a holistic Input Stream Management approach that prevents the use of problematic substances at the beginning of the manufacturing process, before they enter the production cycle. The result is a clean process with sustainable ingredients that reduces the negative impacts these chemicals would otherwise have on the environment and people. bluesign® monitors the on-site implementation at all levels of the textile production chain, based on the five principles resource productivity, air emissions, occupational health and safety, water emissions and consumer protection. Following the most strictest international environmental standards, it amounts to a global seal of approval for the protection of people, resources and the environment.



PFC-free Durable Water Repellents (DWR)

PFCs are per- and polyfluorinated chemicals that are often used in outdoor gear due to their extreme water-, dirt-, and oil-repellent functions while at the same time ensuring breathability. Until a few years ago, these chemicals were the most broadly used. Only recently studies found about their persistence in the environment and their potential to cause health hazards. Since the production year 2014, SALEWA replaced all long-chain PFOAs, also known as C8 chemicals, with short-chain C6 PFCs (which are considered to be less resistant to environmental degradation) in all our garments, tents and sleeping bags. As a result, all these products are PFOA-free and at a minimum, C6-based DWR treatments are used. In SALEWA's technical styles this performance is crucial to prevent fabric saturation and protect users to stay warm and dry in extreme conditions. However, the use of C6s is only seen as an interim stage until comparable alternatives that ensure the same performance are available on the market. We are continuously investing to further reduce the use of C6-chemicals in our fabrics and increase the number of PFC-free products significantly without compromising on user-safety performance. Our current PFC-free (no use of C6 and C8 chemicals) durable water repellent finishing's can be identified by the BIONIC FINISH® ECO label and the PFC-free icon. Please note that contamination of PFCs can not be excluded.



Fair Wear Foundation Member / Leader Status from 2017

SALEWA has been a member of the Fair Wear Foundation (FWF) since September 2013. This independent, non-profit organisation works with companies and factories to improve labour conditions of the garment workers. Members must adhere to the FWF Code of Labour Practices, which contains eight internationally recognized labour standards derived from ILO Conventions and the UN's Declaration on Human Rights. They are: free choice of employment, no discrimination in employment, no exploitation of child labour, freedom of association and the right to collective bargaining, payment of a living wage, no excessive working hours, safe and healthy working conditions and a legally binding employment relationship. Members of FWF must comply with this Code of Labour Practices. Progress in implementing the code is evaluated by FWF each year through a so-called 'Brand Performance Check', the result of which is documented and transparently published on the FWF and SALEWA websites.

www.fairwear.org/resource/salewa-performance-check-2017/

www.salewa.com/fair-wear-foundation



RESPONSIBLE DOWN STANDARD - RDS

In recent years, animal rights activists have increasingly uncovered practices that are at odds with the welfare of ducks and geese. In particular, the raising of animals for gavage-based foie gras production and live plucking have drawn their ire given that such practices are often hard to uncover due to vast and convoluted supply chains. SALEWA joins them in rejecting these practices and is committed to a fair and proper handling of all natural resources available to us. Consequently, we carefully ensure that our down jackets and sleeping bags are only filled with high-quality, ethically harvested down. To ensure this in a transparent and credible fashion while eradicating unnecessary animal suffering from the supply chain, SALEWA purchases exclusively down that comes with RDS (Responsible Down Standard) certification. The RDS was the result of joint efforts and commitment by various stakeholders; especially inputs from suppliers, farmers, animal welfare organizations (Four Paws, PETA, German Animal Welfare Association) and industry experts were essential. It was published in 2014 and is currently the most comprehensive, independent certified animal welfare and traceability standard worldwide. It certifies the absence of live plucking and gavage but is also aimed at guaranteeing the respect for general animal welfare legislation and traceability. Animal husbandry is strictly checked and monitored from hatching to the harvesting of down.



GORE-TEX® fabrics lead the way in waterproof protection, breathability and durability for technical outdoor apparel.

WATER COLUMN: 28 000 mm
BREATHABILITY: <6 RET

Garments made with **GORE-TEX®** product technology are durably waterproof, windproof and highly breathable.

GORE-TEX® product technology provides reliable weather protection and maximum comfort for a wide range of activities. These garments keep your body dry by allowing perspiration vapour to escape, so you remain cool during activity and warm during rest breaks and afterwards.

The GORE-TEX® membrane is completely water- and windproof and at the same time allows sweat to pass through it. The membrane is formed by pores (over 9 billion pores per square inch) which are 20,000 times smaller than a drop of water, but 700 times larger than a water vapour molecule preventing water penetration and helping the skin breathe. Resistance tested in the lab, simulating the most extreme atmospheric conditions.

