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ACCESSORIES



A high-angle, top-down photograph of a person rappelling down a dark, textured rock face. The person is wearing a dark t-shirt, a patterned beanie, and a climbing harness. They are holding onto a rope and a camera rig. The camera rig is a metal frame with a camera mounted on it, suspended by ropes. The rock face is dark and has some horizontal cracks. The overall scene is dimly lit, emphasizing the textures of the rock and the person's gear.

The documentary film SANDSTONE presents a unique mountain climbing area in northeast Bohemia where traditional values are being preserved in spite of new trends in climbing.

The filmmakers have chosen specific climbing routes from individual decades, which are presented by contemporary climbers Jitka Mázlová, Luboš Mázl and Dušan Stoupa Janák. The film features legends of the local rocks Bohumil Sýkora and Tomáš Čada. Both have made an indelible impression on the history of sandstone climbing.

In this catalogue, we will be introducing you to three fundamental figures associated with the project as a whole and their connections with this film project:



ROMAN KAMLER

(production)

made his first sleeping bag at the height of totalitarianism in 1982. He did it so well, that his friends began asking him to make sleeping bags for them too, and the word quickly spread. As soon as he finished university, he founded the company KAMMsport and continued making sleeping bags.

In 1993, he received a licence to process materials for the company Gore. In 2000, the company was transformed into the joint-stock company Tilak. Since the company was founded, all its products have been made in Šumperk in the Czech Republic.

Roman Kamler started mountain climbing in 1980, and has been a member of many expeditions to North and South America, Nepal, China, Central Asia, Greenland, and many other places.



PETR KAŠPAR

(camera, director)

Has been making films on outdoor and sports subjects for more than 12 years.

Since 2003, he has been organising or participating in water sports expeditions to Asia and Africa.

The largest project he has organised was the Alaknanda 2006 expedition. He devoted three years to preparations for the expedition, during which time he also established the WW8 expedition group brand and became an independent filmmaker.

Peter has been working on the film SANDSTONE with photographer Petr Piechowicz since September 2011. He also heads a team of constructors developing 3D film equipment for Aldabra – Lost World, the largest 3D film project to date.



DUŠAN STOUPA JANÁK

(member of Tilak climbing team)

took part in filming as a universal climber who brings a certain perspective and considerable experience to the project.

Stoupa has undertaken sports routes climbing up to level 8b+ and technical routes up to level A5. He has climbed a number of top routes on ice and mixed routes (e.g. the most difficult mixed routes in the High Tatras) and has completed a series of first ascents in the mountains (e.g. Fram – End of Mystery on Marmolada in the Dolomites, classification 10-).

He has climbed in Asia [the 1,200-meter wall Pika 4810 in Pamiro-Alaj], in America [El Capitan in the Yosemite National Park, Free Rider, classification 5.12d], and in the Arctic (1st repeat of the Freya route in the Lofoten Islands, classification 9-/A3). He has also climbed difficult rock routes in the western Alps (e.g. Voie Petit on Grand Capucin in the Mont Blanc area, classification 8b), in the Dolomites and the Tatras, and has not shied away from icy north faces (e.g. an eight-hour ascent of the north face of the Matterhorn).

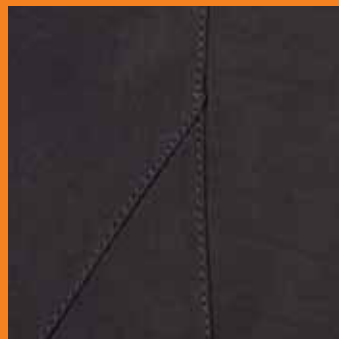
SANDSTONE





GORE MICRO TAPE

All our three-layer garments use only 13 mm seam tape instead of the standard 22 mm. This means less weight, less volume, better breathability, and an overall increase in garment comfort.



SEAM ALLOWANCES

Using 13 mm tape means our seam allowances measure only 2.5 mm instead of the standard 6 mm. Amman thread and a stitch count of 5 stitches per 1 cm means exceptional seam quality and reliability.



WATERTIGHT™ ZIPPERS AND ZIPPER GARAGES

After years of use and experience this type of construction is standard in all our Hard and Soft Shells.



CUFF VELCRO™ ADJUSTMENT OF THE SLEEVE.



LAMINATION TECHNOLOGY

Lamination of the WATERTIGHT™ zippers instead of sewing results again in less weight, less volume, and higher breathability.



STOCKO FLEX FIX

The absolute state-of-the-art in press button technology: waterproof press buttons with patented Flex Fix system. Fifty thousand uses guaranteed.



ULTRALONIC WELDING

„EDGE TO EDGE“ ultrasonic welding. The seam is sealed by reinforced tape.



STITCHLESS LAMINATED INNER POCKET

THE POWER OF DETAIL



ASCENT LINE

EVOLUTION RPS



WATERTIGHT™
ZIPPERS



LAMINATING
SEAMLESS
TECHNOLOGY



REMOVABLE
SEAMLESS INNER
SNOW BARRIER



13 MM
MICRO TAPE



LIGHTWEIGHT

A slim cut three-layer GORE-TEX® Pro jacket suitable for ice climbing, extreme skiing, and other 'out there' activities. Wide use of seamless lamination technology means less weight and volume.

Asymmetrical construction of the back segment part. Anatomically shaped sleeves. 13 mm "Micro Tape". Laminated zipper garages. Big hood with laminated brim and one-touch adjusting. Integrated ventilation system with WaterTight™ zippers. One-touch cuffs adjusting. WaterTight™ front zipper. Draw cord at the hips. Two outer seamless pockets, laminated inner pocket, shoulder pocket. System of removable inner pockets - RPS. Waistcord and removable seamless inner snow barrier at the waist. Anatomic hem.

Material: GORE-TEX® Pro 3-Layer

Weight: (L) 650g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



RAPTOR



WATERTIGHT™
ZIPPERS



13 MM
MICRO TAPE



REMOVABLE
SEAMLESS INNER
SNOW BARRIER



STRONGER MATERIAL
AS REINFORCEMENT

The flagship product of the company made of three-layer GORE-TEX® Pro, suitable mainly for use in mountaineering's potentially extreme conditions.

Stronger material as reinforcement. Integrated ventilation system with WaterTight™ zippers in the armpits. Laminated zipper garages. Anatomically shaped sleeves. One-touch cuff adjustment. Three outer pockets, Laminated inner pocket, shoulder pocket. Big hood with one-touch adjusting. Draw cord at the hips. Seamless waistcord. Removable seamless inner snow barrier at the waist. Laminated brim. 13 mm "Micro Tape". Anatomic hem.

Material: GORE-TEX® Pro 3-Layer

Weight: (L) 590g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



RAPTOR

WOMEN'S



WATERTIGHT™
ZIPPERS



13 MM
MICRO TAPE



REMOVABLE
SEAMLESS INNER
SNOW BARRIER



STRONGER MATERIAL
AS REINFORCEMENT

A women's version of the Raptor Jacket made of three-layer GORE-TEX® Pro suitable mainly for mountaineering's potentially extreme conditions.

