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FOR 60 YEARS CARINTHIA – A TRADEMARK OF THE GOLD.ECK TEXTILE CORPORATION – HAS DEVOTED ITSELF TO INSULATION TECHNOLOGY USING BOTH, NATURAL AS WELL AS SYNTHETIC FIBERS FOR USE IN EXTREME CONDITIONS. FOR OVER 25 YEARS, WE HAVE CONCENTRATED ON THE DEVELOPMENT OF TECHNICAL POLYESTER INSULATION FOR DEMANDING CONDITIONS. OUR AIM? TO ACHIEVE MAXIMAL EFFICIENCY WITH AN OPTIMAL WARMTH TO WEIGHT RATIO.

DEVELOPED FOR CHALLENGING MISSIONS

OUR INDIVIDUAL THERMAL INSULATION PRODUCTS FILLED WITH G-LOFT INSULATION, ARE THE RESULT OF OUR INTENSIVE R&D PROGRAM. OUR HIGH INSULATION GARMENTS AND OUR HIGH QUALITY SLEEPING BAGS ARE USED BY REGULAR MILITARY AS WELL AS SPECIAL-FORCES UNITS IN THEIR OPERATIONAL DEPLOYMENTS AND NORMAL FIELD EXERCISES. EVEN UNDER THE MOST EXTREME CLIMATIC CONDITIONS G-LOFT OFFERS SUPERIOR PERFORMANCE ALONG WITH THE COMFORT REQUIRED FOR EFFECTIVE REST. THIS EXTRAORDINARY QUALITY HAS BEEN ACHIEVED AFTER YEARS OF SYSTEMATIC RESEARCH USING THE NATURAL PROPERTIES OF GOOSE DOWN AS STARTING POINT.

CARINTHIA THERMAL INSULATION PRODUCTS OFFERS UNBEATABLE PERFORMANCE IN 3 DECISIVE CRITERIA:

- HIGHEST THERMAL INSULATION
- AT A LOW PACK SIZE (COMPRESSIBILITY OF THE FILLING)
- AND LOW WEIGHT

FURTHERMORE, THE KEY CRITERIA OF DURABILITY AND COMFORT THAT WE PROVIDE ARE ESSENTIAL TO PROFESSIONAL USERS OF OUR SLEEPING BAGS AND HIGH-INSULATION GARMENTS.
G-LOFT | PREMIUM INSULATION TECHNOLOGY

WARM, LIGHT AND BREATHABLE - EVEN IN EXTREMELY WET AND COLD WEATHER: THE REVOLUTIONARY G-LOFT INSULATION MEETS THE HIGHEST STANDARDS AND COMBINES THE BENEFITS OF NATURAL DOWN WITH THE RUGGEDNESS OF A SYNTHETIC FIBER. AND IT IS PERMANENT. DUE TO THE “MEMORY EFFECT” THE FIBERS AUTOMATICALLY RETURN TO THEIR ORIGINAL AND UNIQUE FORM, EVEN AFTER HARD USE AND REPEATED WASHING. G-LOFT GUARantees OPTIMAL THERMAL INSULATION AND HEAT REGULATION.

TECHNOLOGY

BI-COMPONENT-FIBER

MEMORY EFFECT: The exceptionally fluffy and warming spiral form of the G-LOFT insulation is achieved through the molecular structure of the bi-component-fiber.

SPECIAL FIBER BLEND

Microfibres and “Low-Melt-Fibres” guarantee a permanent, fluffy G-LOFT insulation with the minimum possible packsize.

NATURAL CLUSTERING

Similar to high-end down, G-LOFT products form “Clusters”. Air is trapped in countless small pockets and ensures an optimal insulation.

BENEFITS

WARM & LIGHT

Maximum heat rating at a minimum weight: G-LOFT is measurably perceptibly lighter and has measurably higher heat rating/thermal efficiency for the same weight.

HIGHLY COMPRessible

The miraculously small pack/weight ratio: When packed, air escapes from the G-LOFT insulation, which later quickly unfolds again due to the MEMORY EFFECT.

TOP WET CONDITION PERFORMANCE

In contrast to down G-LOFT fibres absorb no moisture. This guarantees a high thermal rating/thermal efficiency even in wet conditions.

HIGHLY BREATHABLE

The breathable G-LOFT products guarantee a perfect temperature regulation outdoors and an optimal sleeping climate.
A soldier’s activity profile does not usually require protection during medium and intense activity. However, during low activity and rest periods, soldiers depend on it to maintain their concentration, function and achieve effective rest.

Our system of lightweight thermal protection was developed not just to wear, but to integrate with his operational equipment load and be carried with minimal impact on weight and volume. After unpacking, the rapid lofting of G-LOFT provides effective insulation against cold and windchill immediately.