Available in a 2-layer and 3-layer construction:

2-LAYER CONSTRUCTION

Garments made with 2-layer GORE-TEX® fabric are the versatile solution for style, comfort and protection against the elements.

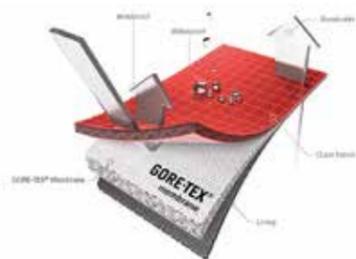
3-LAYER CONSTRUCTION

Garments made with 3-layer GORE-TEX® fabric offer added durability with-out extra bulk. The reduced number of layers required mean less weight and more freedom of movement.

We also use GORE-TEX Stretch - a 3L fabric in our mountaineering line.

BENEFITS:

- durably waterproof and windproof
- very breathable
- maximum comfort and protection for a wide range of activities and weather conditions
- everyday versatility



GORE-TEX® Pro

WATER COLUMN: 28 000 mm
BREATHABILITY: <6 RET

Garments made with **GORE-TEX® Pro** product technology are durably waterproof, windproof and extremely breathable. Their high performing membrane and robust face fabrics are rugged and hard-wearing. GORE-TEX® Pro is ideal for extended mountaineering use in extreme weather.

GORE-TEX® Pro fabric's construction keeps your body dry by reducing the accumulation of sweat, so you remain cool during aerobic activities and warm during rest breaks and after activity has ceased. Made to meet the high demands of (ski)mountaineers, freeriders, mountain guides and serious outdoor enthusiasts, garments made with 3-layer GORE-TEX® Pro fabric are engineered with added durability to withstand abrasion in rugged environments while protecting against extreme and unpredictable conditions with frequent work-rest cycles.

GORE-TEX® Pro products for mountain sport activities use a 100 % ePTFE-based multilayer membrane system with a unique microstructure. The membrane is durably bonded to both the outer material and a specially developed robust inner lining. Outer materials have to meet strict performance criteria (denier ≥40) and are given a thin, low denier Gore Micro Grid Backer technology which enhances breathability and reduces weight.

BENEFITS:

- durably waterproof and windproof
- breathable
- extremely rugged and durable



GORE-TEX® Active NEW

WATER COLUMN: 22.000 mm
BREATHABILITY: <4 RET

Garments made with the newest generation of GORE-TEX® Active 3-layer product technology are lightweight, soft, quiet and extremely breathable. They deliver the waterproof and windproof performance of a hard shell with the pleasant touch and next to skin comfort of a soft shell. GORE-TEX® Active fabric is ideal for done-in-a-day activities, even in bad weather. Since its wearers subject fabrics to intense wear and extensive washing, GORE-TEX® Active offers increased durability to maintain waterproofness and live up to the GORE-TEX® promise: **GUARANTEED TO KEEP YOU DRY™**. GORE-TEX® Active is ideal for all-weather, high-energy use, such as speed hiking. It lets wearers enjoy aerobic activities, without weighing them down. It helps prevent overheating, and does away with excessive pack sizes.

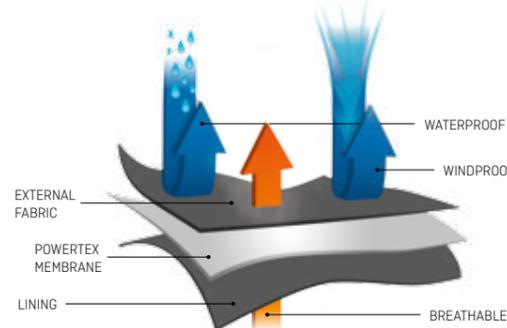
We use GORE-TEX® Active product technology that combines a newly developed lightweight GORE-TEX® membrane with fine 13 to 15 denier performance fabrics to deliver a high performance 3-layer solution. The subsequent streamlined laminate construction and optimized garment design allow superb heat loss and moisture vapour transportation. GORE-TEX® Active also meets the GORE-TEX® minimum performance requirement for water entry pressure (>28 metres).

BENEFITS:

- extremely breathable, reduced sweat accumulation (RET <4)
- durably waterproof and windproof
- specially developed for high energy activities in all weather conditions
- improved softness and next-to-skin comfort
- quieter and lighter



POWERTEX is our proprietary breathable, waterproof and windproof shell fabric with a water-repellent finish.



