



CARINTHIA[®]

EUROPEAN COLD
GEAR SPECIALISTS

**MILITARY
SLEEPING SYSTEMS &
COLD WEATHER
CLOTHING**

www.military-sleeping-bags.com

G-LOFT: BEST PERFORMANCE EVEN UNDER THE MOST EXTREME CLIMATIC CONDITIONS.



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 fibres 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.

3 TIMES MORE INNOVATIVE



1. Moecular Spiral Crimp

The G-LOFT-fiber® is a bicomponent fibre which is spun from 2 different sorts of raw esters. One half of the fibre has higher shrinking properties after the spinning process. In this way a 3 dimensional spring like crimp is achieved. Through this special process the crimp in the fiber is programmed at the molecular lever producing a memory effect.



2. Premium Hollow Fiber

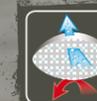
The fiber has a micrometer wide hollow running all the way through it. Since air is a bad conductor, the fiber has the same effect as a thermos flask, where the warmth is insulated by an air chamber.



3. Unique Cluster Formation

The G-LOFT-fiber® are distributed totally at random. This makes the G-LOFT insulation resilient and soft from all sides. The fibers clump within the insulation forming so-called clusters. In this way the air forms a pillow and increases the insulation capabilities, similar to a high quality down filling.

3 TIMES BETTER



1. Perfect personal climate control

Due to the unique structure of G-LOFT-climate-hollow-fibers humidity can escape. Warm air however is trapped. The G-LOFT-fiber® themselves do not absorb moisture and provide for perfect personal climate control. The uncomfortable sweating, caused by an accumulation of heat and moisture is now a thing of the past.



2. The Finest Fiber

The weight of the individual fibers is much less, allowing more fibers per gram. The G-LOFT-fiber® is lighter than conventional fibers and keeps you warm and dry.



3. Maximum Compression

The G-LOFT-fiber® offers a matchless compressibility. It guarantees an optimal heat capacity over pack size ratio due to its light weight. The molecular level crimp structure ensures immediate optimal loft, even after longer periods of compression. For this reason G-LOFT insulation is also called Memory-insulation.

G-LOFT® INSULATION GARMENTS

Top performance with the best materials

A soldier's activity profile is characterized by the alternation between highly intensive operational phases and long stand-by periods. While the soldier usually does not need any protection against the cold during the active operational phase, he relies all the more on it during resting periods.

Our lightweight, thermal protection system was therefore developed also for the backpack: once packed, it takes up extremely little space and can be stowed away easily. After unpacking, however, it provides efficient insulation against the cold and the wind immediately.

The WINDSTOPPER® fabric protects you from windchill by blocking the wind, and is also highly breathable. Combined with the G-LOFT® Insulation it keeps you dry and comfortable and releases 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 underneath the GORE-TEX® weather protection jacket. The ergonomic cut and the soft G-LOFT® insulation allow unrestricted mobility, giving WINDSTOPPER® high insulation garments the pleasant feeling of lightweight wear.



LIG - LIGHT INSULATION GARMENTS

LIG-JACKET & VEST



Features G•LOFT Jacket & Vest

- two way front zipper
- all outside zippers are water-repellent
- two large front pockets and one inner pocket
- elastic cuffs
- elastic draw-cord on the waist line
- comes with compression bag
- machine-washable



LIG-TROUSERS

Features G•LOFT Trousers

- two way side zippers up to the waist
- adjustable foot-end
- comes with compression bag
- machine-washable



TEMPERATURE RANGE
Comfort Temperatures - 5° C
(EN 342)

LIG	G•LOFT Jacket	G•LOFT Trousers	G•LOFT Vest
Sizes	S to XXL	S to XXL	S to XXL
Weight	540 g (Size L)	520 g (Size L)	440 g (Size L)
Outside Fabric	100 % Polyamide	100 % Polyamide	100 % Polyamide
G•LOFT Insulation	80 g/m ²	80 g/m ²	80 g/m ²
Lining	100 % Polyamide	100 % Polyamide	100 % Polyamide
Colour	Olive / Coyote / Black	Olive / Coyote / Black	Olive / Coyote / Black

