



CARINTHIA[®]

PROFESSIONAL

SLEEPING BAGS
INSULATION GARMENTS
RAIN PROTECTION
BIVY BAGS

Made in Europe

WWW.CARINTHIA.EU

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For 60 years Carinthia – a trademark of the Goldeck Textile Corporation – has devoted itself to insulation technology using both, natural as well as synthetic fibers for use in most 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. Following extensive testing, most European military forces opted for G-LOFT® insulation. 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 the benchmark.

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.



PREMIUM INSULATION TECHNOLOGY

Made in Europe

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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

Microfibrils and „Low-Melt-Fibers“ 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® fibers 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.





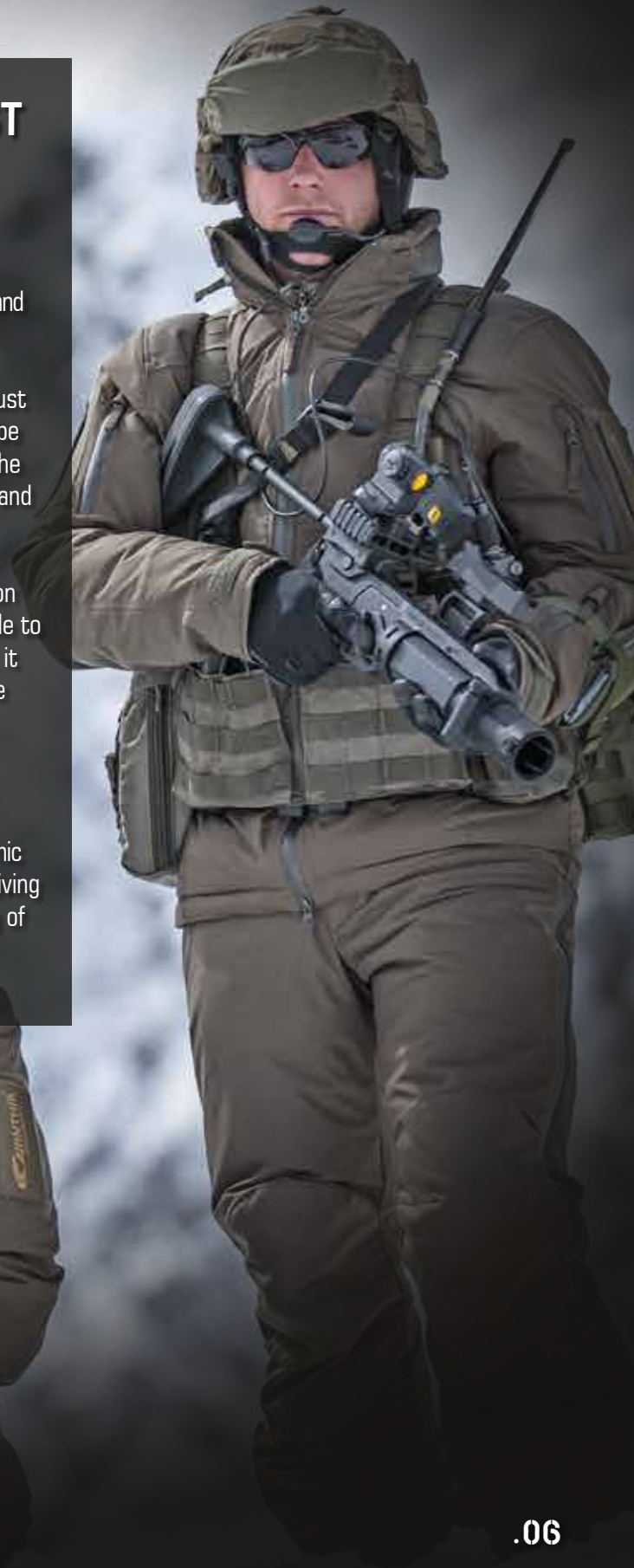
TOP PERFORMANCE WITH THE BEST MATERIALS

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.



G-LOFT ULTRA JACKET



AVAILABLE COLORS:



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 Si filling scores with a small pack size and an insensitivity to moisture.