WATER COLUMN: 10 000-15 000 mm
BREATHABILITY: 10 000-20 000 g/ m²/ 24

POWERTEX is developed to provide the right combination of performance, weight, durability and comfort. It has a waterproof polyurethane-based membrane. During aerobic activities the breathable membrane transports vapour to the outside, reducing internal condensation and maintaining a comfortable wear climate.

Our **POWERTEX** fabrics are available in **2, 2.5, AND 3-LAYER** constructions to cover a range of different performance levels.

BENEFITS:

- waterproof
- windproof
- breathable
- durable
- abrasion-resistant
- lightweight
- packable
- excellent value for money

POWERTEX EXTREME

POWERTEX EXTREME is a more advanced formula to ensure the highest levels of performance for our Alpine & Mountaineering apparel. Available in 3-Layer constructions.

BENEFITS:

- waterproof (min. 15,000mm)
- windproof
- breathable (min. 15,000g/m/24hr)
- durable
- abrasion-resistant
- lightweight
- packable
- excellent value for money

POWERTEX ECO

At SALEWA, we use a special environmentally-friendly finished fabric called **POWERTEX ECO** as an alternative to fluorocarbon based water-repellents made with perfluorinated compounds (PFCs), such as C6 or C8. We use **POWERTEX ECO** for 50% of the clothing in our Spring/Summer 2018 collection. This means that we have a PFC-free durable water repellent finish (DWR PFC FREE) on over half of our new apparel.

Our **POWERTEX ECO** fabrics are available in 2-, 2.5- and 3-layer constructions to cover a range of different performance levels.

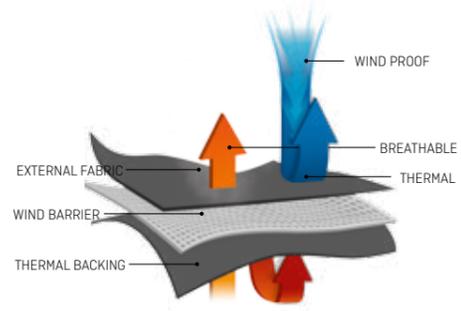


POWERTEX CORDURA® is a strong and light, hardwearing waterproof fabric for ski mountaineering and alpine climbing apparel. We use it, for example, in a 3-layer version for the ORTLES PTX 3L STRETCH jacket in our mountaineering collection.

POWERTEX CORDURA® is Salewa's strongest **POWERTEX** 3-layer shell fabric. It provides durable, long lasting performance. It is made with Cordura yarns that offer enhanced tear and abrasion resistance. In addition, its elastane content allows extra freedom of movement. **POWERTEX CORDURA®** is made of 94% nylon **CORDURA®**, 6% elastane and has a PFC-free DWR finish.

BENEFITS:

- water column: minimum 20,000mm
- breathability: 20,000g/m/24hr
- waterproof (20,000 mm)
- windproof
- breathable (20,000 g/m²/24h)
- strong and light
- freedom of movement, due to 6% elastane content
- durable, long-lasting performance
- good strength-to-weight ratio, due to **CORDURA®**
- tear-resistant
- abrasion-resistant
- high tenacity nylon yarns
- natural matt appearance
- PFC-free
- strongest



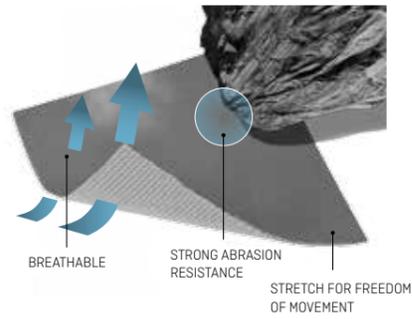
STORMWALL is our proprietary softshell fabric.

STORMWALL is windproof and highly breathable. It's designed to keep the wearer warm, dry, and comfortable while providing excellent freedom of movement. STORMWALL has a DWR finish, windproof membrane and high stretch content.

BENEFITS:

- windproof
- water-repellent
- highly breathable
- freedom of movement
- 2-way stretch
- durable
- light insulation

DURASTRETCH



DURASTRETCH is our proprietary abrasion-resistant fabric. We use it to make our hard-wearing jackets and gilets, pants and shorts, reinforcing knee and side inserts and gloves for alpine climbing, trekking and hiking. It's also lightweight and surprisingly comfortable.

DURASTRETCH fabrics are constructed of nylon (polyamide) with a high stretch content. They are lightweight, comfortable yet hardwearing and highly abrasion-resistant.

DURASTRETCH is available in a wide range of 2-way stretch and 4-way stretch versions. It is breathable and can be treated with a DWR finish to make it water-repellent. Most of the DURASTRETCH fabrics we use in this collection are suitable for four-season use as their inner structure quickly wicks sweat away.