Stronger material as reinforcement. Integrated ventilation system with WaterTight™ zippers in the armpits. WaterTight™ front zipper. Laminated zipper garages. Anatomically shaped sleeves with Velcro™ cuffs. Two laminated outer pockets, laminated inner pocket. Big hood with one-touch adjusting. Draw cord at the hips. Seamless waistcord. Removable seamless inner snow barrier at the waist. Laminated brim. 13 mm "Micro Tape". Gusseted underarm sleeves. Anatomic hem.

Material: GORE-TEX® Pro 3-Layer

Weight: (M) 530g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL



STINGER



ELASTIC MATERIAL
FOR MAXIMUM
MOBILITY



13 MM
MICRO TAPE



WATERTIGHT™
FRONT ZIPPER



EXCELLENT
BREATHABILITY

An ultralight jacket made of GORE-TEX® Active. Suitable for high activity as running, cycling, ski touring, climbing...

Elastic material for maximum mobility. Stronger material as reinforcement. WaterTight™ front zipper. Hood with laminated brim. Anatomically shaped sleeves. 13 mm "Micro Tape". Draw cord at the hips. Anatomic hem. Two outer pockets. Multifunctional bag.

Material: GORE-TEX® Active 3-Layer

Weight: (L) 350g

Ret: < 2,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



ASGARD



STRONGER
MATERIAL AS
REINFORCEMENT



13 MM
MICRO TAPE



LIGHTWEIGHT



WATERTIGHT™
FRONT ZIPPER

Universal mountaineering jacket made of three-layer GORE-TEX® Pro. Due to low weight and good packability is suitable not only for mountaineering or extreme skiing.

Stronger material as reinforcement. Integrated ventilation system with WaterTight™ zippers in the armpits. Laminated zipper garages. Anatomically shaped sleeves. Laminated asymmetrical cuffs with one-touch adjustment. Two outer pockets, laminated inner pocket, shoulder pocket. Big hood with one-touch adjusting. Draw cord at the hips. 13 mm "Micro Tape". Gusseted underarm sleeves. Anatomic hem.

Material: GORE-TEX® Pro / GORE-TEX® 3-Layer

Weight: (L) 470g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



EVOLUTION

PANTS



FULL LENGTH
OPENING WITH
WATERTIGHT™
ZIPPERS



TROUSER-LEGS
ENDED WITH INTERIOR
GAITERS

Mountaineering pants with removable backside (without having to unbuckle the shoulder straps). Made of three-layer GORE-TEX® Pro. They are suitable for the most demanding activities such as mountaineering and extreme skiing.

WaterTight™ zippers. Velcro™ adjustment around ankle. Trouser-leg finished with interior gaiters. Quick adjust suspenders. 13 mm

Material: GORE-TEX® Pro 3-Layer

Weight: (L) 620g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



AVALANCHE

PANTS



ZIPPER IN THE WAIST
ALLOWS YOU TO
ATTACH SNOW SKIRT
OF THE EVOLUTION OR
RAPTOR JACKETS



TROUSER-LEGS ENDED
WITH INTERIOR GAITERS

Technical pants in three-layer
GORE-TEX® Pro. For extreme skiing
and snowboarding.

Elevated waist. Two outer pockets plus two cargo pockets on the thighs with integrated phone/GPS pocket. Anatomically shaped knees. Large cuff diameter for ski boots. Adjustable waist belt with a plastic buckle. Quick adjust suspenders. Trouser-legs finished with interior gaiters. Reinforced ankles. Gusseted crotch with ventilation zippers. Zipper in the waist allows you to attach snow skirt of the Evolution or Raptor jackets.

Material: GORE-TEX® Pro 3-Layer

Weight: (L) 710g

Ret: < 4,00m².Pa.W⁻¹

Sizes:



RAPTOR

WOMEN'S PANTS



FULL LENGTH
OPENING WITH
WATERTIGHT™
ZIPPERS



TROUSER-LEGS
FINISHED WITH
INTERIOR GAITERS

A women's version of the mountaineering pants with removable backside (without having to unbuckle the shoulder straps). Made of three-layer GORE-TEX® Pro. They are suitable for the most demanding activities such as mountaineering and extreme skiing.

Anatomically shaped. Two outer pockets. Adjustable waist. Draw bridge. Full length opening with WaterTight™ zippers. Velcro™ adjustment around ankle. Trousers-legs finished with interior gaiters. Quick adjust suspenders. 13 mm "Micro Tape".

Material: GORE-TEX® Pro 3-Layer

Weight: (M) 600g

Ret: < 4,00m².Pa.W⁻¹

Sizes:



STORM



INTEGRATED
VENTILATION
SYSTEM WITH
WATERTIGHT™
ZIPPERS



13 MM
MICRO TAPE

A new version of the light and compressible jacket made of three-layer GORE-TEX®. Very good balance between weight and durability.

Anatomically shaped sleeves with Velcro™ cuffs. Integrated ventilation system with WaterTight™ zippers in the armpits. WaterTight™ front zipper. Hood with laminated brim and one-touch adjustment. Two outer pockets, laminated inner pocket. 13 mm "Micro Tape". Draw cord at the hips. Anatomic hem.

Material: GORE-TEX® 3-Layer

Weight: (L) 440g

Ret: < 3,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



ATTACK ACTIVE



CARBON



DENIM



LEMON / DENIM



EXCELLENT
BREATHABILITY



13 MM
MICRO TAPE



WATERTIGHT™
ZIPPERS



LIGHTWEIGHT



EASY
TO PACK

An ultra-lightweight and compressible technical jacket made of the latest three-layer GORE-TEX® Active. The uncompromising solution for those who count every gram of their equipment. Suitable for high activity as ski touring, running, cycling...

Anatomically shaped sleeves with Velcro™ cuffs. WaterTight™ front zipper. Hood with laminated brim and one-touch adjusting. 13 mm "Micro Tape". Draw cord at the hips. One outer pocket, shoulder pocket. Anatomic hem.

Material: GORE-TEX® Active 3-Layer

Weight: (L) 320g

Ret: < 2,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



ATTACK ACTIVE

WOMEN'S



EXCELLENT
BREATHABILITY



13 MM
MICRO TAPE



WATERTIGHT™
ZIPPERS



LIGHTWEIGHT



EASY
TO PACK

A women's version of the ultra-lightweight jacket made of three-layer GORE-TEX® Active. The uncompromising solution for those who count every gram of their equipment. Suitable for high activity as ski touring, running, cycling...

Anatomically shaped sleeves with Velcro™ cuffs. WaterTight™ front zipper. Hood with laminated brim and one-touch adjusting. 13 mm "Micro Tape". Draw cord at the hips. One outer pocket, shoulder pocket. Anatomic hem.