FEATURES

- 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

MATERIAL

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



G-LOFT

ISG JACKET



AVAILABLE COLORS:



ISG stands for "Insulated Shell Garment". This multifunctional jacket emerged from the military special forces area. The combination of the softshell outer layer with the G-LOFT® insulation makes the ISG jacket a real "hybrid". The excellent heat storage capacity of the G-LOFT® fiber and the water-repellent, windproof and breathable properties of the 3-layer softshell outer layer gives this jacket its distinctive character.

FEATURES

- 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

MATERIAL

Insulation: G-LOFT® Si, 100% Polyester, Body 40g/m²
Outer Fabric: 3L Softshell, 100% Polyamide
Inner Fabric: 100% Polyamide
Pack Size: 14x25 cm (Size L)
Sizes: S-XXL
Weight: 750g (Size M)
Colors: Olive, Black





LIG 3.0

LIGHT INSULATION GARMENT



AVAILABLE COLORS:



The new LIG 3.0 series is the result of constant further development in the areas of insulation, functionality and design. The improved cut increases the wearing comfort and freedom of movement. The water-repellent outer material and the width adjustable collar (thermal fleece lining) ensure the appropriate weather resistance. The low weight in combination with the small pack size, makes the new LIG 3.0 Jacket a constant companion and provides optimal protection.

FEATURES

- Water repellent outer material
- Width adjustable collar with thermo fleece
- 2-way-front-zipp 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

FEATURES

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

MATERIAL

Insulation Jacket: G-LOFT® Si, Body 80g/m², Arms 80g/m², 100% Polyester
Insulation Trousers: G-LOFT® Si 80g/m², 100% Polyester
Outer fabric: Shelltex, 100% Polyamide
Inner fabric: Shelltex Ultra, 100% Polyamide
Sizes: S-XXL
Weight Jacket: 540g (Size M)
Weight Trousers: 480g (Size M)
Colors: Olive, Black, Urban grey



AVAILABLE COLORS:



STRUCTURE INSULATED GARMENTS



THERMOFLECT



INSULATION

LINING



WINDSTOPPER® made by Gore-Tex®
HIGH INSULATION GARMENTS

- Highly breathable
- Wind protection
- Protection of the insulation from humidity
- Durable



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

MIG 2.0

MEDIUM INSULATION GARMENT



GENUINE
CAM® PATTERN

HIG 2.0 TROUSERS

MATERIAL

Insulation Jacket: G-LOFT® Si, 100% Polyester, Body 125g/m², Sleeves 80g/m²
Insulation Trousers: G-LOFT® Si 125g/m², 100% Polyester
Outer Fabric: 100% Polyamide, ePTFE membrane, water repellent
Inner Fabric: 100% Polyamide
Sizes: S-XXL
Weight Jacket: 960g (Size L) | Weight Trousers: 710g (Size M)
Pack Size Jacket: 13x20 cm (Size L) | Pack Size Trousers: 18x31 cm
Color: Multicam®





MIG 3.0

MEDIUM INSULATION GARMENT



AVAILABLE COLORS:



The new MIG 3.0 JACKET is the result of cooperative development with different special units in the areas of insulation, functionality and design. Particular attention has been paid to the comfort in order to achieve optimal performance in the field. The Cordura reinforcement on shoulders and elbows provide the necessary robustness (backpack) and longevity of this multi-functional jacket. The water-repellent outer fabric and the padded, adjustable in 2 directions hood makes the jacket independently to weathering. The jacket has also been revised in the cuffs area (Velcro closure & wrist warmers).

FEATURES

- Lined hood, adjustable in 2 directions
- Ventilation system
- Waterproof 2-way front zipper with storm flap and chin guard
- 2 large outer zipp-pockets, lined with thermo fleece
- 2 inner mesh zipp-pockets
- 2 upper arm pockets with Velcro for attaching badges
- 1 small pocket on the left forearm
- Adjustable, elastic drawcord at hem
- Compression bag included

MATERIAL

Insulation: G-LOFT® Si, Body 125 g/m², Arms 80 g/m², 100% Polyester
Outer fabric: Gore Windstopper®, 100% Polyester, ePTFE Membrane, water repellent
Inner fabric: Shelltrans, 100% Polyamide
Sizes: S-XXL
Pack size: 15x28 cm
Weight: 890g (Size M)
Colors: Olive, Black, Urban grey





HIG 3.0

HIGH INSULATION GARMENT



The new HIG 3.0 series was created in cooperation with special forces. Particular attention has been paid to the optimal cut, robustness and in detail solutions. The Cordura reinforcement on shoulders and elbows provide the necessary robustness (backpack) and longevity of this multifunctional jacket. The water-repellent outer fabric and the adjustable in 3 directions hood that stows in the collar, makes the jacket independent to weathering. The HIG 3.0 trouser was also adapted and improved to the high demands in various fields of application. It has a new pre-shaped knee area (Cordura reinforcement), and a redesigned seam area at the bottom.