DURASTRETCH fabrics make high-quality mountaineering apparel.

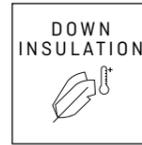
DURASTRETCH ENGINEERED ECO DWR 134 BS

This version of our DURASTRETCH fabric is engineered with CORDURA® fiber technology and features prominently in our SS18 collection. It has an exceptional strength-to-weight ratio and gives a lightweight and versatile fabric with enhanced abrasion resistance without requiring patches or other fabrics. This also means fewer seams and greater wear comfort. The CORDURA® fiber technology is woven into the fabric to provide increased durability and abrasion-resistance at critical wear points. The fabric is 2-way stretch thanks to the combination of PA and EA. In addition, DURASTRETCH ENGINEERED ECO DWR is PFC free.

BENEFITS:

- abrasion-resistant
- 2-way stretch and 4-way stretch
- breathable
- light and versatile
- ideal for mountain sports where abrasion is a factor, especially alpine climbing
- many versions bluesign® certified
- high UV protection options available

INSULATION & PADDING



High-performance **DOWN** is a fill and insulation material. We use it in our apparel and sleeping bags.

DOWN is an astonishing natural material. It has an excellent warmth-to-weight ratio, a high level of heat retention and a small, compressible pack size.

No other material combines such low weight with such high thermal insulation. High-quality DOWN has decisive advantages over synthetic fill materials.

DOWN is a by-product of the food & meat industry where waterfowl (ducks and geese) are raised for meat or eggs.

SALEWA only uses Responsible Down Standard (RDS) down. For more information about RDS certification, please see page 136.

BENEFITS:

- excellent warmth-to-weight ratio
- high heat retention
- packable
- lightweight
- 100% RDS down



PRIMALOFT® is the benchmark in performance of all synthetic insulations. It provides warmth without bulk, is water-resistant, breathable, highly compressible. Moreover, it is very light and has an exceptional feel. PRIMALOFT® keeps you warm, even when wet.

ENGINEERED FOR SUPERIOR PERFORMANCE

Four key features that differentiate PRIMALOFT® from all other synthetic insulations:

WARMER: proprietary blend of small diameter fibres trap more air to insulate

DRIER: special finishes and small diameter fibres make PRIMALOFT® insulation water-resistant

SOFTER: Finer diameter fibres and proprietary finish make PRIMALOFT® insulation ultra soft

MORE COMPRESSIBLE: Smaller diameter fibres allow PRIMALOFT® insulation to compress into a smaller space

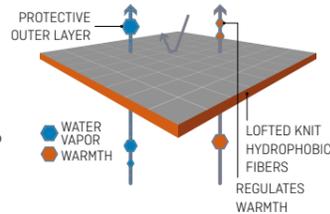
PRIMALOFT® SILVER

A high-performance insulation with the full spectrum of features to brave the elements.

Used in a wide range of SALEWA products, PRIMALOFT® Silver Insulation offers a synergy of the excellent warmth, softness and comfort that PRIMALOFT® products are known for. PRIMALOFT® Silver absorbs less moisture from the start so you stay drier and warmer. In addition, it encourages the passage of moisture vapour to keep you from being cold or clammy. And it provides warmth without weight that packs down easily for stashing in small places.

BENEFITS:

- warmth without bulk
- water and wind resistant
- warm when wet and fast drying
- highly compressible
- breathable
- lightweight
- packable (compresses like down)
- superior softness

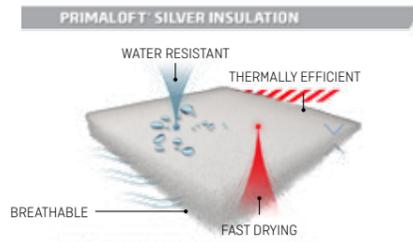


An adaptable temperature regulating insulation fabric. **POLARTEC® Alpha®** is designed primarily as a highly efficient insulation layer for use with a shell in stop-and-go activities where weight and space are limited. When worn alone, they have exceptional breathability and quick dry time, for a remarkably broad comfort range. POLARTEC® Alpha® excels in back country pursuits like mountaineering, skiing, and ice climbing.

POLARTEC® Alpha® is the latest evolution of synthetic insulation offering a rare combination of lightweight warmth and true breathability in a “puffy” style garment. Because POLARTEC® Alpha® insulation is highly durable and more stable than other synthetic insulation products, more open-construction woven face and back fabrics can be selected to create an air permeable package. This small amount of airflow rapidly draws moisture away from the body and allows POLARTEC® Alpha® to be worn in a wider range of activities compared to classic “vapour barrier” style insulation.