Material: GORE-TEX® Active 3-Layer

Weight: (M) 290g

Ret: < 2,00m².Pa.W⁻¹

Sizes:

S M L XL



STORM

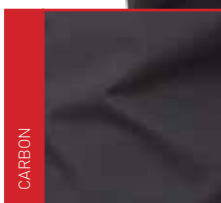
PANTS

ADJUSTABLE
BELT 01

02 LAMINATED
ZIPPER GARAGES

ANATOMICALLY
SHAPED KNEES 03

04 3/4-LENGTH
ZIPPER



CARBON



CARBON



STRONGER
MATERIAL AS
REINFORCEMENT



13 MM
MICRO TAPE



WATERTIGHT™
ZIPPERS

Technical pants made of three-layer GORE-TEX® with 3/4 WaterTight™ zipper access. Very good balance between weight and durability. Recommended for all kinds of outdoor activities.

Stronger material as reinforcement . Anatomically shaped. Two outer pockets. Waistbelt. Loops to connect with snowskirt of jacket. Ready to use with elastic suspenders. Dual headed 3/4 WaterTight™ access zippers also usable for ventilation.

Material: GORE-TEX® 3-Layer

Weight: (L) 450g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S

M

L

XL

XXL



ATTACK

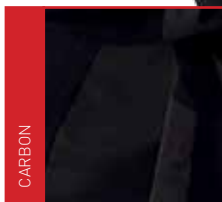
PANTS



ANATOMICALLY
SHAPED KNEES 02

01 DUAL HEADED
ACCESS ZIPPERS

03 REINFORCED
ANKLES



CARBON



CARBON



STRONGER
MATERIAL AS
REINFORCEMENT



13 MM
MICRO TAPE



WATERTIGHT™
ZIPPERS

Very light and compressible technical pants made of combination three-layer GORE-TEX® and GORE-TEX® Pro. With full-length WaterTight™ zipper access.

Three-layer GORE-TEX® Pro as reinforcement. Two outer pockets. Anatomically shaped knees. Dual headed WaterTight™ access zippers also usable for ventilation. 13 mm "Micro Tape". Laminated zipper garages. Ready for use with suspenders or a belt.

Material: GORE-TEX® Pro 3-Layer / GORE-TEX®

Weight: (L) 440 g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



SVALBARD CVT



WATERTIGHT™
FRONT ZIPPER



SYNTHETIC FLEECE
INSULATION



INNER POCKET
PACK-UP OPTION

A technical long zipper jacket with removable sleeves made of WINDSTOPPER® material insulated by CLIMASHIELD® Apex. Lightweight, warm and packable jacket.

WaterTight™ front zipper. Three outer pockets, inner pocket. Anatomically shaped sleeves. Ventilation in the armpits. Removable sleeves. Anatomic draw cord hem.

Material: WINDSTOPPER® 2-Layer

Insulation: Climashield® Apex 100 g/m² **CLIMASHIELD®**

Weight: (L) 600 g

Ret: < 5,00

Sizes:

S M L XL XXL



KETIL



LIGHTWEIGHT



SYNTHETIC FLEECE INSULATION



INNER POCKET
PACK-UP OPTION

Long zipper hooded jacket made of synthetic fleece CLIMASHIELD® Apex insulation. Lightweight, warm and packable jacket.

Two outer pockets. Anatomically shaped sleeves. Anatomic draw cord hem. Adjustable hood. Packable into the inner pocket.

Material: 100% polyamid

Insulation: Climashield® Apex 67 g/m² **CLIMASHIELD®**

Weight: (L) 370 g

Sizes:

S M L XL XXL

KETIL

WOMEN'S



CARBON



RED



MENTHOL



BLUE



LIGHTWEIGHT



SYNTHETIC FLEECE INSULATION



INNER POCKET
PACK-UP OPTION

Long zipper hooded jacket made of synthetic fleece CLIMASHIELD® Apex insulation. Lightweight, warm and packable jacket.

Two outer pockets. Anatomically shaped sleeves. Anatomic draw cord hem. Adjustable hood. Packable into the inner pocket.

Material: 100% polyamid

Insulation: Climashield® Apex 67 g/m² **CLIMASHIELD®**

Weight: (M) 290 g

Sizes:

S **M** **L** **XL**

KETIL

VEST



BLUE



RED



MENTHOL



CARBON



LIGHTWEIGHT



SYNTHETIC FLEECE INSULATION

Lightweight insulated vest. Ideal as a mid layer under a waterproof jacket or as an outer layer in cold days.

Anatomic shape. Two outer pockets. Draw cord in the hips.

Material: 100% polyamid

Insulation: Climashield® Apex 100 g/m² **CLIMASHIELD®**

Weight: (L) 270 g

Sizes:

S **M** **L** **XL** **XXL**

KETIL

WOMEN'S VEST



CARBON



BLUE



MENTHOL



RED



LIGHTWEIGHT



SYNTHETIC FLEECE INSULATION

A women's version of the lightweight insulated vest. Ideal as a mid layer under a waterproof jacket or as an outer layer in cold days.

Anatomic shape. Two outer pockets. Draw cord in the hips.

Material: 100% polyamid

Insulation: Climashield® Apex 100 g/m² **CLIMASHIELD®**

Weight: (M) 220 g

Sizes:

S **M** **L** **XL**

KETIL

PANTS



ANATOMICALLY
SHAPED KNEES 02

BLUE / CARBON

01 DUAL HEADED
ACCESS ZIPPERS

03 REINFORCED
ANKLES



CARBON



BLUE / CARBON



LIGHTWEIGHT



SYNTHETIC FLEECE
INSULATION

Lightweight insulated pants with full-length zipper access. Ideal as a mid layer under waterproof pants.

Stronger material as reinforcement. Anatomically shaped knees. Deal headed access zippers. Two outer pockets. Adjustable suspenders.

Material: 100% polyamid

Insulation: Climashield® Apex 67 g/m² **CLIMASHIELD®**

Weight: (L) 430 g

Sizes:

S **M** **L** **XL** **XXL**



BLUE



MENTHOL / DENIM



CARBON



DENIM



THUMB-LOOP
SLEEVE ANCHORS



ULTRASONIC
WELDING
TECHNOLOGY

Newly redesigned technical contour-fit jacket with hood made of elastic WINDSTOPPER® Soft Shell. Unique “edge-to-edge” Ultrasonic welding technology used instead of sewing. Seams sealed by 10 mm reinforced tape from outer side of the jacket.

Asymmetrical construction. Anatomically shaped sleeves. Thumb-loop sleeve anchors. Integrated ventilation system in the armpits. Two outer laminated pockets, shoulder pocket, inner pocket. Hood with laminated brim. Anatomic hem.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (L) 540 g

Ret: < 5,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



TRANGO

WINDSTOPPER®



DENIM / SEABLUE



SEABLUE / MENTHOL



CARBON



MENTHOL / CARBON



ELASTIC MATERIAL



ULTRASONIC WELDING



FOR ALL OUTDOOR ACTIVITIES

Windproof, breathable, technical contour-fit jacket made of elastic WINDSTOPPER® Soft Shell. Ideal for climbing and all outdoor activities.