MIG - MEDIUM INSULATION GARMENTS

MIG 2.0-JACKET

Features G•LOFT Jacket

- fixed lined hood with elastic draw-cords, adjustable in two directions
- two way front zipper
- all outside zippers are water-repellent
- elastic cuffs
- two spacious lined insulated front pockets and one inner pocket
- two pockets on the upper sleeves with a velcro fastener for insignia
- one pocket on the lower sleeve
- arm pit zips for ventilation
- elastic draw-cord on the waist line
- comes with compression bag
- machine-washable



TEMPERATURE RANGE
Comfort Temperatures - 15° C
(EN 342)

MIG 2.0	G•LOFT Jacket
Sizes	S to XXL
Weight	990 g (Size L)
Outside Fabric	Windstopper®
G•LOFT Insulation	Body 125 g/m ² Sleeve 80 g/m ²
Lining	100 % Polyamide
Colour	Olive / Coyote / Black

HIG - HIGH INSULATION GARMENTS

ECIG - EXTREME COLD INSULATION GARMENTS

HIG 2.0 - JACKET

Features G•LOFT Jacket

- integrated lined hood with elastic draw-cords, adjustable in three directions – can be stored away in the collar
- two way front zipper
- all outside zippers are water-repellent
- elastic cuffs
- two large insulated front pockets and one inner napoleon pocket
- two pockets on the upper sleeves with a velcro fastener for insignia
- one pocket on the lower sleeve
- arm pit zips for ventilation
- elastic draw-cord on the waist line
- comes with compression bag
- machine-washable



ECIG - JACKET

Features G•LOFT Jacket

- detachable insulated hood with elastic draw-cords, adjustable in three directions
- two way front zipper
- elastic cuffs
- two large insulated front pockets
- outside napoleon-pocket and two large inner-pockets
- two pockets on the upper sleeves with a velcro fastener for insignia
- one pocket on the lower sleeve
- large tunnel pocket on the back
- arm pit zips for ventilation
- snow-flap
- elastic draw-cord on the waist line
- comes with compression bag
- machine-washable



HIG 2.0 - TROUSERS

Features G•LOFT Trousers

- two way side zippers up to the waist
- adjustable suspender
- all outside zippers are water-repellent
- large back pocket
- ergonomic knee shape
- elastic draw-cord on the foot-end
- comes with compression bag
- machine-washable



TEMPERATURE RANGE

Comfort Temperatures - 20° C
(EN 342)

HIG 2.0	G•LOFT Jacket	G•LOFT Trousers
Sizes	S to XXL	S to XXL
Weight	1050 g (Size L)	890 g (Size L)
Outside Fabric	Windstopper®	Windstopper®
G•LOFT Insulation	Body 145g/m ² Sleeve 110g/m ²	125 g/m ²
Lining	100 % Polyamide	100 % Polyamide
Colour	Olive / Coyote / Black	Olive / Coyote / Black

ECIG - TROUSERS

Features G•LOFT Trousers

- full length two way dividable side zippers
- adjustable holster- suspender
- kidney protection
- large back pocket
- ergonomic knee shape
- elastic draw-cord on the foot-end
- outside-zipper baffle for the side zippers
- comes with compression bag
- machine-washable



TEMPERATURE RANGE

Comfort Temperatures - 30° C
(EN 342)

ECIG	G•LOFT Jacket	G•LOFT Trousers
Sizes	S to XXL	S to XXL
Weight	1600 g (Size L)	950 g (Size L)
Outside Fabric	Windstopper®	Windstopper®
G•LOFT Insulation	Body 220 g/m ² Sleeve 145 g/m ²	145 g/m ²
Lining	100 % Polyamide	100 % Polyamide
Colour	Olive	Olive



G•LOFT REVERSIBLE SUIT

G•LOFT-JACKET

Features G•LOFT Reversible Suit

- extremely lightweight due to its thermal efficiency
- soft and downy to the touch
- retains full insulating power even when wet
- does not absorb humidity
- allows moisture to escape
- machine washable
- excellent ability to regain loft after several compressions
- anti-allergenic, anti bacterial

All this and the minimum weight and stuff size makes this Thermal Wear second to none!