The WINDSTOPPER® fabric (made by Gore Tex) offers protection against windchill by blocking penetrating wind, but is still breathable to allow moisture to escape. Combined with the G-LOFT insulation, it keeps you dry and comfortable by releasing moisture quickly to the atmosphere.

The jacket and the trousers can be worn as an outer protection envelope, but they are just as suitable as a thermo-liner layered underneath our Gore-Tex® weather protection jacket. The ergonomic cut and the soft G-LOFT insulation allow unrestricted mobility, giving WINDSTOPPER® high insulation garments the comfortable feeling of lightweight wear.
Light, warm and well tailored are the characteristics of our G-LOFT ULTRA JACKET. Perfectly tailored it can be used as second layer between functional underwear and hardshell. The G-LOFT iso+ filling scores with a small pack size and an insensitivity to moisture.

- Fitted stretch collar
- Front zipper with chin guard
- Elastic stretch fleece inserts on shoulders, elbows & sides
- 2 large outside zipp-pockets
- 1 Napoleon zipp-pocket
- Elastic cuffs & waist
- Left front pocket can be used as storage bag

Sizes: S-XXL | Weight: 400g (Size L) | Insulation: G-LOFT iso+ 60g/m²
Outer Fabric: 100% Polyamide | Inner Fabric: 100% Polyamide
Pack Size: 8x15 cm (Size L) | Colors: Olive, Black
G-LOFT ISG JACKET

- Detachable & stowable hood
- Hood with elastic drawstrings adjustable in 2 directions
- Width adjustable collar with thermo fleece
- Water-repellent YKK® zippers
- 2-way front zipper with wind flap and chin guard
- Ventilation system - access openings with zipper at the side seam
- 2 large outer pockets with micro fleece
- Pre-shaped sleeves
- 2 upper arm pockets with Velcro for attaching badges
- Internal, one-handed adjustable elastic drawstring at hem
- Compression bag included

Sizes: S-XXL | Weight: 750g (Size M) | Insulation: G-LOFT ISO+, 100% Polyester, Body 40g/m2, Outer Fabric: 3L Softshell, 100% Polyamide, Inner Fabric 100% Polyamide, Pack Size: 14x25 cm (Size L) | Colors: Olive, Black
LIG 3.0 LIGHT INSULATION GARMENT

**NEW**

**LIG 3.0 JACKET**
- Water repellent outer material
- Width adjustable collar with thermo fleece
- 2-way-front-zip with wind flap & chin protection
- 2 large outer pockets with thermo fleece
- 1 Napoleon inner pocket
- Internal wrist warmer (jacket)
- Backside with longer cut
- One-handed adjustable drawcord at waist
- Storage bag included

**LIG 3.0 TROUSERS**
- Water repellent outer material
- Elastic waistband with internal drawstring & button closure
- 2-way-side-zipper with wind flap
- Anatomically pre-shaped knees
- Adjustable pant cuff with Velcro-/press stud flap
- Optional holster suspenders
- Storage bag included

**LIG VEST**
Sizes: S-XXL
Weight: 410g (Size M)
Insulation: G-LOFT ISO+ 80g/m²
Outer Fabric: 100% Polyamide; water repellent
Inner Fabric: 100% Polyamide
Pack Size: 10x17 cm (Size L)
Colors: Olive, Black

**LIGHT INSULATION GARMENT LIG 3.0 JACKET**
Sizes: S-XXL | Weight: 540g (Size M) | Insulation: G-LOFT ISO+ 80g/m², 100% Polyester | Outer Fabric: 100% Polyamide | Inner Fabric: 100% Polyamide
Pack Size: 10x20 cm (Size L) | Colors: Olive, Black, Steelblue

**LIGHT INSULATION GARMENT LIG 3.0 TROUSERS**
Sizes: S-XXL | Weight: 610g (Size M) | Insulation: G-LOFT ISO+ 80g/m², 100% Polyester | Outer Fabric: 100% Polyamide | Inner Fabric: 100% Polyamide
Pack Size: 10x17 cm (Size L) | Colors: Olive, Black, Coyote
MIG 2.0 MEDIUM INSULATION GARMENT

HIG 2.0 TROUSERS

MIG 2.0 JACKET MULTICAM®

Sizes: S-XXL
Weight: 960g (Size L)
Insulation: G-LOFT ISO+, 100% Polyester
Body: 125g/m², Sleeves: 80g/m²
Outer Fabric: 100% Polyamide, ePTFE membrane, water repellent
Inner Fabric: 100% Polyamide
Pack Size: 13x20 cm (Size L)
Colors: Multicam®

Comfort Temperature (EN 342): -15°C
NEW CORDURA reinforcement in shoulder and elbow area