Asymmetrical construction. Anatomically shaped sleeves. Integrated ventilation system in the armpits. Three outer, two inner pockets. Seams sealed by 10 mm reinforced tape from inner side. Anatomic hem. Draw cord at the hips.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (L) 550 g

Ret: < 5,00

Sizes:

S M L XL XXL



TRANGO



RAPID MOISTURE
REMOVAL



ULTRASONIC
WELDING
TECHNOLOGY



HIGH
ELASTICITY



FOR ALL OUTDOOR
ACTIVITIES

Technical contour-fit jacket made of non-membrane material offers great breathability, moisture management and elasticity. Unique “edge-to-edge” Ultrasonic welding technology used instead of sewing. Seams sealed by 10 mm reinforced tape from inner side of the jacket.

Asymmetrical construction. Anatomically shaped sleeves. Three outer, two inner pockets. Anatomic hem. Draw cord at the hips.

Material: 100% polyamid Soft Shell

Weight: (L) 480 g

Sizes:

S M L XL XXL

CRUX

WINDSTOPPER®



EXCELLENT
BREATHABILITY



ELASTIC MATERIAL
FOR MAXIMUM
MOBILITY



FOR ALL OUTDOOR
ACTIVITIES

Technical pants made of WINDSTOPPER® Soft Shell. Suitable for climbing, mountaineering, alpine skiing, Nordic skiing, or hiking.

Two outer pockets. Two cargo pockets with integrated phone/GPS pocket. Ventilation system on the thighs. Anatomically shaped knees. Adjustable belt. Ready for use with suspenders as well. Ankle reinforcements. Short zippers on pants allow to fit them over ski boots.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (L) 540 g

Ret: < 5,00m².Pa.W⁻¹

Sizes:

S S+ M L L+ XL XXL



CRUX



RAPID REMOVAL
OF MOISTURE



HIGH
ELASTICITY



FOR ALL OUTDOOR
ACTIVITIES

Crux Pants, made from polyamide material, offer great mechanical properties, moisture management and elasticity. The non-membrane composition makes these pants ideal for spring to autumn use.

Two outer pockets. Two cargo pockets with integrated phone/GPS pocket. Anatomically shaped knees. For use with suspenders or a belt. Adjustable cuff diameter with elastic draw cord.

Material: 100% polyamid Soft Shell

Weight: (L) 370 g

Sizes:



CRUX

WINDSTOPPER® WOMEN'S



EXCELLENT
BREATHABILITY



ELASTIC MATERIAL
FOR MAXIMUM
MOBILITY



FOR ALL OUTDOOR
ACTIVITIES

A women's version of the technical pants made of WINDSTOPPER® Soft Shell. Suitable for climbing, mountaineering, alpine skiing, Nordic skiing, or hiking.

Two outer pockets. Anatomically shaped knees. Adjustable belt. Ready for use with suspenders as well. Ankle reinforcements. Short zippers on pants allow to fit them over ski boots.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (M) 480 g

Ret: < 5,00m².Pa.W⁻¹

Sizes:

S M L XL



SKI PANTS



EXCELLENT
BREATHABILITY



ELASTIC MATERIAL
FOR MAXIMUM
MOBILITY

Technical winter pants made of WINDSTOPPER® Soft Shell. Elastic material for climbing, mountaineering, alpine skiing...

Two outer pockets, two cargo pockets with integrated phone / GPS pocket.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (L) 830 g

Ret: < 5,00m².Pa.W⁻¹

Sizes: **S** **M** **L** **XL** **XXL**



TOURMALET

VESTA



X-BACK
FLEX DESIGN



EXCELLENT
BREATHABILITY



ELASTIC MATERIAL
FOR MAXIMUM
MOBILITY

An ultra-lightweight vest. Ideal in a combination with pullover Serak.

"Bottleneck" construction. Four outer pockets, two inner pockets. X-back flex design.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (L) 410 g

Ret: < 5,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



10



09



08



05



06



07



04



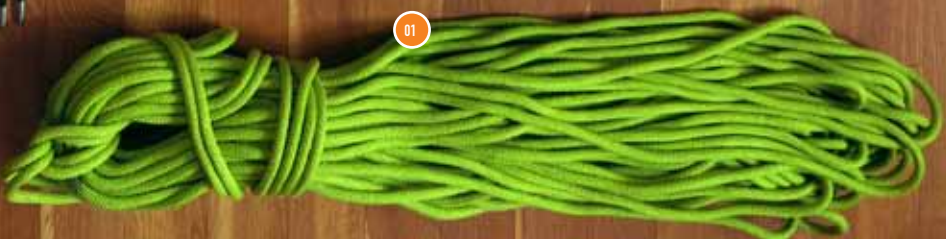
02



03



01



ROMAN KAMLER



From the beginning, it has been a matter of the heart for me to support the making of the film Sandstone.

The project to support this film about mountain climbing has been running for several years now. It began with the idea of filming a first ascent of the winter face of Trollveggen in Norway. When we met up with the film crew, however, we realised the extent of the undertaking and, most importantly, the extremely uncertain results. All it takes is a change in the weather and the whole expensive project goes up in smoke. As I and my friends from the company Singing Rock often climb sandstone rocks, we soon came up with the idea of making a film about sandstone climbing and of using the book and the stories by Bohuš Sýkora, living legend of the Adršpach, for inspiration. When the director obtained support from the Broumov region, we were suddenly capable of shooting the film practically all year. I am personally proud of the results. This is not a film merely for climbers. Shots of climbing in various areas and featuring various climbers alternate with unique stop-motion shots of the wonderful landscape of the Adršpach–Teplice Rocks – part of the world to which I have belonged for more than 30 years now.