G•LOFT-TROUSERS



TEMPERATURE RANGE
Comfort Temperatures - 15° C
(EN 342)

G•LOFT	G•LOFT Jacket	G•LOFT Trousers
Sizes	S to XXL	S to XXL
Weight	700 g (Size L)	690 g (Size L)
Out-In-side Fabric	100 % Polyamide	100 % Polyamide
G•LOFT Insulation	145 g/m ²	145 g/m ²
Out-In-side Fabric	100 % Polyamide	100 % Polyamide
Colour	Olive / Sand	Olive / Sand



STRUCTURE MIG/HIG



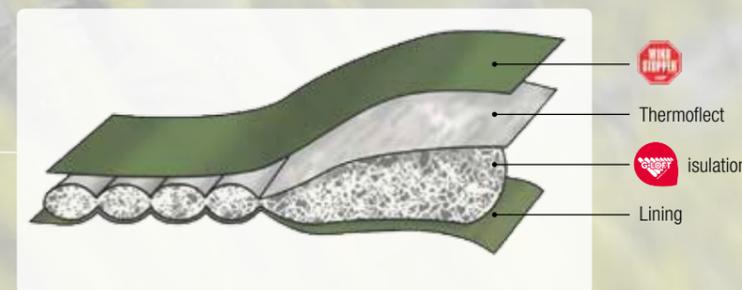
WINDSTOPPER® high insulation garmets

- unlimited breathability
- wind protection
- protection of the
- insulation from humidity
- durable



insulated by G•LOFT® the memory insulation

- high insulating
- minimum packing volume
- light weight
- efficient insulation right after unpacking
- durable insulation – remains effective after frequent washing





LAW ENFORCEMENT

**G•LOFT Insulation Garments –
Developed for challenging conditions**
For police on point duties and patrol, 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, give officers premium protection that should be part of any uniform.



LIG - G•LOFT JACKET

LIG - G•LOFT VEST

LIG - G•LOFT TROUSERS

MIG - G•LOFT JACKET

HIG - G•LOFT JACKET

HIG - G•LOFT TROUSERS

MILITARY SLEEPING SYSTEMS



G-LOFT Plus 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.



DIFFERENTIAL CUT

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

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.



THE 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. There is also enough room to store a shoe bag or extra clothing.



THE MUMMY SHAPE

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.



SINGLE-LAYER NOT QUILTED WITH SHELL

In this lightweight design, the outer shell is loosely attached to the bag. The G-LOFT Plus 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 Plus insulation layers are arranged in such a way that the quilting is offset. 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

The three G-LOFT Plus insulation layers have offset quilting. The shell is not quilted with the filling, but attached later. This provides an air cushion between the insulation and the shell. With no stitch perforations in the shell, it is relatively water and airtight.



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.



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



DOWN FILLING

TROPEN



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 (it 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.

TROPEN	Size 185	Size 200
NSN (Colour Olive)	8465-41-0000-1615	8465-41-0000-1612
Weight	1100 g	1300 g
Stuff size compressed	18 x 25 cm	18 x 28 cm

TEMPERATURE RANGE	
Comfort lim.	+ 5° C
Extreme	- 12° C



DEFENCE 4



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, three-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.

DEFENCE 4	Size 185	Size 200
NSN	8465-41-0000-1604	8465-41-0000-1606
Weight	1850 g	2000 g
Stuff size compressed	23 x 38 cm	25 x 38 cm

TEMPERATURE RANGE	
Comfort lim.	- 15° C
Extreme	- 38° C



SLEEPING BAG SYSTEM (TROPEN + DEFENCE 4)



The **SYSTEM** consists of the two sleeping bags described above. 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.

SLEEPING BAG SYSTEM	Size 185	Size 200
NSN	8465-41-0000-2416	8465-41-0000-2417
Weight	2950 g	3300 g
Stuff size compressed	25 x 45 cm	27 x 45 cm

TEMPERATURE RANGE	
Comfort lim.	- 35° C
Extreme	- 45° C

DEFENCE 6



DEFENCE 6: 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 at the zipper. Additionally it has a protection flap on the outside to keep out wind and wetness.

DEFENCE 6	
NSN	8465-41-0000-2419
Weight	2600 g
Stuff size compressed	25 x 45 cm

TEMPERATURE RANGE	
Comfort lim.	- 25° C
Extreme	- 35° C



EAGLE



The EAGLE bag is the right sleeping bag wherever minimum stuff size and maximum temperature range is required. The GLT 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.

EAGLE	
NSN (Colour Olive)	8465-41-0000-2428
Weight	900 g
Stuff size compressed	16 x 21 cm

TEMPERATURE RANGE	
Comfort lim.	+ 10° C
Extreme	- 5° C



DEFENCE 1 TOP



The DEFENCE 1 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.