Cuffs with Velcro closure and inner wrist warmers

MIG 3.0 MEDIUM INSULATION GARMENT

MIG 3.0 JACKET

- Lined hood, adjustable in 2 directions
- Underarm ventilation system
- Collar trimmed with Thermo fleece
- Water-repellent YKK® outer zippers
- 2-way front zipper with wind flap and chin guard
- 2 large outer zip-pockets, lined with thermo fleece
- 2 inner mesh zip-pockets
- 2 upper arm pockets with Velcro for attaching badges
- 1 small pocket on the left forearm
- Pre-shaped sleeves with adjustable cuffs
- Adjustable, elastic drawcord at hem
- Compression bag included

MIG 3.0 JACKET

Sizes: S-XXL | Weight: 960g (Size L)
Insulation: G-LOFT ISO+, 100% Polyester, Body 125g/m², Sleeves 80g/m²
Outer Fabric: Gore Windstopper®, 100% Polyester, ePTFE membrane, water repellent
Inner Fabric: 100% Polyamide
Pack Size: 13x20 cm (Size L) | Colors: Olive, Black, Coyote

Comfort Temperature (EN 342): -15°C
HIG 3.0 JACKET

- Lined helmet-compatible hood, storable in collar
- Elastic drawstring hood, adjustable in 3 directions
- Width-adjustable collar
- Water-repellent YKK® outer zippers
- 2-way front zipper with wind flap and chin guard
- 2 large outer zip pockets, lined with thermo fleece
- 1 Napoleon inner zip-pocket
- Zip ventilation/access opening on sides
- 2 upper arm pockets with Velcro for attaching badges
- 1 small pocket on the left forearm
- Pre-shaped sleeves with adjustable cuffs
- Adjustable, elastic drawcord at hem
- Compression bag included

Sizes: S-XXL | Weight: 1.050g (Size L) | Insulation: G-LOFT ISO+, 100% Polyester, Body 145g/m2, Sleeve 110g/m2, Outer Fabric: Gore Windstopper®, ePTFE membrane Inner Fabric: 100% Polyamide | Pack Size: 11x24 cm (Size L) | Colors: Olive, Black, Coyote

HIG 3.0 TROUSERS

- Elastic waistband with button closure
- Water-repellent YKK® outer zippers
- 2-way leg zipper to hem, with wind flap
- High-cut rear waist band
- Large rear pocket
- Ergonomic pre-shaped knees
- Adjustable elastic drawcord at hem
- Shoe fixation hook
- Reinforced inner leg area
- Adjustable suspenders
- Compression bag included

Sizes: S-XXL | Weight: 840g (Size L) | Insulation: G-LOFT ISO+, 125g/m2, 100% Polyester Outer Fabric: Gore Windstopper®, ePTFE membrane Inner Fabric: 100% Polyamide | Pack Size: 11x18 cm (Size L) | Colors: Olive, Black, Coyote 

NEW

Cordura reinforcement in shoulder and elbow area

Cuffs with Velcro closure and inner wrist warmers

Cordura reinforced, anatomically preformed knee

Additional fixation in the seam area of the wind flap
**ECIG 3.0 EXTREME COLD INSULATION GARMENT**

**NEW**

- Cordura reinforcement in shoulder, elbow and hip area
- Cuffs with Velcro closure and inner wrist warmers
- Fixable snow catch including elastic waist adjustment

**ECIG 3.0 JACKET**

- Detachable insulated hood with elastic draw-cords, adjustable in 3 directions
- Width adjustable collar
- Water repellent YKK® outer zippers
- 2-way front zipper with wind flap and chin guard
- Outer weather protection double flap
- 2 large outer zip-pockets, lined with thermo fleece
- 1 outside Napoleon zip-pocket
- 2 inner mesh zip-pockets
- 2 upper arm pockets with Velcro for attaching badges
- 1 small pocket on the left forearm
- Pre-shaped sleeves with adjustable cuffs & wrist warmers
- Adjustable snow-flap with anti-slip tape & snap closure
- Adjustable, elastic drawcord at hem
- Compression bag included

**Comfort Temperature (EN 342):** -30°C

Sizes: S-XXL | Weight: 1,450g (Size L) | Insulation: G-LOFT ISO+, 100% Polyester
Body: 220g/m², Sleeve 145g/m², Outer Fabric: 100% Polyester, Gore Windstopper®, ePTFE membrane | Inner Fabric: 100% Polyamide | Pack Size: 16x26 cm (Size L) | Color: Olive

**ECIG 3.0 TROUSERS**

- Elastic waistband with button closure
- Water repellent YKK® outer zippers
- 2-way full length divisible side zippers
- Outer weather protection flaps
- High-cut rear waist band
- 2 large patched side pockets
- Ergonomic pre-shaped knees
- Adjustable elastic drawcord at hem
- Shoe fixation hook
- Reinforced inner leg area
- Adjustable holster suspenders
- Compression bag included