- 01 Rope** The basis of all mountain climbing. Not only does it often keep you alive, it also connects you with the friend you are sharing your adventures and experiences with. I still have practically all the ropes I have ever used. Even though I know I will never use most of them again, I can't bear to throw them away. They bring back too many memories.
- 02 Belays and quickdraws** Also things I must always have absolute confidence in. The older I get, the more I come to love climbing and mountains. What I don't want to do is to stay there forever, I always want to joy returning again and again.
- 03 Climbing boots** My boots have to be lace-ups as I have very narrow feet. On the rocks in the summer; on climbing walls in the winter. If only they could talk, what stories my boots could tell. Stories of fear, anxiety and exhaustion, and of joy and happiness as well.
- 04 Archery** I got hooked on archery with a reflex bow a few years ago. It teaches me concentration and self-control. If I allow myself to think about anything other than a precise sequence of movements when I am shooting, then the consequences can be seen on the target at once. A wonderful hobby and the perfect antidote to working stress.
- 05 Stinger Jacket** This model has recently become my favourite, and not just because I spent four days in it on the west wall of Ketil in Greenland. A simple lightweight jacket with extraordinary properties. And if I'm a bit careful, its light weight more than compensates for its lack of mechanical durability.
- 06 Piglet** Lies intentionally in the middle of the things I love. A present from my wife. A comrade and a friend I can always rely on, it has travelled half the world with me. It's not a bad feeling to crawl into my sleeping bag at night when I know I am not alone ☺
- 07 Crampons and ice axes** Basic necessities for practically every winter weekend. Dry tooling, mixed climbing or ice. A cycle that has been repeating itself for decades. And hopefully one that will continue to do so.
- 08 Mountain bike** I can hardly imagine life without a mountain bike either. It's not just for training. A couple of hours in the forest far away from civilization is a guaranteed way of relieving stress.
- 09 A camera, a couple of lenses, some accessories and a tripod** Stuff I also often drag around with me. And often to the displeasure of my fellow climbers. I sometime find it annoying how big it is and, most importantly, how much it weighs. Then, when I manage to take a nice photo, all the hassle and inconvenience is forgotten.
- 10 Sand loops** Something I can't imagine many summer weekends without. I have been going to Adršpach for thirty years, and I don't think I will ever stop enjoying it.



HIKING LINE

ODIN



HIGH MECHANICAL RESISTANCE



NATURAL PRODUCT
100% COTTON



WATERPROOF AND BREATHABLE

Classic Anorak jacket made out of classic cotton material – Ventile®. Due to well balanced mechanical resistance, waterproofness and breathability suitable for all outdoor purposes.

Sleeves with asymmetrical Velcro™ cuffs. Two outer pockets, roomy front pocket with integrated phone / iPod / GPS pocket. Hood with one-touch adjustment. Dual headed side zipper for ease of use and ventilation. Anatomic draw cord hem.

Material: 100% cotton Ventile®

Weight: (L) 640 g

Ventile®

Sizes:

S M L XL XXL

LOKE



NAVY



OLIVE



RED



CINNAMON



HIGH MECHANICAL
RESISTANCE



NATURAL PRODUCT
100% COTTON



WATERPROOF AND
BREATHABLE



ARMPIT
VENTILATION
SYSTEM

Universal outdoor jacket for wide range of use. Due to well balanced mechanical resistance, waterproofness and breathability suitable for all outdoor purposes.

Sleeves with asymmetrical Velcro™ cuffs. Four outer pockets, two sleeve pockets. Hood with one-touch adjustment in the collar. Integrated ventilation system in the armpits. Anatomic draw cord hem.

Material: 100% cotton Ventile®

Weight: (L) 640 g

Ventile®

Sizes:

S M L XL XXL

BALDER



HIGH MECHANICAL RESISTANCE



NATURAL PRODUCT 100% COTTON



WATERPROOF AND BREATHABLE



ARMPIT VENTILATION SYSTEM

Universal outdoor jacket for wide range of use.

WaterTight™ front zipper. Sleeves with asymmetrical Velcro™ cuffs. Two outer pockets, one inner pocket. Hood with one-touch adjustment. Integrated ventilation system in the armpits. Anatomic draw cord hem.

Material: 100% cotton Ventile®

Weight: (L) 600 g

Ventile®

Sizes:

S M L XL XXL

ODIN

PANTS



OLIVE



NAVY



HIGH MECHANICAL
RESISTANCE



NATURAL PRODUCT
100% COTTON



WATERPROOF AND
BREATHABLE

Newly redesigned multi-purpose pants with cargo pockets made out of Ventile® cotton. Featuring a casual fit, mechanical resistant and waterproof material, suitable for use in all outdoor activities.

Two outer pockets. Two cargo pockets with integrated phone/GPS pocket. Anatomically shaped knees. Elastic belt.

Material: 100% cotton Ventile®
Weight: (L) 650 g

Ventile®

Sizes:

S M L XL XXL

SKARDU



LIGHTWEIGHT



13 MM
MICRO TAPE



WATERPROOF AND
BREATHABLE



EASY
TO PACK

An ultra-light multi-purpose jacket made of GORE-TEX® Paclite® Technology. Classic Anorak style in the latest materials and technologies.

Sleeves with asymmetrical Velcro™ cuffs. Two outer pockets, roomy front pocket with integrated phone / iPod / GPS pocket. Hood with laminated brim and one-touch adjustment. Dual headed side zipper for ease of use and ventilation. Anatomic draw cord hem. 13 mm "Micro Tape".

Material: GORE-TEX® Paclite® Technology

Weight: (L) 390 g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



ULTRALIGHT PANTS



LIGHTWEIGHT



13 MM MICRO TAPE



EASY TO PACK

Lightweight pants for multi-purpose use. This model combines excellent protection against bad weather with very low weight and volume.

Anatomically shaped knees. 13 mm "Micro Tape". Short zippers at bottom part of legs. Outer pocket. Cord adjustment around ankles.

Material: GORE-TEX® 3-Layer

Weight: (L) 300 g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



ULTRALIGHT

WOMEN'S PANTS



ANATOMICALLY
SHAPED KNEES 01

CORD ADJUSTMENT
AROUND ANKLES 02

03 ZIPPERS
AT BOTTOM



LIGHTWEIGHT



13 MM MICRO TAPE



EASY TO PACK

Lightweight pants for multi-purpose use. This model combines excellent protection against bad weather with very low weight and volume.

Anatomically shaped knees. 13 mm "Micro Tape". Short zippers at bottom part of legs. Outer pocket. Cord adjustment

Material: GORE-TEX® 3-Layer

Weight: (M) 280 g

Ret: < 4,00m².Pa.W⁻¹

Sizes:

S M L XL



BORA



DENIM



CARBON



WATERTIGHT™
FRONT ZIPPER

A very comfortable and lightweight jacket made with two-layer GORE-TEX®. Suitable for everyday use. The polyester face fabric is not suitable for heavyduty activities like climbing or mountaineering.

WaterTight™ front zipper. Two outer pockets, inner pocket. Anatomically shaped sleeves. Anatomic draw cord hem. Adjustable hood with brim in the collar.

Material: GORE-TEX® 2-layer

Weight: (L) 520 g

Ret: < 6,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



BORA

WOMEN'S



WATERTIGHT™
FRONT ZIPPER

A very comfortable and lightweight women's jacket made with two-layer GORE-TEX®. Suitable for everyday use. The polyester face fabric is not suitable for heavyduty activities like climbing or mountaineering.

WaterTight™ front zipper. Two outer pockets, inner pocket. Anatomically shaped sleeves. Anatomic draw cord hem. Adjustable hood with brim in the collar.

Material: GORE-TEX® 2-layer

Weight: (M) 480g

Ret: < 6,00m².Pa.W⁻¹

Sizes:

S M L XL



LATOK



EXCELLENT
BREATHABILITY



REMOVABLE
HOOD



ARMPIT
VENTILATION
SYSTEM



ELASTIC MATERIAL
FOR MAXIMAL
MOBILITY

A multi-purpose WINDSTOPPER® Soft Shell jacket with removable GORE-TEX® Active hood. Featuring a casual fit, the Latok is suitable for use in all outdoor activities.