BENEFITS:

- superior breathability
- warmth without weight
- packable
- quick drying
- easy-care
- available in multiple styles and weights



PRIMALOFT® BLACK

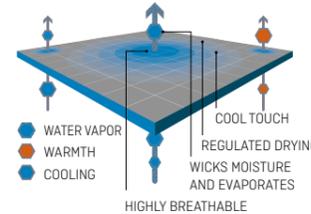
Warmth, softness and lightweight comfort from post-consumer recycled materials.

Used in a wide range of SALEWA products, PRIMALOFT® Black Insulation offers a synergy of the excellent warmth, softness and comfort that PRIMALOFT® products are known for.

PRIMALOFT® Black offers a high warmth-to-weight ratio that means you don’t need bulk to stay warm. For breathability, it encourages the passage of moisture vapour to keep you from being cold or clammy. PRIMALOFT® Black packs down easily for stashing in small places and for layering. You get all the warmth you need with little weight and softness that feels great on your body and contributes to a flattering fit.

BENEFITS:

- warmth without bulk
- water- and wind-resistant
- warm when wet and fast drying
- highly compressible
- breathable
- lightweight
- packable (compresses like down)
- superior softness



POLARTEC® Delta™ is POLARTEC’s first cooling fabric. It is a permanent mechanical wicking synthetic fabric inspired by the design of car radiators – it transfers heat and sweat away from your body and out to the air being blown across the outside of the fabric.

POLARTEC® Delta™ is ideal for fitness-based activities. It helps distance athletes in avoiding the discomfort of flash cooling of sweat-soaked synthetic garments, especially when the temperature drops or the wind picks up, but also it avoids the typical synthetic warm feeling that wearers have during a hot day or inside the gym.

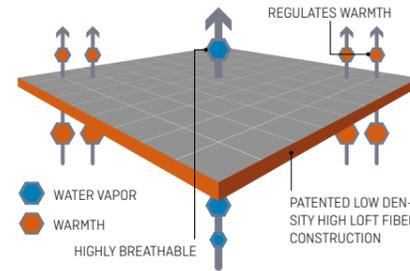
POLARTEC® Delta™ is designed to navigate the middle ground of natural and synthetic fibres, taking comfort cues from cotton for immediate and long term cooling ability, and synthetics for their fast dry time, reduce wet cling and chafing.

Delta™ is constructed as a radiator: its typical structure facilitates the transfer of heat from the body, and manages sweat at skin contact. It is designed with hydrophilic yarns knitted in a radiator matrix to prolong the skin’s natural cooling response. This yarn absorbs and distributes water/sweat around the fabric. Hydrophobic zones made of synthetic yarns with a special knit construction promote maximum breathability and a quick drying time. The special knit structure reduces wet skin cling.

BENEFITS:

- long term cooling ability
- absorbs and distributes water/sweat around the fabric
- breathability
- quick drying

THERMAL



POLARTEC® High Loft™ fabrics offer maximum warmth without weight, compressibility and breathability. They are the most technically advanced of the Polartec® insulation fabrics, achieving the utmost versatility and performance under extreme conditions. This level of performance is critical when all you have is what you can carry.

POLARTEC® Thermal Pro® High Loft™ fabrics are designed primarily as a highly efficient insulation layer for use with a shell in stop-and-go activities where weight and space are limited. When worn alone, they have exceptional breathability and quick drying time, for a remarkably broad comfort range. POLARTEC® Thermal Pro® High Loft™ fabrics excel in back country pursuits like mountaineering, skiing, and ice climbing.

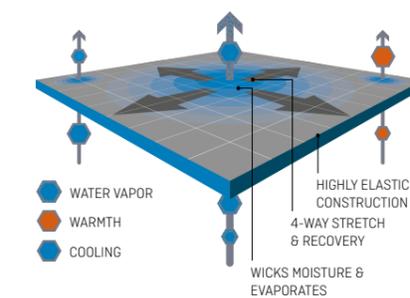
The key to this fabric’s performance is in its unique patented construction. An open-mesh stitch promotes compressibility, increases airflow, and minimizes weight. Low density, high loft pile face and back minimizes weight but increases warmth and compressibility. The fabric maintains its loft wear after wear, for enduring warmth. POLARTEC® Thermal Pro® High Loft™ fabrics are at least 30% warmer per weight than standard fleece or the most common competitive “high loft” offering.