DEFENCE 1 TOP	Size 185	Size 200
NSN	8465-41-0000-2420	8465-41-0000-2422
Weight	1050 g	1200 g
Stuff size compressed	18 x 25 cm	18 x 28 cm

TEMPERATURE RANGE	
Comfort lim.	+ 3° C
Extreme	- 12° C



BRENTA



The model BRENTA 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	Medium	Large
Weight	1850 g	1950 g
Stuff size compressed	23 x 30 cm	23 x 32 cm

TEMPERATURE RANGE	
Comfort lim.	- 10° C
Extreme	- 20° C



SURVIVAL LINE

SURVIVAL LINE: This bag was designed for the special needs of the army, with special 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 DOWN 1000



Mosquito net

SURVIVAL DOWN 1000: 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.

SURVIVAL DOWN 1000	
NSN	8465-41-0000-2482
Weight	1850 g
Stuff size compressed	25 x 40 cm

TEMPERATURE RANGE	
Comfort lim.	- 30° C
Extreme	- 45° C



SURVIVAL ONE



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-sag 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	2900 g
Stuff size compressed	27 x 45 cm

TEMPERATURE RANGE	
Comfort lim.	- 25° C
Extreme	- 35° C



WILDERNESS



WILDERNESS: 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.

WILDERNESS	
Weight	2900 g
Stuff size compressed	28 x 45 cm

TEMPERATURE RANGE	
Comfort lim.	- 27° C
Extreme	- 37° C



EXPLORER DOWN 1000



EXPLORER DOWN 1000: 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.

EXPLORER DOWN 1000	Medium	Large
NSN	8465-41-0000-2513	8465-41-0000-2514
Weight	1700 g	1800 g
Stuff size compressed	25 x 30 cm	25 x 30 cm

TEMPERATURE RANGE	
Comfort lim.	- 30° C
Extreme	- 38° C



GRIZZLY



GRIZZLY: 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.

GRIZZLY	
NSN	8465-41-0000-2516
Weight	500 g
Stuff size compressed	16 x 20 cm

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



INNER BAG
+
OUTER BAG



ORIGINAL SWISS ARMY:

Sleeping bag with compression bag.



ORIGINAL BELGIAN ARMY:

Sleeping bag with liner and compression bag.



ORIGINAL FINNISH ARMY:

Sleeping bag with liner and compression bag.



ACCESSORIES

LINER POLYCOTTON

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



WIND- STOPPER BOOTIES

WINDSTOPPER BOOTIES:
For when your feet need to rest.



COMPRESSION BAG

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





RAIN SUITS



SALINA RAIN SUIT



SALINA RAIN SUIT:
It is a fact that the sun does not always shine when you are on military manoeuvres. You need a rain suit that keeps you dry and comfortable in any bad weather conditions. Salina Rain Suit gives you durable, lightweight protection from wind and rain while at the same time providing full breathability. The rain suit is cut in such a way that it can be also worn under combat dress ensuring that freedom of movement and combat action are not restricted. The Gore Tex Salima Laminate is lighter and easier to pack than any other option.

SALINA RAIN SUIT	Jacket	Trousers
Sizes	M to XXL	M to XXL
Weight	430 g (Size L)	330 g (Size L)
Colour	Olive	Olive

SURVIVAL RAIN SUIT



VACUUM PACKED SIZE



SURVIVAL RAIN SUIT:
This suit is the choice wherever weight and pack volume are critical. It is the ultimate in extremely breathable, lightweight, packable weather protection. (Vacuum packed it is extremely suitable for survival sets.)

SURVIVAL RAIN SUIT	Jacket	Trousers
NSN	8405-41-000-2520	8405-41-000-2522
Weight	260 g	210 g
Stuff Size (vacuum packed)	22 x 14,5 x 3 cm	17 x 13 x 2,5 cm
Colour	Olive	Olive

**BIVY BAGS
FOR PROFESSIONALS**

EXPLORER TWO PLUS



EXPLORER TWO PLUS: 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.



EXPLORER TWO PLUS	
NSN	8340-41-000-2525
Weight	1250 g
Packing size	35 x 10 cm

COMBAT



COMBAT 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.