Anatomically shaped sleeves. Velcro™ cuffs. Integrated ventilation system in the armpits. Four outer pockets, shoulder pocket. Removable hood with laminated brim. Anatomic draw cord hem.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (L) 850g

Ret: < 5,00m².Pa.W⁻¹

Sizes:

S M L XL XXL



LATOK

WOMEN'S



EXCELLENT
BREATHABILITY



REMOVABLE
HOOD



ARMPIT
VENTILATION
SYSTEM



ELASTIC MATERIAL
FOR MAXIMAL
MOBILITY

A women's version of a multi-purpose WINDSTOPPER® Soft Shell jacket with removable GORE-TEX® Active hood.

Anatomically shaped sleeves. Velcro™ cuffs. Integrated ventilation system in the armpits. Three outer pockets, shoulder pocket. Removable hood with laminated brim. Anatomic draw cord hem.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (M) 650g

Ret: < 5,00m².Pa.W⁻¹

Sizes:

S M L XL



WALKER

WOMEN'S PANTS
WINDSTOPPER®

ANATOMICALLY
SHAPED KNEES 02

01 2 OUTER
POCKETS

CARBON



CARBON



FOR ALL OUTDOOR
ACTIVITIES



HIGH
ELASTICITY



EXCELLENT
BREATHABILITY

Comfortable outdoor pants made of
WINDSTOPPER® Soft Shell. Suitable
for backpacking and hiking.

Material: WINDSTOPPER® Soft Shell X-Fast

Weight: (M) 460g

Ret: < 5,00m².Pa.W⁻¹

Sizes:

S M L XL



WALKER

WOMEN'S PANTS



FOR ALL OUTDOOR
ACTIVITIES



HIGH
ELASTICITY



RAPID MOISTURE
REMOVAL

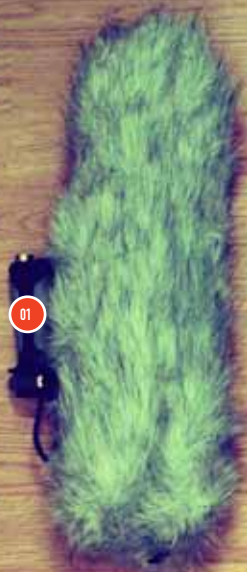
Comfortable outdoor pants made of non membrane Soft Shell. Suitable for backpacking and hiking.

Material: 100% polyamid Soft Shell

Weight: (M) 280 g

Sizes:

S M L XL



01



02



04



05



03



06

PETR KAŠPAR



To be honest, I have never experienced anything so demanding, either physically or mentally.

It was tough going. We did everything we could to achieve the kind of visual quality seen in foreign films, which are large-scale productions these days. We will see how successful we were.

01 RODE BLIMP (Deadcat) Great for reducing parasitic sounds caused by the wind or handling the microphone. A “Deadcat” – a windshield made of Wombat artificial fur – is used in extreme conditions. Its construction significantly reduces the effects of wind and sudden microphone movements.

02 Lenses Original RED PRO PRIMES film lenses, developed specifically for the unique RED camera, were used for shooting the film SANDSTONE. These lenses, with their modern construction, ensure image quality that can be recorded in 5K resolution.

03 RED EPIC film camera The use of RED EPIC cameras, which are the definition of film standards today, was fundamental to the shooting of the film. RED EPIC cameras shoot in extraordinary 5K resolution and, what’s more, this remarkable technology enables shooting at 450 frames per second. These properties are, however, reflected in the price and operation of the camera, and shooting on the walls of sandstone towers was extremely demanding and time-consuming.

04 C-Motion focusing The film cameras and lenses are fully manual, which means that the cameraman has to set the aperture and focus during shooting. So that the cameraman can concentrate on the composition and the demands of moving around on the wall, this work is performed by a “focuser” thanks to the C-Motion remote focusing system and wireless image transfer. The “focuser” controls the aperture and focus using precision controls and a motorised system.

05 ORACLE Control System One of the film techniques used in the film SANDSTONE is time-lapse video created from photo sequences. This technique is used to capture enthralling long sequences such as sunrises, night skies, etc. A slider along which the camera moves at short intervals is used to obtain interesting clips. The movement of the camera and the shutter release is synchronised by the programmable system ORACLE.

06 Tilak OGRE Jacket My climbing partner Peter Piechowicz and I have used these jackets all-year-round. For me personally, this jacket is my favourite part of my wardrobe and I practically live in it. In the winter, I use it as a second layer, and in the summer, and particularly on the rocks where it is still relatively cold, as a top layer. It is an extremely comfortable jacket. What’s more, during demanding activities such as jumaring with camera equipment on our backs, when we really start to sweat, all we have to do is open the ventilation system in the armpits and we feel much better.



ACCESSORIES

SERAK



HIGH PERMEABILITY
QUICK REMOVAL OF
PERSPIRATION FROM
THE SKIN



4 DIRECTIONAL
STRETCH MATERIAL

A long-sleeved anatomic ski top that takes full advantage of the superior comfort and performance of Polartec® Power Stretch® material. Recommend for use in combination with Serak Pants.

Material: Polartec® Power Stretch®

Weight: (L) 260g



POWER STRETCH®

Sizes:

S M L XL XXL

SERAK

WOMEN'S



RED / GRAY



RED



BLUE



HIGH PERMEABILITY
QUICK REMOVAL OF
PERSPIRATION FROM
THE SKIN



4 DIRECTIONAL
STRETCH MATERIAL

A women's version that is designed for the contours of the female body.

Material: Polartec® Power Stretch®
Weight: (M) 240g



Sizes:

XS S M L

FEMUND



HIGH PERMEABILITY
QUICK REMOVAL OF
PERSPIRATION FROM
THE SKIN



4 DIRECTIONAL
STRETCH MATERIAL

Hoody sweatshirt made of Polartec® Power Stretch®. Great insulation layer in combination with Serak Sweatshirt or another base layer.

Material: Polartec® Power Stretch®
Weight: (L) 360 g



Sizes:

S M L XL XXL

FEMUND

WOMEN'S



GRAY



BLUE



HIGH PERMEABILITY
QUICK REMOVAL OF
PERSPIRATION FROM
THE SKIN



4 DIRECTIONAL
STRETCH MATERIAL

A women's version of the hoody sweatshirt made of Polartec® Power Stretch®. Great insulation layer in combination with Serak Sweatshirt or another base layer.