**Comfort Temperature (EN 342):** -30°C

Sizes: S-XXL | Weight: 920g (Size L) | Insulation: G-LOFT ISO+, 145g/m², 100% Polyester
Outer Fabric: 100% Polyester, Gore Windstopper®, ePTFE membrane | Inner Fabric: 100% Polyamide | Pack Size: 14x26 cm (Size L) | Color: Olive

**NEW**

- 2 large patch pockets with water-repellent zippers
- Cordura reinforced, anatomically preformed knee
- Additional fixation in the seam area of the wind flap
- Elastic waistband with button closure
- Water repellent YKK® outer zippers
- 2-way full length divisible side zippers
- Outer weather protection flaps
- High-cut rear waist band
- 2 large patched side pockets
- Ergonomic pre-shaped knees
- Adjustable elastic drawcord at hem
- Shoe fixation hook
- Reinforced inner leg area
- Adjustable holster suspenders
- Compression bag included
G-LOFT REVERSIBLE SUIT

G-LOFT REVERSIBLE JACKET

- Wearable on both sides
- Width-adjustable collar
- YKK® outer zippers
- Front zipper with wind flap and chin guard
- 2 large outer/inner zipp-pockets
- Adjustable, elastic drawcord at hem
- Sleeves with elastic cuffs
- Compression bag included

Sizes: S-XXL | Weight: 700g (Size L) | Insulation: G-LOFT ISO+ 145g/m², 100% Polyester | Out-In-Side Fabric: 100% Polyamide
Pack Size: 12x18 cm (Size L) | Colors: Olive/Sand

G-LOFT REVERSIBLE TROUSERS

- Elastic waistband with button closure
- YKK® outer zippers
- Leg zipper (up to knee) with wind flap
- Ergonomic pre-shaped knees
- Adjustable hem
- Shoe fixation loop
- Adjustable suspenders
- Compression bag included

Sizes: S-XXL | Weight: 690g (Size L) | Insulation: G-LOFT ISO+ 145g/m², 100% Polyester | Out-In-Side Fabric: 100% Polyamide
Pack Size: 12x18 cm (Size L) | Colors: Olive/Sand
STRUCTURE INSULATED GARMENTS

WINDSTOPPER® made by Gore-Tex®
- Unlimited breathability
- Wind protection
- Protection of the
- Insulation from humidity

Insulated by G-LOFT®
- PREMIUM INSULATION TECHNOLOGY
- High insulating
- Minimum packing volume
- Light weight
- Efficient insulation right after unpacking
- Durable insulation – remains effective after frequent washing
TRG TACTICAL RAIN GARMENT

TRG JACKET
- Tested 10,000 mm water column
- Helmet-compatible hood with 2-way adjustment & reinforced screen
- Hood storable in collar
- High collar trimmed with Thermo fleece
- Water-repellent YKK® outer zippers
- 2-way front zipper with wind flap and chin guard
- Outer weather protection double flap
- 4 large outer pockets
- 1 compass breast pocket
- Water-repellent YKK® outer zippers
- 2-way front zipper with wind flap and chin guard
- Outer weather protection double flap
- 4 large outer pockets
- 1 compass breast pocket
- Tested 10,000 mm water column
- Helmet-compatible hood with 2-way adjustment and button closure
- Water-repellent YKK® outer zippers
- 2-way front zipper with wind flap
- 2 large side pockets
- Ergonomic preshaped knees
- Reinforced inner leg area
- Width adjustable hem with Velcro adjustment
- Optional adjustable suspenders
- Compression bag included
- Machine washable

Sizes: S-XXL | Weight: Olive: 750g, Weight Multicam®: 960g
Outer Fabric: 100% Polyamide, water repellent, windproof, breathable
Membrane: Bi-component based on ePTFE – olive | Membrane: Topaz PTFE, DUO component – multicam | Colors: Olive, Multicam®

TRG TROUSERS
- Tested 10,000 mm water column
- Elastic waistband with cord adjustment and button closure
- Water-repellent YKK® outer zippers
- 2-way leg zipper to hem, with wind flap
- Ergonomic preshaped knees
- Reinforced inner leg area
- Width adjustable hem with Velcro adjustment
- Optional adjustable suspenders
- Compression bag included
- Machine washable

Sizes: S-XXL | Weight: Olive: 520g, Weight Multicam®: 500g
Outer Fabric: 100% Polyamide, water repellent, windproof, breathable
Membrane: Bi-component based on ePTFE – olive | Membrane: Topaz PTFE, DUO component – multicam | Colors: Olive, Multicam®
**PRG PROFESSIONAL RAIN GARMENT**

**PRG TROUSERS**
- Tested 10,000 mm water column
- Elastic waistband with cord adjustment and button closure
- Water-repellent YKK® outer zippers
- 2-way leg zipper to hem, with wind flap
- 2 large side pockets
- Ergonomic pre-shaped knees
- Reinforced inner leg area
- Width adjustable hem with Velcro adjustment
- Optional adjustable suspenders
- Compression bag included
- Machine washable