COMBAT	
NSN	8340-41-000-2526
Weight	680 g
Packing size	32 x 8 cm

OBSERVER PLUS



OBSERVER 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.



OBSERVER PLUS	
NSN	8340-41-000-2388
Weight	1750 g
Packing size	35 x 12 cm

MICRO TENT PLUS



MICRO TENT PLUS: A 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.



MICRO TENT PLUS	
NSN	8340-41-000-2527
Weight	1800 g
Packing size	35 x 12 cm

SLEEPING BAG COVER



SLEEPING BAG COVER: The German Army's new bivy bag. The practical centre zipper is made waterproof by a double, specially designed storm flap. Generous mummy cut.



SLEEPING BAG COVER	
NSN	8340-41-000-2532
Weight	1000 g
Packing size	35 x 8 cm

SURVIVAL BIVY BAG



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.



SURVIVAL BIVY BAG	
NSN	8340-41-000-2530
Weight	1100 g
Packing size	33 x 10 cm

GORE-TEX®

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 topmaterial. 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.

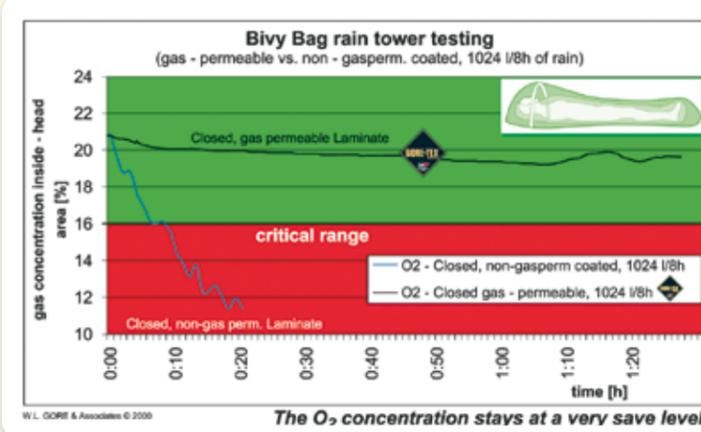
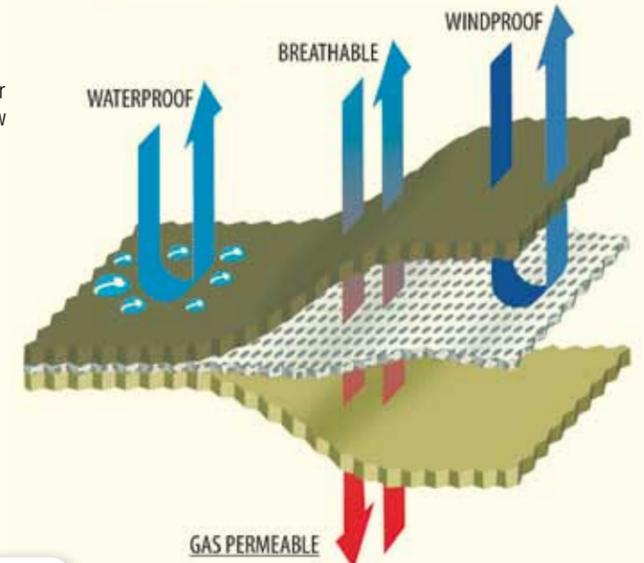
The benefits are obvious:

- 1 | 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 $+3^{\circ}\text{C}$.
- 2 | In really bad weather and precipitation the Bivy Bag can be closed completely and remains absolutely waterproof.

Bottom Material:

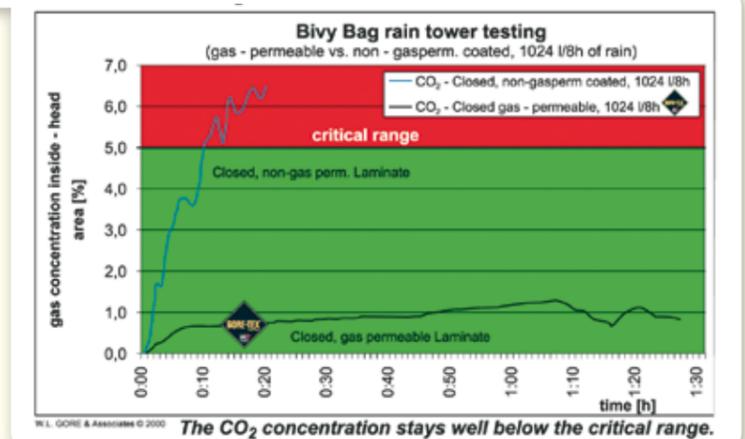
Highly water-proof and cold-flex durable laminate.