Material: Polartec® Power Stretch®
Weight: (M) 340 g



Sizes:

S M L XL

ROGAN



01 FLATLOCK SEAMS

02 ANATOMIC SHAPE

03 2 OUTER POCKETS

04 FORWARD SHIFTED LATERAL SEAMS



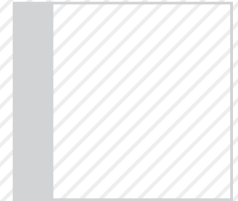
BLUE



GRAY



BLACK



HIGH PERMEABILITY
QUICK REMOVAL OF
PERSPIRATION FROM
THE SKIN



4 DIRECTIONAL
STRETCH MATERIAL

Hoody vest made of Polartec® Power Stretch®. Great insulation layer in combination with Serak Sweatshirt or another base layer.

Material: Polartec® Power Stretch®

Weight: (L) 300 g



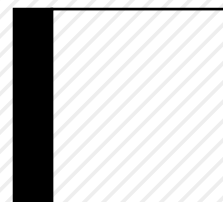
POWER STRETCH®

Sizes:

S M L XL XXL

ROGAN

WOMEN'S



HIGH PERMEABILITY
QUICK REMOVAL OF
PERSPIRATION FROM
THE SKIN



4 DIRECTIONAL
STRETCH MATERIAL

A women's version of the hoody vest made of Polartec® Power Stretch®. Great insulation layer in combination with Serak Sweatshirt or another base layer.

Material: Polartec® Power Stretch®
Weight: (M) 240 g



Sizes:



SERAK

PANTS

01
DRAW CORDS
THE WAIST



02
FLATLOCK
SEAMS

03
ANATOMIC
SHAPE

SERAK 3/4



HIGH PERMEABILITY
QUICK REMOVAL OF
PERSPIRATION FROM
THE SKIN



4 DIRECTIONAL
STRETCH MATERIAL

Pants made of Polartec® Power Stretch® suitable for all kinds of outdoor activities. Fully compatible with Serak Sweatshirt. 3/4 variation for use with ski boots.

Material: Polartec® Power Stretch®
Weight: (L) 200 / 170g



POWER STRETCH®

Sizes:

S M L XL XXL

ULTRALITE T-SHIRT/ BOXERS



Silver lite is extremely light material with only 140 g/m². Combination of 78% of Polyamide and 22% of Polyester without using elastane is extremely breathable and dries very fast. Material prevents peeling and reduces bacteria.



3D KNITTING
TECHNOLOGY



QUICK DRY
SYSTEM



DOUBLE FACE
TECHNOLOGY



FLAT
SEAMS

3D knitting technology

Articles are completely manufactured on a 3D knitting machine. In one work process that is computer-controlled and matched exactly to the human body.

Double face technology

Double knitting procedure combines two different fibres to a unique functional garment made of two layers. Inner layer lies directly on the skin and transfers moisture immediately to the outer layer. Outer layer absorbs the moisture and transfers it outwards.

Flat seams

Air and moisture channels

Microfine channels allow air to circulate on the skin and ensure quick removal of moisture.

Soft finish seamless

Latest knitting technology so-called transfer edge is smoothly incorporated in the article to increase the comfort.

Quick dry system

Our articles dry quicker than others. This is because we avoid using elastane as elastane accumulates moisture.

Sizes:

S-M

L-XL

ULTRALITE WOMEN'S T-SHIRT / BOXERS



Silver lite is extremely light material with only 140 g/m². Combination of 78% of Polyamide and 22% of Polyester without using elastane is extremely breathable and dries very fast. Material prevents peeling and reduces bacteria.



3D KNITTING
TECHNOLOGY



QUICK DRY
SYSTEM



DOUBLE FACE
TECHNOLOGY



FLAT
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Latest knitting technology so-called transfer edge is smoothly incorporated in the article to increase the comfort.

Quick dry system

Our articles dry quicker than others. This is because we avoid using elastane as elastane accumulates moisture.

Sizes:

XS-S

M-L

KHAKI



BIVI BAG

Anatomically shaped Bivi bag made of three-layer GORE-TEX®. Mesh lining in the entrance. Special material with gas-permeable functionality.

Material: GORE-TEX® Starlite Air 3-Layer
Weight: 730g
Size: 240 x 90 cm
Ret: < 4,00m².Pa.W⁻¹



DENIM



MITTENS GORE-TEX®

Long insulated mittens for wide range of use. Removable insert made of Antarctica material. Wrist adjustment. Pre-curved fingers. One-touch draw cord adjustment. Long forearm loop.

Material: GORE-TEX® 3-Layer Various colors
Weight: 730g
Sizes: UNI



CARBON



ICE GTX GLOVES

Technical waterproof gloves with integrated membrane GORE-TEX® for mountaineering, ice-climbing and skiing.

Pre-curved fingers. Silicone antislip palms. Gel on the back of fingers and hands. One-touch draw cord adjustment. Finger loops.

Material: upper - 100% Polyamid
inner - 100% Polyester
Membrane: GORE-TEX®



BLACK



BALACLAVA

An anatomically designed, breathable balaclava made of elastic material.

Material: Polartec® Power Stretch®
Weight: 50g
Sizes: UNI



GRAY



CAP

A close-tight cap.



BLACK



RED



BLUE

Materiál: Polartec® Power Stretch®

Sizes: L, XL

Weight: 30 g



BLACK



CAP UNDER HELMET

A close-tight cap for use under a helmet.



RED



BLUE

Materiál: Polartec® Power Stretch®

Sizes: L, XL

Weight: 30 g





DUŠAN STOUPA JANÁK



Sandstone climbing is, in my opinion, something like instant mountaineering,

or something between mountain climbing and sports climbing. There is a good balance between the physical and mental aspects of the ascent, and the mental difficulties often predominate as the distances between belaying are not usually small. It is important to have good belaying skills and to find the right direction. The climb frequently takes place over a number of lengths with the climbers taking the lead in turn. The ascent ends right at the summit, where a simple handshake acknowledges the universal truth that the ascent of the tower has been a joint endeavour.

- 01 **Loops** Loops are used on sandstone just like stoppers are used for belaying on granite. A thin blue Kevlar loop for threading through sandstone tunnels; a large bunch for wider cracks.
- 02 **Quickdraws** The lighter the equipment is, the better for the climber. A lot of carabiners are needed for sandstone, rocks and mountains. The kind with a wire gate is the lightest.
- 03 **Climbing boots** Climbing boots from Zlín – the Czech footwear Mecca. These boots are soft and ideal for sandstone, more suitable for climbing walls and rolling round edges where great use is made of the heels. Lace-ups are better for cracks.
- 04 **Gloves for cracks** Many sandstone climbers climb cracks without these special gloves that protect the upper part of the wrist rather than the palms. They do not need them because they are good at climbing cracks and because they have developed calluses on the upper side of the wrist that become permanent with frequent crack climbing. I usually wear gloves for most cracks due to my deficiencies in both regards. I certainly can't complain of a lack of contact with the rock even in these gloves.
- 05 **Chalk bag** During the making of the film about sandstone and when climbing traditional sandstone routes, the chalk bag stays on the ground in my rucksack out of respect for the accepted rules (happily there are not too many such rules in mountaineering). On more difficult routes, it is a permanent companion that I use more than anything else.
- 06 **Tilak Svalbard Jacket** I put my Svalbard on for climbing not just in the mountains, but at any time of year thanks to its combination of waterproofing and thermal comfort. It serves as anchoring on the rocks in the summer, and means I don't have to take a Gore-Tex jacket or an umbrella with me in my rucksack. The great thing about this jacket is that it can be turned into a vest extremely quickly and easily, so the process of attaching or removing the sleeves does nothing to detract from its advantages. I also found to my surprise that it provides good waterproofing in town, where I don't feel like exotic specimen from an expedition period. So, of all the things in the photo my Svalbard probably spends the greatest amount of time with me.
- 07 **Rope** The fall of a stone on the north wall of the Grandes Jorasses in the Alps turned my brand-new 70-meter rope into two 35-meter ropes. A great length for a climbing wall or for sandstone when I'm trying something easier for the first ring. I don't try routes where the first ring is higher on my own. I can always blame my short rope without fear of lying...