FEATURES

- In 3 directions adjustable hood, storable in collar
- Ventilation system & acces opening on sides
- Water repellent 2-Way-Front-Zipper with wind flap and chin guard
- 2 large outer zipp-pockets lined with termo fleece
- 1 Napoleon-Inner pocket
- 2 upper arm pockets with Velcro for attaching badges
- 1 small pocket on the left forearm
- Adjustable, elastic drawcord at hem
- Compression bag included

AVAILABLE COLORS:



FEATURES

- 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

AVAILABLE COLORS:



MATERIAL

Insulation Jacket: G-LOFT® Si, Body 145g/m², Arms 110g/m², 100% Polyester
 Insulation Trousers: G-LOFT® Si 125g/m², 100% Polyester
 Outer fabric: Gore Windstopper®, 100% Polyamide, ePTFE Membrane
 Inner fabric: Shelltrans, 100% Polyamide
 Sizes: S-XXL
 Pack size Jacket: 17x33 cm | Pack size Trousers: 18x31 cm
 Weight Jacket: 900g (Size M) | Weight Trousers: 710g (Size M)
 Colors: Olive, Black, Urban grey





ECIG 3.0 EXTREME COLD INSULATION GARMENT



The new polar proven ECIG 3.0 series classifies itself in the temperature range of -30°C. The water-repellent outer material in combination with the in 3 directions adjustable & detachable hood makes the jacket independent to weathering. The Cordura reinforcements in shoulders, elbows and seat area ensure the necessary robustness (backpack) and longevity of this multifunction jacket. In the waist area the multifunction jacket has a fixable snow-flap and an elastic waist band. The area around the cuffs has also been revised (Velcro closure & wrist warmers). The ECIG 3.0 Trousers have been revised accordingly and equipped with additional features (Cordura reinforcement, ergonomic pre-shaped knees).

FEATURES

- 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 zipp-pockets, lined with thermo fleece
- 1 outside Napoleon zipp-pocket
- 2 inner mesh zipp-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

FEATURES

- Elastic waistband with button closure
- Water repellent YKK® outer zippers
- 2-way full length dividable 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

MATERIAL

Insulation Jacket: G-LOFT® Si, Body 220g/m², Arms 145g/m², 100% Polyester
Insulation Trousers: G-LOFT® Si 145g/m², 100% Polyester
Outer fabric: Gore Windstopper®, 100% Polyester, ePTFE Membrane
Inner fabric: Shelltrans, 100% Polyamide
Sizes: S-XXL
Pack size Jacket: 22x40 cm | Pack size Trousers: 18x31 cm,
Weight Jacket: 1.500g (Size M) | Weight Trousers 920g (Size M)
Color: Olive



G-LOFT

REVERSIBLE SUIT



FEATURES

- 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

FEATURES

- 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

MATERIAL

Insulation: G-LOFT® Si 145g/m², 100% Polyester
Out-In-Side Fabric: 100% Polyamide
Pack Size: 12x18 cm (Size L)
Sizes: S-XXL
Weight Jacket: 700g (Size L)
Weight Trousers: 690g (Size L)
Colors: Olive/Sand





RAIN

SUITS

TRG TACTICAL RAIN GARMENT



Rain protection in the high-end range. Both jacket and trousers offer a variety of customization options. Windproof and water repellent while also breathable. Body moisture is transported through the special breathable outer membrane and ensures a pleasant body climate. Also available in Multicam®.