Sizes: S-XXL | Weight: 580g | Outer Fabric: 100% Polyamide, water repellent, windproof, breathable, Membrane: Bi-component based on ePTFE | Colors: Olive, Black

**PRG JACKET**
- Tested 10,000 mm water column
- Attached, helmet-compatible hood
- 2-way adjustable hood with reinforced screen (with cords concealed in outer pockets)
- Water-repellent YKK® outer zippers
- 2-way front zipper with wind flap and chin guard
- Outer weather protection flap
- 2 large outer zipp-pockets
- Mesh inner zipp-pocket
- Zipp underarm ventilation
- 2 upper arm pockets with Velcro for attaching badges
- Anatomically pre-curved sleeves with Velcro adjustment
- Adjustable elastic drawcord at hem
- Compression bag included
- Machine washable

Sizes: S-XXL | Weight: 510g | Outer Fabric: 100% Polyamide, water repellent, windproof, breathable, Membrane: Bi-component based on ePTFE | Colors: Olive, Black
SURVIVAL RAIN SUIT

When weight and pack volume counts, the survival Rain Suit is the best choice. It is the ultimate protection gear, that is extremely breathable, lightweight and packable (vacuum packed it is extremely suitable for survival sets).

JACKET
- Waterproof, windproof, breathable, light weight
- 10,000 mm water column
- Height adjustable hood
- Higher stand up collar
- Sleeve hem with tab, hook & loop fasteners for width adjustment
- Elastic drawstring for hem width adjustment
- Washable 60°C

Sizes: S-XXL | Weight: 260g | Outer Fabric: 100% Polyamide
Membrane: Bi-component based on ePTFE
NSN: 8405-41-0000-2520 | Pack Size: 22x14,5 cm | Color: Olive

TROUSERS
- Waterproof, windproof, breathable, light weight
- 10,000 mm Water column
- Waist band with elastic drawstring for adjustment
- Trousers hem with tab and hook & loop fasteners for width adjustment
- Washable 60°C

Sizes: S-XXL | Weight: 210g | Outer Fabric: 100% Polyamide
Membrane: Bi-component based on ePTFE
NSN: 8405-41-0000-2522 | Pack Size: 22x14,5 cm | Color: Olive
Developed for challenging conditions for the police on point duties and patrol. The operational capability must be ensured at any moment, especially at cold temperatures. Law enforcement officers performing unsheltered, static duties after a period of high activity, require proper insulation in order to guard against hypothermia brought on by wind and weather.

An unprotected officer can quickly become another casualty of cold when not correctly insulated. G-LOFT, with its unmatched insulation properties and excellent compression, gives officers premium protection that should be part of any uniform.
MILITARY SLEEPING SYSTEMS
Manufactured from high-quality bi-component polymers, the structure of G-LOFT insulation is in fact similar in many ways to high-quality goose down. The 3-dimensional crimping ensures maximum resilience and loft.

Even when the sleeper moves about compressing the inner layer of insulation, the sleeping bag’s warmth is retained. Successive insulating layers are cut more generously. This ensures the greatest loft in all areas and in every position. Additional air cushions form between the various layers. Movement inside the sleeping bag creates pressure points, but with our differential cut only the innermost layer is compressed. The outer layers retain their loft and therefore their insulating properties.

Thermoflect increases the heat retention of a sleeping bag by around 11%. Thermoflect is our solution to heat loss due to body radiation. Thermoflect is an ultra-light, ultra-soft, breathable scrim with the unique ability to reflect body-heat.

Experienced has shown that the trapezoidal cut provides the ultimate foot space. In a normal sleeping position, the feet do not poke the insulation outward, avoiding cold spots. There is also enough room to store a shoe bag or extra clothing.

Here the criteria of stuff size, weight and warmth are most important. The tapered foot section reduces weight and stuff size. The main advantage is, however, that from the knee downwards there is increasingly less internal volume to keep warm. The foot section should not be so small that the feet cause the layers of insulation to poke out. A trapezoidal foot section has proven to be ideal. A wedge shape, declining evenly in width from top to bottom, does not fit the true proportions of the body.

In this lightweight design, the outer shell is loosely attached to the bag. The G-LOFT ISO+ filling is quilted to an insulating scrim. As a result, an additional air pocket is formed between the quilted insulation layer and the shell, yet no cold seams can occur.
The TROPEN is a light-weight sleeping bag with an extremely small packing size and minimum weight. Its remarkable feature is its vapour permeability which is very important for hot and humid tropical nights. The Shelltrans shell fits loosely over the inner structure and provides an extra layer of insulation with no cold seams. This construction ensures reserve warmth for cool, foggy nights. In warmer weather the bottom part of the two-way zipper can be opened for ventilation.