The naturally hydrophobic properties of POLARTEC® High Loft™ fleece repel moisture when exposed to the elements and speed up dry times. Reducing the absorbency of fabric ensures it remains lightweight and breathable, even in the most challenging environments and ever changing weather conditions.

Open mesh stitching regulates airflow and breathability during exertion for increased comfort. This durable construction allows the fabric to retain its lofted form, even after heavy use and multiple trips through the washing machine.

BENEFITS:

- warmth without weight
- highly breathable
- packable
- quick drying
- versatile
- easy-care
- various styles + weights available



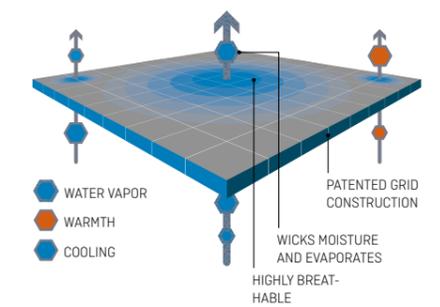
POLARTEC® Power Stretch® fabrics make moisture wicking, stretch, performance-fit base layers. Ideal for all sporting activities – from jogging to mountain climbing – where maximum freedom of movement, and clean profiles are desired. Adaptable to changing weather conditions, POLARTEC® Power Stretch® fabrics make excellent base layers and can be layered over lighter garments, or serve as warm outerwear.

POLARTEC® Power Stretch® fabrics have body-hugging 4-way stretch and are very breathable. They keep you dry when you sweat and provide warmth without weight. These are the most versatile outdoor and fitness apparel fabrics available today. Many of the fabrics feature a proprietary construction with two surfaces: a durable outer layer and a soft inner layer pulls moisture away from your skin keeping you dry, warm and comfortable. Other fabrics in the series feature compression stretch which can improve performance and reduces the chance of certain types of stop-go injuries. All the fabrics excel at handling the demands of the next-to-skin environment.

POLARTEC® Power Stretch® has the ability to retain warmth without restricting movement or agility during activities. The outer surface has a low-friction finish that reduces irritation when worn with other fabrics and increases overall abrasion resistance. The next-to-skin layer stays dry, breathable and comfortable by continuously transferring moisture vapour for rapid evaporation. This versatility provides flexible support and warmth for reliable comfort in any fitness based activity. POLARTEC® Power Stretch® wicks moisture like a base material, but can handle direct exposure to the elements when necessary.

BENEFITS:

- resilient stretch
- wicks moisture
- highly breathable
- easy-care
- available in multiple styles and weights



Enhanced lightweight, moisture wicking, next-to-skin base layer fabrics. **POLARTEC® Power Grid™** fabrics are highly breathable, and make ideal base layers for all sports, either as base layers or technical mid layers.

POLARTEC® Power Grid™ fabrics are designed to keep your skin dry when you sweat. All fabrics in the series feature a bi-component knit construction that uses different yarns on either side of the fabric. This creates two different surfaces: one that is optimized to move moisture away from the skin, the other to dry quickly. Superior moisture management plus the patented Power Grid™ construction ensures that athletes get the most bang from their caloric buck. These fabrics weigh less, take up less pack space, and deliver more insulation and breathability than most fabrics in their class.

Grid construction:

The raised fabric pillars on the inside create touch points for moisture pick up off the skin. The open air channels between those pillars ensure that the fabric delivers the highest levels of breathability, compressibility, and the highest warmth per fabric weight. POLARTEC® Power Grid™ fabrics deliver performance in the cleanest way possible, by leaving out what you don’t need.

BENEFITS:

- superior wicking action
- grid channels reduce weight & increase warmth
- quick drying
- highly breathable
- lightweight
- easy-care

polarlite

THERMAL TECHNOLOGY

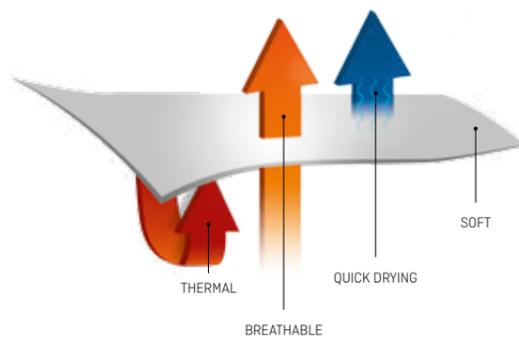
POLARLITE is SALEWA's proprietary fleece. It reflects our long-standing experience with and enthusiasm for this lightweight, quick-drying insulation fabric.