FEATURES

- 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
- 2 Napoleon pockets
- Zip-ventilation/access opening on sides
- 1 large pocket on the backside
- 2 upper arm pockets with Velcro for attaching badges
- Ergonomic pre-curved sleeves with Velcro Adjustment
- Width-adjustable wind protection, with anti-slip silicone and snap closure
- Adjustable elastic drawcord at hem
- Compression bag included
- Machine washable

FEATURES

- 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 preshaped knees
- Reinforced inner leg area
- Width adjustable hem with Velcro adjustment
- Optional adjustable suspenders
- Compression bag included
- Machine washable



MATERIAL

Outer fabric: 100% Polyamide, water repellent, windproof, breathable
 Membrane: Bi-component based on ePTFE - Olive
 Membrane: Topaz PTFE, DUO component – Multicam®
 Sizes: S-XXL
 Weight Jacket: 750g (Olive), 960g (Multicam)
 Weight Trousers: 520g (Olive), 500g (Multicam)
 Colors: Olive, Multicam

PRG PROFESSIONAL RAIN GARMENT



AVAILABLE COLORS:



Professional high quality rain protection. Water repellent, windproof, while also breathable. The hood and the hip can be adjusted easily through the outside pockets. For additional ventilation the jacket provides underarm vents.

FEATURES

- 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
- Ergonomic pre-curved sleeves with Velcro adjustment
- Adjustable elastic drawcord at hem
- Compression bag included
- Machine washable

FEATURES

- 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 preshaped knees
- Reinforced inner leg area
- Width adjustable hem with Velcro adjustment
- Optional adjustable suspenders
- Compression bag included
- Machine washable

MATERIAL

Outer fabric: 100% Polyamide, water repellent, windproof, breathable
Membrane: Bi-component based on ePTFE
Sizes: S-XXL
Weight Jacket: 580g
Weight Trousers: 510g
Colors: Olive, Black

AVAILABLE COLORS:





SURVIVAL RAIN SUIT



Small, light and versatile. Thanks to the small pack size the Survival Rain Suit can easily be stowed away, making it the indispensable companion for those who have to take into consideration every gram of equipment. Jacket and trousers are of course water repellent and windproof. The breathable GORE-TEX® outer membrane ensures the moisture transport away from the body.

FEATURES

- 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

FEATURES

- 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

MATERIAL

Outer fabric: 100% Polyamide, water repellent, windproof, breathable
Membrane: Bi-component based on ePTFE
Sizes: One Size
Weight Jacket: 265g
Weight Trousers: 200g
Color: Olive







LAW

ENFORCEMENT

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.

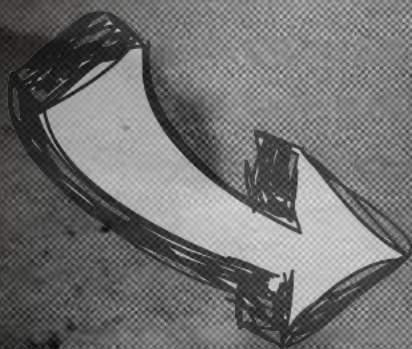
An unprotected officer can quickly become another casualty of cold when not correctly insulated. G-LOFT®, with its unmatched insulation properties and excellent compression, gives officers premium protection that should be part of any uniform.



G-LOFT ULTRA JACKET



G-LOFT ISG JACKET



LIG 3.0 JACKET



LIG VEST



LIG 3.0 TROUSERS



MIG 3.0 JACKET



HIG 3.0 JACKET



HIG 3.0 LE JACKET



HIG 3.0 TROUSERS



MILITARY **SLEEPING SYSTEMS**

PICTOGRAMS



MUMMY SHAPE

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.



SINGLE-LAYER NOT QUILTED WITH SHELL

In this lightweight design, the outer shell is loosely attached to the bag. The G-LOFT® Si 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.



DOUBLE-LAYER SANDWICH CONSTRUCTION WITH LOOSE SHELL

Two G-LOFT® insulation layers are arranged in such a way that the quilting is offset to avoid cold bridges. The shell is attached afterwards, creating a further layer of air between the quilted insulation and the shell. With no stitch perforations in the shell, it is relatively water and airtight.



TRIPLE-LAYER SANDWICH CONSTRUCTION WITH LOOSE SHELL

Three G-LOFT® insulation layers are arranged in such a way that the quilting is offset to avoid cold bridges. The shell is attached afterwards, creating a further layer of air between the quilted insulation and the shell. With no stitch perforations in the shell, it is relatively water and airtight.



DIFFERENTIAL CUT

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.