The hood is equipped with a mosquito net which can be folded out of the flap if required (the mosquito net is in the front part of the bag and stored behind the flap with press studs.) The net can easily be attached around the hood by means of the small zipper. The zipper is non-snagging so that you can always get out quickly and easily.

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The DEFENCE 4 is the most popular and best-selling all-round sleeping bag with excellent weight to stuff size and performance ratio. It is a well-established, 3 season sleeping bag that has proven to be 100% reliable on cold nights both in the wilderness and in snow caves. A protection flap on the outer side of the zipper keeps out wind and wetness. The outer shell is a super-light, highly resistant, microfibre nylon with a fine microporous coating which makes it waterproof. There is a generous draft tube on the inside of the zipper to prevent heat loss at the zipper.

The SYSTEM consists of the two sleeping bags (Tropen + Defence 4). Considering the low weight of the system (approximately 3 kg in total), it guarantees unbeatable thermal performance with minimal stuff size and weight. The Defence 4 serves as the outer sleeping bag and the Tropen as the inner sleeping bag. Both bags fit into the compression bag of the Defence 4. This combination of a centre-zipper outer bag and side-zipper inner bag provides maximum comfort in extreme conditions. The inner sleeping bag also serves as a liner bag. It is easy to wash and dries quickly. There is no need to wash the complete system.
This high-performance winter sleeping bag is designed for uncompromising warmth retention in arctic conditions. It has a triple-layer sandwich construction with a loose-fitting Shellproof shell which guarantees optimum warmth. It has a generous draft tube on the inside of the zipper to prevent any heat loss. In addition, it has a protection flap on the outside to keep out wind and wetness.

The Defence 1 Top is a light-weight sleeping bag with an extremely small stuff size and minimum weight. The Shellproof shell fits loosely over the inner structure and provides an extra layer of insulation with no cold seams. This construction ensures reserve warmth for cool, foggy nights. In warmer weather, the bottom part of the two-way zipper can be opened for ventilation. The zipper is non-snagging so that you can always get out quickly and easily.
The EAGLE is the right sleeping bag wherever minimum stuff size and maximum temperature range is required. The G-LOFT ISO+ hollow fibre provides a comfort range of 10°C. Its minimal weight and stuff size also makes this bag an excellent choice when deciding on your survival equipment.

This sleeping bag has become a classic. An indispensable companion on long marches, it boasts low weight and small stuff size. The ground level cut means that there is more insulation on the top and sides where it is needed most. An extra strip of insulation has been added at the side of the back to give maximum warmth down to the insulating mat. The trapezoidal foot section ensures that this important area also keeps warm. With scalloped hood, draft collar, zipped pocket and pillow pouch, this is a quality lightweight and comfortable sleeping bag. Available with zipper on the right or left. The practical pillow pouch can be filled with a pullover or anorak; it can also be removed for washing separately.

BRENTA

The EAGLE

NSN: 8465-41-0000-2428
Weight: 900g
Pack Size: 16x21 cm
Outer fabric: 100% Polyamide, Inner fabric: 100% Polyamide, Insulation: 100% Polyester

Comfort Limit: +10°C  Extreme: -5°C

BRENTA

Size: Medium
NSN: 8465-41-0000-2416
Weight: 1.850g
Pack Size: 23x30 cm
Outer fabric: 100% Polyamide, Inner fabric: 100% Polyamide, Insulation: 100% Polyester

Comfort Limit: -10°C  Extreme: -20°C
THE SURVIVAL LINE was designed for the special needs of the army, with great attention paid to maximum mobility in extreme conditions. The sleeping bag has sleeves which are stored between the shell and the insulation layers when not in use. They can also be used as pockets for small items, such as a torch, etc. Velcro closures on the outer protection flaps and zippers on the inside prevent heat loss. Knitted synthetic gloves are attached for additional warmth. They enable you to cook, write and use your hands without having to get out of the bag. You can even wear the bag like a coat if you want to step outside the tent briefly. Just open the zipper along the bottom, fold the bag up and fasten it to the buckles at the back. All SURVIVAL LINE bags (WILDERNESS, SURVIVAL ONE and SURVIVAL DOWN) have adjustable draft collars to prevent heat loss at the shoulders. The draft collar also prevents the bag from slipping off when you are using it as a coat. When used as a coat, the draft collar has to be closed and tightened in order to carry the weight of the sleeping bag on the shoulders.

SURVIVAL ONE

This high performance winter sleeping bag was especially designed for military use. It has generous draft tubes on the inside of the zipper to prevent any heat loss there. Anti-snag tape along the zipper and a protection flap on the outside keep out wind and wetness. The SURVIVAL ONE has a differential cut which means that each successive insulating layer is cut more generously. This ensures the greatest possible loft in all areas and in every sleeping position. Movement inside the sleeping bag creates pressure points but with our differential cut only the innermost layer is compressed. By opening the zipper at the bottom you can get your feet out if you want to step outside. You can tie up the foot end so that you can walk and even wear the bag like a coat. The sleeves are stored between the insulation layers.