Moisture vapour transport
 O_2 / CO_2 transport



Does „Gas-Permeability“ work under extreme rain fall conditions?

Raintower testing of gas permeable, completely closed Bivy Bags - O_2 concentration inside head area



SHELLPROOF

The lightweight polyamide fibre with breathable hydrophilic polyurethane coating. The rip-stop construction consists of nearly 4000 microfibre 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.



Lightweight



Small packing volume



Highly breathable



Extremely wind repellent



Ripstop construction



Highly tear resistant



Excellent strength to weight ratio

SHELLTRANS

The lightweight, soft on the skin polyamide-fibre. The rip-stop construction consists of nearly 4000 microfibre 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



Ripstop construction



Highly tear resistant



Excellent strength to weight ratio



Water proof



G-LOFT INSULATION GARMENTS

ARTICLE	Size	Article Numbers		
		Black	Olive	Coyote
LIG G•LOFT VEST	S	MG0520	MG0500	MG0510
	M	MG0521	MG0501	MG0511
	L	MG0522	MG0502	MG0512
	XL	MG0523	MG0503	MG0513
	XXL	MG0524	MG0504	MG0514
LIG G•LOFT JACKET	S	MG0340	MG0300	MG0320
	M	MG0341	MG0301	MG0321
	L	MG0342	MG0302	MG0322
	XL	MG0343	MG0303	MG0323
	XXL	MG0344	MG0304	MG0324
LIG G•LOFT TROUSERS	S	MG0350	MG0310	MG0330
	M	MG0351	MG0311	MG0331
	L	MG0352	MG0312	MG0332
	XL	MG0353	MG0313	MG0333
	XXL	MG0354	MG0314	MG0334
MIG 2.0 G•LOFT JACKET	S	MG0210	MG0200	MG0220
	M	MG0211	MG0201	MG0221
	L	MG0212	MG0202	MG0222
	XL	MG0213	MG0203	MG0223
	XXL	MG0214	MG0204	MG0224

ARTICLE	Size	Article Numbers		
		Black	Olive	Coyote
HIG 2.0 G•LOFT JACKET	S	MG0100	MG0120	MG0140
	M	MG0101	MG0121	MG0141
	L	MG0102	MG0122	MG0142
	XL	MG0103	MG0123	MG0143
	XXL	MG0104	MG0124	MG0144
HIG 2.0 G•LOFT TROUSERS	S	MG0110	MG0130	MG0150
	M	MG0111	MG0131	MG0151
	L	MG0112	MG0132	MG0152
	XL	MG0113	MG0133	MG0153
	XXL	MG0114	MG0134	MG0154
ECIG G•LOFT JACKET	S	---	MG0400	---
	M	---	MG0401	---
	L	---	MG0402	---
	XL	---	MG0403	---
	XXL	---	MG0404	---
ECIG G•LOFT TROUSERS	S	---	MG0410	---
	M	---	MG0411	---
	L	---	MG0412	---
	XL	---	MG0413	---
	XXL	---	MG0414	---

ARTICLE	Size	Article Numbers
		Olive / Sand
G•LOFT JACKET REVERSIBLE	S	95250
	M	95251
	L	95252
	XL	95253
	XXL	95254
G•LOFT TROUSERS REVERSIBLE	S	95260
	M	95261
	L	95262
	XL	95263
	XXL	95264

RAIN SUITS

ARTICLE	Size	Article Number	Colour
SALINA RAIN SUIT JACKET	M	97700	Olive
	L	97701	Olive
	XL	97702	Olive
SALINA RAIN SUIT TROUSERS	M	97705	Olive
	L	97706	Olive
	XL	97707	Olive

ARTICLE	Size	Article Number	Colour
SURVIVAL RAIN SUIT JACKET	Uni Size	95300	Olive
SURVIVAL RAIN SUIT TROUSERS	Uni Size	95301	Olive