NECK BAFFLE

Insulated tube that prevents heat loss from around your shoulders and neck.



THERMOFLECT

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



TWO WAY ZIPPER

All Carinthia military sleeping bags are equipped with a two way zipper. The glider on the top does not snag, allowing a quick step out if necessary (in case of alert for example). The glider on the down side does stick and can be opened for ventilation.



TRAPEZOIDAL FOOT SECTION

Experience 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.



ZIPPER BAFFLE

Insulated tube sewn on the inside of the zipper to prevent heat loss through the zipper.



COMBINABLE SLEEPING BAG SYSTEM

Some of our sleeping bags can be combined to a sleeping bag system. Such a system can be used as a 4 Season Sleeping Bag and allows you to carry only the weight and the bulk necessary for the prevailing temperatures.



MOSQUITO NET



G-LOFT® Si FILLING

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.



DOWN FILLING

TROPEN



DESCRIPTION

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.



2-WAY-ZIPPER



INTEGRATED MOSQUITO NET



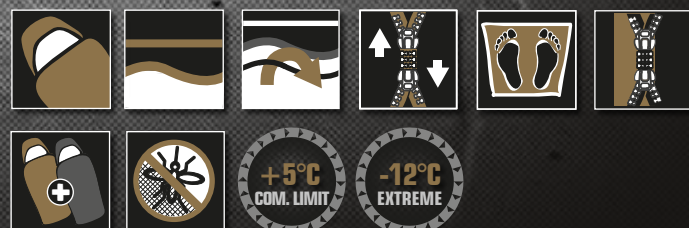
HEAD AREA - MOSQUITO NET



INSIDE

Size: 185 (Medium)
NSN (Olive): 8465-41-0000-1615
Length: 220 cm
Shoulder Width: 85 cm
Footed Width: 60 cm
Weight: 1.100g
Pack Size: 18x25 cm
Color: Olive

Size: 200 (Large)
NSN (Olive): 8465-41-0000-1612
Length: 235 cm
Shoulder Width: 87 cm
Footed Width: 65 cm
Weight: 1.300g
Pack Size: 18x28 cm
Color: Olive



MATERIAL

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



DEFENCE 4



DESCRIPTION

The DEFENCE 4 is the most popular and best-selling allround 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 zipper baffle on the inside of the zipper to prevent heat loss at the zipper.

Size: 185 (Medium)
NSN: 8465-41-0000-1604
Length: 215 cm
Shoulder Width: 83 cm
Foot End Width: 57 cm
Weight: 1.850g
Pack Size: 23x38 cm

Size: 200 (Large)
NSN: 8465-41-0000-1606
Length: 230 cm
Shoulder Width: 87 cm
Foot End Width: 60 cm
Weight: 2.000g
Pack Size: 25x38 cm



ZIPPER WITH PROTECTION FLAP



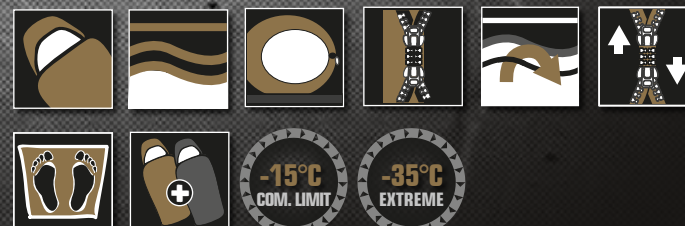
TRAPEZOIDAL FOOT SECTION



CENTER ZIPPER



INSIDE



MATERIAL

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



SLEEPING BAG SYSTEM (TROPEN + DEFENCE 4)



DESCRIPTION

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 center-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.

Size: 185 (Medium)
NSN: 8465-41-0000-2416
Weight: 2.950g
Pack Size: 25x45 cm

Size: 200 (Large)
NSN: 8465-41-0000-2417
Weight: 3.300g
Pack Size: 27x45 cm

MATERIAL

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



COMBINABLE SLEEPING BAG SYSTEM



DEFENCE 6



DESCRIPTION

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 zipper baffle 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.