POLARLITE comes in various weights and with different characteristics: stretch, microfibre, body-mapping, printed fleece. It covers all bases when it comes to mountain sports.

We design our POLARLITE garments with specific activities in mind. POLARLITE is warm, lightweight and comfortably soft. It's ideal for insulating outer layers or mid layers and can even be worn next to the skin. POLARLITE textiles are compressible, quick drying; breathable and easy-care, which makes them ideal for mountain sports.

BENEFITS:

- warm
- lightweight
- abrasion-resistant
- soft
- packable
- quick drying
- easy-care



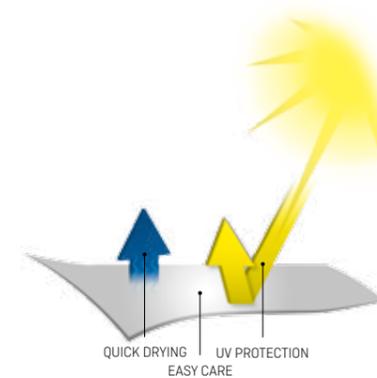
DRYTON

DRYTON is SALEWA's proprietary, easy-care, durable and resistant synthetic fabric with a natural feel.

DRYTON is extremely functional. It is designed to transport moisture rapidly away from the body to evaporate efficiently. Moisture on the skin is quickly removed. This protects the wearer from overheating during physical activity and from overchilling during rest breaks or once activity has ceased. It is available in a range of different fibres, blends and constructions, including with UV protection. We use it to make base layers, mid layers and pants, shorts and linings among other things.

BENEFITS:

- breathable
- easy-care
- lightweight and comfortable
- durable
- natural feel
- extremely functional moisture management properties
- quick drying
- many versions bluesign® certified
- high UV protection options available



LIGHTWEIGHTS & FUNCTIONAL FABRICS



PERTEX QUANTUM is a lightweight shell fabric used for insulated clothing, sleeping bags and lightweight jackets and windshells. We use it for our mountaineering and outer layers.

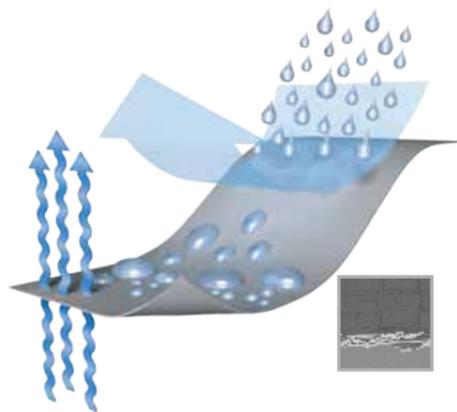
PERTEX QUANTUM uses incredibly fine polyamide (nylon) yarns, precisely woven to make a very lightweight yet strong and durable fabric. It offers significant weight saving without making sacrifices on strength and abrasion resistance. Its softness also allows sleeping bag or jacket insulation to achieve more loft. It's also very breathable.

TECHNICAL SPECIFICATION:

- Composition: 100% Polyamide (nylon)
- Weight: <35g/m²
- Air permeability: 1.0cc (max)

BENEFITS:

- featherweight
- optimum strength to weight ratio
- windproof
- downproof
- breathable /air permeable



drirelease[®] cotton

DRIRELEASE[®] cotton is a functional blend of 85 % polyester and 15 % cotton. It is an eco-friendly solution that keeps the wearer cool, dry, fresh and comfortable in high-performance base layers, hiking or mountaineering apparel.

The blend of synthetic and natural fibres in DRIRELEASE yarn accelerates the water release rate of DRIRELEASE fabrics. They push water and perspiration to the outside of a garment and into the air faster than other performance fabrics available on the market. The added boost of FreshGuard, embedded in DRIRELEASE blends, delivers unmatched odor control. Because fabrics made with DRIRELEASE technology do not alter their fibres with chemicals of any kind, its performance is permanent. It will not "wash out" over time. DRIRELEASE cotton has a patented combination of hydrophobic and hydrophilic fibres that allow them to engage with moisture naturally to dramatically improve how wetness is pulled from the skin and released into the air.

BENEFITS:

- functionality
- comfortable cotton feel
- removes perspiration fast
- dries 4x faster than cotton
- freshGuard prevents odor
- won't shrink or lose shape



RECYCLED POLYESTER

SALEWA is committed to using **RECYCLED POLYESTER** to make new garments.

Polyester is a synthetic fibre made from oil and commonly used in sports textiles for its ability to move moisture away, to dry quickly and to resist to abrasion.