BIVY BAG

ARTICLE	Article Number	NSN	Weight	Length	Shoulder Width	Footend Width	Shell Fabric	Colour
EXPLORER II PLUS	92321	8340-41-000-2525	1250 g	250 cm	104 cm	76 cm	35 x 10 cm	Olive RAL 7013
OBSERVER PLUS	92331	8340-41-000-2388	1750 g	240 cm	104 cm	75 cm	35 x 12 cm	Olive RAL 7013
COMBAT	93990	8340-41-000-2526	680 g	250 cm	95 cm	53 cm	32 x 8 cm	Olive RAL 7013
MICRO TENT PLUS	92381	8340-41-000-2527	1800 g	270 cm	87 cm	60 cm	---	Olive RAL 7013
SLEEPING BAG COVER	89710	8340-41-000-2532	1000 g	245 cm	100 cm	72 cm	35 x 8 cm	Olive RAL 7013
SURVIVAL BIVY BAG	91990	8340-41-000-2530	1100 g	240 cm	104 cm	76 cm	32 x 10 cm	Olive RAL 7013

ACCESSORIES

ARTICLE	Article Number		Material	Colour
POLYCOTTON LINER 185	92210	To attach it into the sleeping bag or separately use/ for sleeping bag size 185	Polyester / Cotton	Olive
POLYCOTTON LINER 200	92211	To attach it into the sleeping bag or separately use/ for sleeping bag size 200	Polyester /Cotton	Olive
COMPRESSION-BAG	92420	Measurements 28 x 54 cm	Polyamide fabric with PU coating	Olive
COMPRESSION-BAG	92421	Measurements 20 x40 cm	Polyamide fabric with PU coating	Olive

ARTICLE	Article Number		Size	Colour
BOOTIES	97430	Outer material: Windstopper, Sole: Cordura, Filling: G-LOFT	36 to 40	Olive
BOOTIES	97410	Outer material: Windstopper, Sole: Cordura, Filling: G-LOFT	40 to 46	Olive
BOOTIES	97440	Outer material: Windstopper, Sole: Cordura, Filling: G-LOFT	36 to 40	Black
BOOTIES	97420	Outer material: Windstopper, Sole: Cordura, Filling: G-LOFT	40 to 46	Black

G•LOFT INSULATION GARMENTS

ARTICLE	Size	Article Numbers		
		Black	Olive	Coyote
LIG G•LOFT VEST	S	MG0520	MG0500	MG0510
	M	MG0521	MG0501	MG0511
	L	MG0522	MG0502	MG0512
	XL	MG0523	MG0503	MG0513
	XXL	MG0524	MG0504	MG0514
LIG G•LOFT JACKET	S	MG0340	MG0300	MG0320
	M	MG0341	MG0301	MG0321
	L	MG0342	MG0302	MG0322
	XL	MG0343	MG0303	MG0323
	XXL	MG0344	MG0304	MG0324
LIG G•LOFT TROUSERS	S	MG0350	MG0310	MG0330
	M	MG0351	MG0311	MG0331
	L	MG0352	MG0312	MG0332
	XL	MG0353	MG0313	MG0333
	XXL	MG0354	MG0314	MG0334
MIG 2.0 G•LOFT JACKET	S	MG0210	MG0200	MG0220
	M	MG0211	MG0201	MG0221
	L	MG0212	MG0202	MG0222
	XL	MG0213	MG0203	MG0223
	XXL	MG0214	MG0204	MG0224

ARTICLE	Size	Article Numbers		
		Black	Olive	Coyote
HIG 2.0 G•LOFT JACKET	S	MG0100	MG0120	MG0140
	M	MG0101	MG0121	MG0141
	L	MG0102	MG0122	MG0142
	XL	MG0103	MG0123	MG0143
	XXL	MG0104	MG0124	MG0144
HIG 2.0 G•LOFT TROUSERS	S	MG0110	MG0130	MG0150
	M	MG0111	MG0131	MG0151
	L	MG0112	MG0132	MG0152
	XL	MG0113	MG0133	MG0153
	XXL	MG0114	MG0134	MG0154
ECIG G•LOFT JACKET	S	---	MG0400	---
	M	---	MG0401	---
	L	---	MG0402	---
	XL	---	MG0403	---
	XXL	---	MG0404	---
ECIG G•LOFT TROUSERS	S	---	MG0410	---
	M	---	MG0411	---
	L	---	MG0412	---
	XL	---	MG0413	---
	XXL	---	MG0414	---