Man's size	S	M	L	XL	XXL
Height	164-172	172-180	180-188	188-196	196-204
Chest	86-94	94-102	102-110	110-118	118-129
Waist	74-82	82-90	90-98	98-106	106-114
Hip	96-100	100-104	104-108	108-112	112-116
Weight	64-72	72-78	78-85	85-92	92-100

Women's size	XS	S	M	L	XL	XXL
Height	148-156	156-164	164-172	172-180	180-188	188-196
Chest	74-82	82-90	90-98	98-106	107-119	119-131
Waist	58-66	66-74	74-82	82-90	90-98	98-106
Hip	86-90	90-94	94-100	100-106	106-112	112-118
Weight	47-52	52-57	57-62	62-67	67-75	75-83

Man's pants	S	M	L	XL	XXL
Waist	76-80	82-86	86-90	90-94	94-98
Hip	96-100	100-104	104-108	108-112	112-118

Women's pants	XS	S	M	L	XL
Waist	68	72	76	80	82
Hip	86-90	90-94	94-100	100-106	106-112

SIZING CHART

GORE-TEX® Active

Garments engineered with GORE-TEX® Active technology are built for extreme breathability and are ideal for highly aerobic, done in a day activities. All components are built for optimal sweat management to ensure extreme breathability and optimum comfort in high aerobic conditions. The performance is also supported by tight fitting and minimalistic garment design. GORE-TEX® Active laminates combine a lighter, thinner GORE-TEX® membrane with fine denier performance textiles to deliver the ultimate 3-Layer solution for the active consumer. On the liner side, a proprietary lamination technology integrates the backer textile directly into the membrane allowing for extreme breathability and excellent next to skin comfort.

GORE-TEX®

Garments engineered with GORE-TEX® product technology are durably waterproof and windproof combined with optimized breathability. Enduring products that maximise wearers' protection and comfort. The GORE-TEX® membrane is bonded to the outer fabric and protected on the inside by a separate lining (2-layer construction) or to the outer fabric and the inner lining (3-Layer construction). No separate inner lining is needed in combination with Paclite® product technology. It is the ideal solution for hiking, travel and other activities where space and weight are critical

GORE-TEX® Pro

Garments engineered with GORE-TEX® Pro product technology are built for maximised ruggedness and are ideal for extreme and extended use. The GORE-TEX® membrane is bonded to the extremely rugged and durable outer fabric and the specially developed inner lining called GORE™ Micro Grid Backer Technology. This is a thin, low-denier, low-density woven fabric backer and is used instead of a tricot knit. It allows the garment to slide easily over internal layers.

WINDSTOPPER® Soft Shell

WINDSTOPPER® Soft Shell Fabrics combine the soft, comfortable fit of a mid-layer with reliable shell protection against cold wind, light rain and snow. It provides maximum comfort and freedom to enjoy the widest range of activities and weather conditions. They are totally windproof, very breathable, water resistant, snow shedding, abrasion resistant and stretch.

CLIMASHIELD® Apex

A breathable and lofty synthetic insulation that is made with ultra-fine fibers and specially treated to be water resistant. CLIMASHIELD® Apex gives great thermal insulation to help the body maintain its temperature, minimizing energy loss. Extremely light and soft, it was originally developed by the US Army to replace natural down. As down absorbs moisture, it becomes wet and loses its thermal-insulating abilities. Primaloft® absorbs three times less water, is 14% warmer when dry and 24% warmer when wet, than the competitive insulations.

POLARTEC® POWER STRETCH®

This material is elastic fleece with a high level of thermo-regulation. It's very light and breathable and doesn't absorb body moisture.

Ventile® cotton

The fabrics are 100 % cotton, utilising the finest, long staple fibres. The performance of Ventile® fabrics results from the properties of cotton fibres which expand when they come into contact with water. The combination of fibres, yarns and weave causes expansion in a uniform manner. This allows the interstices within the fabric to close up, preventing the further passage of water. The fabric therefore provides excellent protection against the wind, rain, snow and cold. As a natural fabric, Ventile® is relatively, rustle free'; useful for many sporting needs and those who want to be at one with nature. The 'noise free' characteristic also adds greatly to the comfort of the wearer in everyday use.

MATERIALS

To feel comfortable in the outdoors, appropriate clothing is a must. While choosing clothing suitable for the intended level of exertion and the expected weather, we should remember that it may be necessary to make changes according to the weather or the intensity of activity. Modern functional clothing systems usually consist of three layers, which together resist weather conditions, regulate heat and moisture transmission, and allow the body to stay as comfortable as possible in any situation.

ABSORPTION LAYER

The absorption layer transports moisture (i.e. perspiration) away from the body. It is made of synthetic non-absorbent fibres and is in direct contact with the skin. Proper wicking of moisture away from the skin is an essential requirement of technical clothing, and without it, the entire system may be compromised.

INSULATION LAYER

The insulation layer reduces heat loss and is breathable so that water vapor condensation is minimized. In some cases it also functions also as a top layer. In these cases, more emphasis may be put on its “windproofness” and water resistant qualities.

TOP LAYER

The waterproof qualities of the top layer protect against unfavorable weather conditions (rain, snow, etc.). The top layer is also breathable and therefore protects the interior layers against the accumulation of moisture. It must also provide sufficient wind protection.

The properties of outdoor clothing

Functional outdoor clothing must be waterproof, windproof, and breathable. It's about maximum functionality in various weather conditions and under various levels of exertion. Tilak creates this functionality by combining light-weight and durable materials with top-quality design.

LAYERING SYSTEM OF CLOTHING



Any defects in materials or workmanship are covered by a four-year warranty. Warranty does not cover changes in product quality caused by improper use or care. Claims or complaints should be made directly to the shop from where the product was purchased as soon as defects are noticed.

Please follow the instruction symbols shown on the inner label of each product. While washing we recommend using original products approved for each kind of clothing.

For more information, please see the website

WARRANTY CERTIFICATE

Distributors:

Germany

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