Size: 200 (Large)
NSN: 8465-41-0000-2419
Length: 230 cm
Shoulder Width: 87 cm
Foot End Width: 60 cm
Weight: 2.600g
Pack Size: 25x45 cm

MATERIAL

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



FACE OPENING



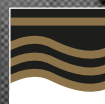
ZIPPER Baffle



PROTECTION FLAP



CENTER ZIPPER



DEFENCE 1 TOP



DESCRIPTION

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.

Size: 185 (Medium)
NSN: 8465-41-0000-2420
Length: 215 cm
Shoulder Width: 85 cm
Foot End Width: 60 cm
Weight: 1.050g
Pack Size: 18x25 cm

Size: 200 (Large)
NSN: 8465-41-0000-2422
Length: 230 cm
Shoulder Width: 87 cm
Foot End Width: 65 cm
Weight: 1.200g
Pack Size: 18x28 cm



ZIPPER PROTECTION FLAP



CENTER ZIPPER



INSIDE



NON-SNAGGING ZIPPER



MATERIAL

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



EAGLE

DESCRIPTION

The EAGLE is the right sleeping bag wherever minimum stuff size and maximum temperature range is required. The G-LOFT® Si hollow fibre provides a comfort range of 10°C.

The minimal weight and stuff size also makes this sleeping bag an excellent choice when deciding on your survival equipment.

Size: 200 (Large)
NSN: 8465-41-0000-2428
Length: 225 cm
Shoulder Width: 80 cm
Foot End Width: 58 cm
Weight: 900g
Pack Size: 16x21 cm

MATERIAL

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



SIDE ZIPPER



HEAD AREA



INSIDE



VELCRO FLAP



BRENTA



DESCRIPTION

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 remains warm. With scalloped hood, neck baffle, 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.



INSIDE



OUTSIDE POCKET



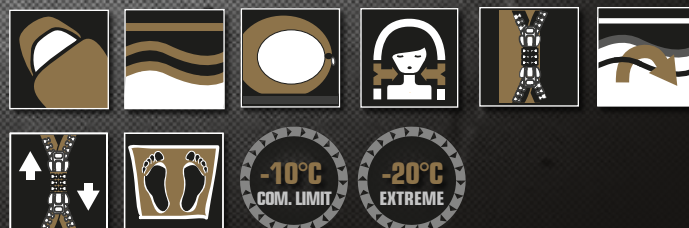
NECK BAFFLE



HEAD AREA - FLAP

Size: 185 (Medium)
NSN: 8465-41-0000-2416
Length: 220 cm
Shoulder Width: 85 cm
Foot End Width: 60 cm
Weight: 1.920g
Pack Size: 23x30 cm

Size: 200 (Large)
NSN: 8465-41-0000-2417
Length: 235 cm
Shoulder Width: 85 cm
Foot End Width: 60 cm
Weight: 1.950g
Pack Size: 23x32 cm



MATERIAL

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



SURVIVAL LINE

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

DESCRIPTION

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. An Anti-snap-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.

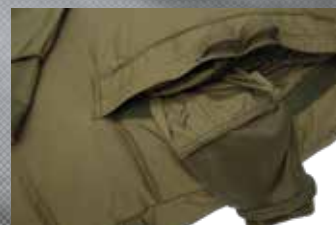
Size: 200 (Large)
NSN: 8465-41-0000-2481
Length: 230 cm
Shoulder Width: 87 cm
Foot End Width: 60 cm
Weight: 2.900g
Pack Size: 27x45 cm

MATERIAL

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



CENTER ZIPPER



INTEGRATED SLEEVES



NECK BAFFLE



INSIDE



SURVIVAL DOWN 1000



DESCRIPTION

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.



INTEGRATED SLEEVES

Size: 200 (Large)
NSN (Olive): 8465-41-0000-2482
Length: 225 cm
Shoulder Width: 85 cm
Foot End Width: 60 cm
Weight: 1.850g
Pack Size: 25x40 cm

MATERIAL

Outer fabric: 100% Polyamide
Inner fabric: 100% Polyamide



WILDERNESS



DESCRIPTION

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.

Size: 200 (Large)
Length: 235 cm
Shoulder Width: 85 cm
Foot End Width: 60 cm
Weight: 2.900g
Pack Size: 28x45 cm

MATERIAL

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



INTEGRATED SLEEVES



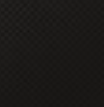
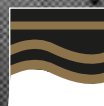
PARALLEL SIDE ZIPPERS



NECK BAFFLE



HEAD AREA



XP DOWN 1000



DESCRIPTION

A top-class sleeping bag with all the advantages of a center 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 700 cuin. H-chambers, differential cut and trapezoidal food 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 zipper baffle 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.