SURVIVAL ONE

NSN: 8465-41-0000-2481
Weight: 2,900g
Pack Size: 27x45 cm

Outer fabric: 100% Polyamide, Inner fabric: 100% Polyamide, Insulation: 100% Polyester

Comfort Limit: -25°C
Extreme: -35°C
This quality sleeping bag was developed for extreme conditions where no compromises are possible. The proven H-chamber construction with elastic baffles and the trapezoidal foot section add to its warmth. The differential cut allows the down to reach its full loft and prevents cold spots at the knees and elbows. The two-way zipper at the front of the sleeping bag can be opened from the foot section for ventilation. Another important feature is the fully integrated pre-formed hood with a draw cord that closes up to a very small breathing hole. By opening the zipper at the bottom you can get your feet out if you want to step outside. You can tie up the foot end so that you can walk and even wear the bag like a coat. The sleeves are stored inside the insulation. Supplied in a cotton storage bag together with compression bag.

This unique sleeping bag was especially developed for trekking, hunting expeditions and survival in the wilderness under extreme conditions. Besides fulfilling the requirements of superior warmth-to-weight ratio and small stuff size, the bag was designed with freedom of movement in mind. By opening the zipper at the bottom you can get your feet out to walk around. The foot end can be tied up so that you can wear the bag like a coat. Wilderness also has two parallel side zippers with a thermo-stitched draft tube in between. When both zips are closed there is less internal space to be heated and extra insulation space between the outer and inner layers, making the bag warmer. Undo the inner zipper for more space and superb sleeping comfort. Available with zipper on right or left.

SURVIVAL DOWN 1000

Survival down 1000

-40°C

Extreme: Comfort Limit: -20°C

Weight: 1.850g
Pack Size: 25x40 cm
Outer fabric: 100% Polyamide, Inner fabric: 100% Polyamide

WILDERNESS

Wilderness

-39°C

Comfort Limit: -18°C
Extreme: -39°C

Weight: 2.900g
Pack Size: 28x45 cm
Outer fabric: 100% Polyamide, Inner fabric: 100% Polyamide, Insulation: 100% Polyester

NSN (Olive): 8465-41-0000-2482
Weight: 2.900g
Pack Size: 28x45 cm
Outer fabric: 100% Polyamide, Inner fabric: 100% Polyamide
A top-class sleeping bag with all the advantages of a centre front zipper which has proved its worth time and again on countless expeditions. It is filled with high-quality 90/10 goose down with a guaranteed fill power of at least 600 cuin. H-chambers, differential cut and trapezoidal foot section with cross-baffles are proven quality construction features. Another important feature is the fully integrated pre-formed hood with draw cord that closes up to a very small breathing hole. It has a generous draft tube on the inside of the zipper to prevent any heat loss at the zipper. Additionally it has a protection flap on the outside to keep out wind and wetness. supplied in a cotton storage-bag together with compression bag.
This extremely soft and lightweight fleece sleeping bag uses the finest fibre currently available on the market. For ventilation, open the zipper at the bottom or open the bag up completely and use it as a blanket. Ideal for cabin use or as a liner inside a second sleeping bag making the main bag about 5°C (9°F) warmer. Trapezoidal foot section and draw cord on the hood.

LINER POLYCOTTON
To be attached into the sleeping bag or for use separately on hot nights.

Outer fabric: 50% Cotton, 50% Polyester

COMPRESSION BAG
With horizontal and vertical compression belts. Two sizes available.

Outer fabric: 100% Polyamide

NSN: 8465-41-0000-2516
Weight: 500g
Pack Size: 16x20 cm
Outer fabric: 100% Polyester

ACCESSORIES

WINDSTOPPER® BOOTIES
For when your feet need to rest.

Outer fabric: 100% Polyester
Inner fabric: 100% Polyamide
Insulation: 100% Polyester

®
A comfortable bivy bag with a tent pole arch in the head area (single pole supported). There is enough space at the head end for equipment that needs to be at hand day and night. The L-shaped access opening can be closed with 2 zippers. The specially designed storm flap ensures that the zippers are sealed to be absolutely waterproof. The 5 loops on the back of the Explorer Two keep the insulating mat in place.