About 65 to 70 % of global polyester (PET - PolyEthylene Terephthalate) production is used for textiles, the rest of it is usually made into plastic bottles and other packaging. Today, technology allows us to use RECYCLED POLYESTER to make new garments. Indeed, PET such as plastic bottles, is collected (from recycling bins) washed, flaked and dried. It is then melted, re-extruded and spun to create threads ready to be weaved or knitted in order to create new garments. It was found that this recycling process can save up to 30 - 50 % of the total energy needed to create PET. Recycled PET yarns have the same qualities and characteristics as standard PET and can be used alone or combined with other fibres to create a wide range of fabrics.

BENEFITS:

- environmentally-friendly
- recycled PET
- saves energy



COTTON

COTTON is a comfortable natural fabric.

We use COTTON both with and without stretch characteristics depending on the amount of freedom of movement the wearer requires. All our COTTON fabrics are easy to care for and hard-wearing. COTTON is ideal for summer use as it is extremely breathable.

BENEFITS:

- soft
- comfortable
- breathable
- durable
- easy-care
- available in stretch versions



WOOL BLEND VANISE 2L

This wool blend has a compact vanisé knit and is bonded to a soft viscose jersey. The light dot bonding method gives shape to the garment and makes the knit wind resistant, while maintaining its original properties: breathability and wear comfort.

The wool content, even though blended with other materials, keeps its outstanding properties: Wool can absorb 30% of its own weight, preventing the wearer from feeling wet. The fine crimped fibres have hydrophilic cores that capture air and absorb sweat vapour, allowing the skin to breathe. This makes the blend breathable, thermo-regulating, comfortable and stylish to wear.

Wool also keeps you drier and has natural antibacterial properties that control body odour. We use this wool blend to make our LITE SARNER 2L JKT (see page 49 & 94).

BENEFITS:

- natural and renewable fibre
- natural thermo thermoregulation
- absorbs body humidity, keeping the skin dry
- natural antibacterial properties neutralizing body odours



BIONIC-FINISH® ECO is an environmentally friendly hydrophobic finish inspired by nature. BIONIC-FINISH® ECO repels water and aqueous soiling substances. It is wash-resistant and suitable for all fibre types.

This fluorine-free treatment is applied to fabrics to make them water repellent. Durable hydrophobic finishes are usually based on fluorocarbon resins, which are not biodegradable and are toxic to plants and animals. BIONIC-FINISH® ECO is a clean and effective alternative to fluorocarbons. Laboratory and field tests have proven that this hydrophobic finish is the best, new alternative treatment to avoid using fluorocarbons.

BENEFITS:

- no fluorinated compounds
- formaldehyde-free
- highly water-repellent
- effects are resistant to abrasion and wear
- improves sewability when making-up
- high wear comfort membrane technology
- no effect on breathability
- already effective when tumble drying after home laundry
- cost-effective alternative to fluorocarbon resin finishing



Polygiene

POLYGIENE® is a fabric technology that inhibits the growth of odor-causing bacteria.

POLYGIENE® is applied at the finishing stages of textile production. It uses low concentrations of silver salt (silver chloride), which has antimicrobial properties and is naturally present in water and soil, to safely eliminate the ability for bacteria and fungi to grow.

Odor control for the lifespan of the garment is made possible as the technology is bound and permanently integrated in the fabric and will not wash out.

POLYGIENE silver salt technology is only active on the textiles itself. With a heritage in the healthcare sector, POLYGIENE has applied its expertise and testing to ensure that it has no affect on the natural bacterial flora of the skin. POLYGIENE is not nanosilver.

BENEFITS:

- prevents odors
- permanently integrated odor control
- does not interfere with the skin's natural bacterial flora
- environmentally friendly: wear it longer and wash it less
- hygienic: less bacteria, less infections
- long lasting: eliminates bacteria that break down synthetic fibres
- saves weight: pack less apparel on multi-day treks



ECOYA® is an eco-friendly dyeing process.

The dyeing process is one of the most polluting parts of the apparel production process. It is a lengthy multi-phase procedure that uses large amounts of chemicals, water and energy. ECOYA® was introduced in 2007 as a more sustainable alternative to the conventional dyeing process. With ECOYA®, natural pigments are added to the polymer melt before it is extruded into yarn. ECOYA® fabrics use substantially less chemicals, water and energy. Unlike conventional yarn or piece-dyed fabrics, where the dye is only on the surface, ECOYA® yarn is coloured from the inside out. This results in a more colourfast fabric that stands up better to light, water and washing.

BENEFITS:

- saves water
- reduced CO2 emissions
- reduced COD emissions
- saves energy
- less chemicals