Size: 185 (Medium)
NSN: 8465-41-0000-2513
Length: 210 cm
Shoulder Width: 83 cm
Foot End Width: 52 cm
Weight: 1.700g
Pack Size: 25x30 cm

Size: 200 (Large)
NSN: 8465-41-0000-2514
Length: 225 cm
Shoulder Width: 83 cm
Foot End Width: 52 cm
Weight: 1.800g
Pack Size: 25x30 cm



FACE OPENING



PROTECTION FLAP



ZIPPER BAFFLE



TWO WAY ZIPPER



MATERIAL

Outer fabric: 100% Polyamide
Inner fabric: 100% Polyamide



GRIZZLY

DESCRIPTION

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.

ON REQUEST

ORIGINAL SWEDISH ARMY

Sleeping bag system, consisting of:
1 Summer sleeping bag as outer bag
1 3-Seasons sleeping bag as inner bag
1 Compression bag



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

ORIGINAL SWISS ARMY

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



ORIGINAL FINISH ARMY

Sleeping bag with liner and compression bag
Outer fabric: 100% Polyamide
Inner fabric: 100% Polyamide
Insulation: 100% Polyester



ORIGINAL BELGIAN ARMY

Sleeping bag with liner and compression bag
Outer fabric: 100% Polyamide
Inner fabric: 100% Polyamide
Insulation: 100% Polyester



ACCESSORIES

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



WINDSTOPPER® BOOTIES

For when your feet need to rest.
Outer fabric: 100% Polyester
Inner fabric: 100% Polyamide
Insulation: 100% Polyester





BIVY BAGS

FOR PROFESSIONALS

XP TWO PLUS



DESCRIPTION

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 XP Two keep the insulating mat in place.

NSN: 8465-41-0000-2525

Length: 250 cm

Shoulder Width: 104 cm

Foot End Width: 76 cm

Weight: 1.250g

Pack Size: 35x10 cm



TOP VIEW



INTEGRATED MOSQUITO NET



INTEGRATED MOSQUITO NET



LOOPS FOR INSULATING MAT

MATERIAL

3 Layer Gore-Tex® Laminate

Outer Layer: 100% PA 6.6

Functional Layer: ePTFE based membrane

Backing Fabric: 100% PA 6.6



OBSERVER PLUS



DESCRIPTION

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.

NSN: 8465-41-0000-2388

Length: 240 cm

Shoulder Width: 104 cm

Foot End Width: 75 cm

Weight: 1.750g

Pack Size: 35x12 cm

MATERIAL

3 Layer Gore-Tex® Laminate

Outer Layer: 100% PA 6.6

Functional Layer: ePTFE based membrane

Backing Fabric: 100% PA 6.6



DOUBLE POLE SUPPORT



FRONT OPENING (MOSQUITO NET)



INTEGRATED MOSQUITO NET



TOP VIEW

COMBAT



DESCRIPTION

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.

NSN: 8465-41-0000-2526

Length: 250 cm

Shoulder Width: 95 cm

Foot End Width: 53 cm

Weight: 680g

Pack Size: 32x8 cm



BUTTON CLOSURE



INTEGRATED MOSQUITO NET



INTEGRATED MOSQUITO NET



MOSQUITO NET ZIPPER

MATERIAL

3 Layer Gore-Tex® Laminate

Outer Layer: 100% PA 6.6

Functional Layer: ePTFE based membrane

Backing Fabric: 100% PA 6.6



MICRO TENT PLUS



DESCRIPTION

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 integrated mosquito net can be closed separately. Five loops on the back hold the insulating mat in place.

NSN: 8465-41-0000-2527

Length: 270 cm

Shoulder Width: 75 cm

Foot End Width: 75 cm

Weight: 1.800g

Pack Size: 35x12 cm



FIXATION LOOPS



DOUBLE POLE SUPPORT



ALL-ROUND ZIPPERS



INTEGRATED MOSQUITO NET

MATERIAL

3 Layer Gore-Tex® Laminate

Outer Layer: 100% PA 6.6

Functional Layer: ePTFE based membrane

Backing Fabric: 100% PA 6.6



SURVIVAL BIVY BAG

DESCRIPTION

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.