**XP TWO PLUS**

The perfect sniper bivy bag with self-standing double pole support. Two tent poles form a small dome at the head end which provides enough space for the user to handle a rifle or other piece of equipment. The bivy bag slopes down from the shoulder to the foot end thus preventing straight lines which are easily spotted. The L-shaped opening makes it convenient to get in and out of the bag which can be closed with 2 zippers. All zippers are protected by a specially designed storm flap to make them absolutely waterproof. The big observation opening at the front allows an observation range of 180° and can be closed completely in bad weather. The user’s rifle and telescope can nevertheless still be placed in position through an observation slit. Both the observation opening and the access opening are fitted with a mosquito net. There are 5 loops on the back of the Observer to hold the insulating mat in place.

**OBERVER PLUS**

The perfect sniper bivy bag with self-standing double pole support. Two tent poles form a small dome at the head end which provides enough space for the user to handle a rifle or other piece of equipment. The bivy bag slopes down from the shoulder to the foot end thus preventing straight lines which are easily spotted. The L-shaped opening makes it convenient to get in and out of the bag which can be closed with 2 zippers. All zippers are protected by a specially designed storm flap to make them absolutely waterproof. The big observation opening at the front allows an observation range of 180° and can be closed completely in bad weather. The user’s rifle and telescope can nevertheless still be placed in position through an observation slit. Both the observation opening and the access opening are fitted with a mosquito net. There are 5 loops on the back of the Observer to hold the insulating mat in place.
This bivy bag has minimal stuff size and weight. It is mostly used for mountaineering or as part of survival packages. But it is also suitable for every soldier who wants to be protected from the elements. The outer shell is made of laminate, which is waterproof, wind-proof and vapour permeable.

**MICRO TENT PLUS**

One-man tunnel tent for special unit personnel. Two all-round zippers allow a middle part to be opened. The zippers are made waterproof by specially designed storm flaps. The integral mosquito net can be closed separately. Five loops on the back hold the insulating mat in place.

**COMBAT**

NSN: 8465-41-0000-2526
Weight: 680g
Pack Size: 32x8 cm

Outer fabric: 100% Polyamide
Inner fabric: 100% Polyamide
Insulation: Bi-Component membrane based on ePTFE

**INTEGRATED MOSQUITO NET**

**MICRO TENT PLUS**

NSN: 8465-41-0000-2527
Weight: 1.800g
Pack Size: 35x12 cm

Outer fabric: 100% Polyamide
Inner fabric: 100% Polyamide
Insulation: Bi-Component membrane based on ePTFE
The German Army’s new bivy bag. The practical center zipper is made waterproof by a double, specially designed storm flap. Generous mummy cut.

The SURVIVAL BIVY BAG is an extremely lightweight and small packing bivy bag. The bivy bag provides safety and total protection from the elements. The tent pole arch in the head area provides comfort and space for equipment that needs to be at hand day and night. Best weather protection, due to the well known properties of the GORE-TEX® laminates. These laminates are water-proof, wind-proof and vapour permeable.
The GORE-TEX® laminate for sleeping systems is GAS PERMEABLE

//Top Material:
All our Bivy Bags and Bivy Tents have the revolutionary gas permeable laminate as their top material. The material is absolutely waterproof, windproof and vapour permeable – the well-known properties of laminates. What’s new is that the new laminate is also gas permeable. That means that the Bivy Bag can be closed completely without having to keep a ventilation slit open for fresh air. The fresh air permeates through the material itself.

The benefits are obvious:

01. The warmed air stays inside the Bivy Bag resulting in a much better insulation effect. When the outside temperature is –10°C, for example, the air temperature inside the head area is +3°C.

02. In really bad weather and precipitation the Bivy Bag can be closed completely and remains absolutely waterproof.

//Bottom Material:
Highly water-proof and cold-flex durable laminate.

Does „Gas-Permeability“ work under extreme rain fall conditions?
Raintower testing of gas permeable, completely closed Bivy Bags - O2 concentration inside head area
**USED MATERIALS**

**Shellproof**
Lightweight Polyamid-rip-stop fabric with waterproof breathable hydrophilic polyurethane coating (100% PA + PU coating). The rip-stop construction consists of nearly 4000 microfine filaments per square centimeter. This complex construction and the hydrophilic PU-coating offers total wind- and water-proofing and maximum breathability. The precise arrangement of microscopically small pores allows perspiration to be transported from the inside to the outside. This keeps the body warm and dry in all conditions.

**Shelltrans**
Light, breathable & down-proof polyamide-rip-stop-fabric with (100% PA).
The rip-stop construction consists of nearly 4000 microfine filaments per square centimeter. The complex structure makes the fabric extremely wind-repellent while maintaining excellent moisture transporting capabilities. The water repellent treatment prevents moisture from penetrating from the outside. This keeps the body warm and dry in all conditions.

**Shelltex**
Down-proof Polyamid-rip-stop fabric (100% PA).

**Gore Windstopper®**
Wind and waterproof, breathable polyester fabric with ePTFE membrane (100% PES).
### Rain Suits

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### Rain Suit Trousers

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### Rain Suits

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