NSN: 8465-41-0000-2530

Length: 240 cm

Shoulder Width: 104 cm

Foot End Width: 76 cm

Weight: 1.100g

Pack Size: 33x10 cm

MATERIAL

3 Layer Gore-Tex® Laminate
Outer Layer: 100% PA 6.6
Functional Layer: ePTFE based membrane
Backing Fabric: 100% PA 6.6



SINGLE POLE SUPPORT



TOP VIEW



INTEGRATED MOSQUITO NET



MOSQUITO NET FIXATION

SLEEPING BAG COVER

DESCRIPTION

The German Army's bivy bag. The practical center zipper is made waterproof by a double, specially designed storm flap. Generous mummy cut.

NSN: 8465-41-0000-2532
Length: 245 cm
Shoulder Width: 100 cm
Foot End Width: 72 cm
Weight: 1.000g
Pack Size: 35x8 cm



MIDDLE ZIP



INSIDE



STORM FLAP



WATERPROOF STORM FLAP

MATERIAL

3 Layer Gore-Tex® Laminate
Outer Layer: 100% PA 6.6
Functional Layer: ePTFE based membrane
Backing Fabric: 100% PA 6.6



BIVY BAGS



CARINTHIA BIVY BAGS WITH GORE-TEX® GAS PERMEABLE TECHNOLOGY

O₂ AND CO₂ PERMEABLE

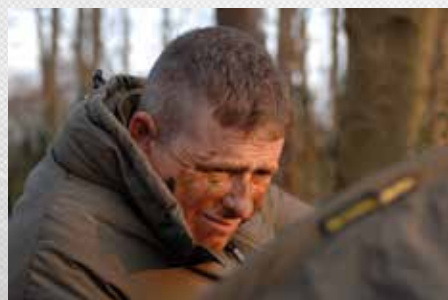
The CARINTHIA Bivy Bag Systems with Gore-Tex® Gas Permeable Technology is a waterproof and windproof multifunctional cover with perfect properties for all military activity in wet terrain and in rain. Its unique GORE-TEX® laminate is not only extremely breathable, but also permeable to oxygen and carbon dioxide in the ambient air. This means it is possible to create a completely closed waterproof and windproof environment for sleeping within adverse weather conditions. Air permeability of the system has been tested to a depth of 1 m of snow.

LESS WEIGHT AND VOLUME, MORE FLEXIBILITY

GORE-TEX® laminate for sleep systems is designed to be light weight and packable. To achieve the best balance of durability and light weight a combination of materials can be used with a lighter weight gas permeable fabric for the top cover, and a robust laminate for the ground sheet. This gives the best balance of weight, durability and protection. CARINTHIA Bivy Bag Systems are versatile and in addition to being used as a bivy/small tent, they can also be used as observation posts, emergency stretcher, portable waterproof store or as a waterproof bag for river crossing (see picture).

PROTECTION AGAINST COLD AND WET

CARINTHIA Bivy Bag Systems with Gore-Tex® Gas Permeable Technology demonstrate excellent insulation properties and to the soldier they mean additional protection against the cold, especially when closed. The condensation of moisture vapour on the inside is reduced and any condensation water that occurs is quickly transported to the outside.



USED MATERIALS

Shellproof

Lightweight Polyamid-rip-stop fabric with high water resistance. The rip-stop construction consists of nearly 4000 microfine filaments per square centimeter. This complex construction and its properties offer best wind- and water-resistance. This allows perspiration to be transported from the inside to the outside and keeps the body warm and dry in all conditions.



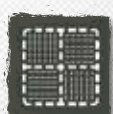
Lightweight



Small packing volume



Extremely wind repellent



Rip-stop construction



Highly tear resistant



Excellent strength to weight ratio

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.



Lightweight



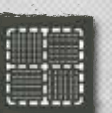
Small packing volume



Highly breathable



Wind proof



Rip-stop construction



Highly tear resistant



Excellent strength to weight ratio



Water proof

Shelltex

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

Gore Windstopper®

Wind and waterproof, breathable polyester fabric with ePTFE membrane (100% PES).



CARINTHIA
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