ARTICLE	Size	Article Numbers	
		Olive / Sand	
G•LOFT JACKET REVERSIBLE	S	95250	
	M	95251	
	L	95252	
	XL	95253	
	XXL	95254	
G•LOFT TROUSERS REVERSIBLE	S	95260	
	M	95261	
	L	95262	
	XL	95263	
	XXL	95264	

MILITARY SLEEPING SYSTEMS

ARTICLE	Article Number	NSN	For Body Height	Weight	Stuff Size Uncompressed	Stuff Size Compressed	Insulation	Filling Weight	Length	Shoulder Width	Foodend Width	Shell Fabric	Lining Fabric	Colour
TROPEN 185	94511	8465-41-000-1615	185 cm	1100 g	20 x 35 cm	18 x 35 cm	G-LOFT	550 g	220 cm	85 cm	60 cm	Shelltrans 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
TROPEN 185	94513	---	185 cm	1100 g	20 x 35 cm	18 x 35 cm	G-LOFT	550 g	220 cm	85 cm	60 cm	Shelltrans 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Sand RAL 7008
TROPEN 200	94520	8465-41-000-1612	200 cm	1300 g	21 x 35 cm	18 x 28 cm	G-LOFT	600 g	235 cm	87 cm	65 cm	Shelltrans 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
TROPEN 200	94531	---	200 cm	1300 g	21 x 35 cm	18 x 28 cm	G-LOFT	600 g	235 cm	87 cm	65 cm	Shelltrans 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Sand RAL 7008
DEFENCE 4 185	92450	8465-41-000-1604	185 cm	1850 g	26 x 50 cm	23 x 38 cm	G-LOFT	1000 g	215 cm	83 cm	57 cm	Shellproof 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
DEFENCE 4 200	92480	8465-41-000-1606	200 cm	2000 g	28 x 50 cm	25 x 38 cm	G-LOFT	1100 g	230 cm	87 cm	60 cm	Shellproof 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
SLEEPING BAG SYSTEM (TROPEN & DEFENCE 4)	---	8465-41-000-2416	185 cm	2950 g	26 x 50 cm	25 x 45 cm	G-LOFT	---	---	---	---	---	---	Olive RAL 7013
SLEEPING BAG SYSTEM (TROPEN & DEFENCE 4)	---	8465-41-000-2417	200 cm	3300 g	28 x 50 cm	27 x 45 cm	G-LOFT	---	---	---	---	---	---	Olive RAL 7013
DEFENCE 6	92460	8465-41-000-2419	200 cm	2600 g	30 x 55 cm	25 x 43 cm	G-LOFT	1650 g	230 cm	87 cm	60 cm	Shellproof 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
DEFENCE 1 TOP 185	92440	8465-41-000-2420	185 cm	1050 g	20 x 35 cm	18 x 25 cm	G-LOFT	550 g	215 cm	85 cm	60 cm	Shellproof 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
DEFENCE 1 TOP 200	92350	8465-41-000-2422	200 cm	1200 g	20 x 35 cm	18 x 28 cm	G-LOFT	600 g	230 cm	87 cm	65 cm	Shellproof 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
EAGLE	92100	8465-41-000-2428	190 cm	900 g	16 x 32 cm	16 x 21 cm	G-LOFT	500 g	225 cm	80 cm	58 cm	Shelltrans 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
EAGLE	92101	---	190 cm	900 g	16 x 32 cm	16 x 21 cm	G-LOFT	500 g	225 cm	80 cm	58 cm	Shelltrans 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Sand RAL 7008
BRENTA MEDIUM	Right zipper: SS 91900 Left Zipper: SS 91901	---	185 cm	1850 g	23 x 44 cm	23 x 30 cm	G-LOFT	900 g	220 cm	85 cm	60 cm	Shellproof 100% Polyamide Micro Fibre	Poly-Cotton	Olive RAL 7013
BRENTA LARGE	Right zipper: SS 91910 Left Zipper: SS 91911	---	200 cm	1950 g	23 x 44 cm	23 x 32 cm	G-LOFT	1000 g	235 cm	85 cm	60 cm	Shellproof 100% Polyamide Micro Fibre	Poly-Cotton	Olive RAL 7013
SURVIVAL ONE	92070	8465-41-000-2481	200 cm	2900 g	30 x 55 cm	27 x 45 cm	G-LOFT	1650 g	230 cm	87 cm	60 cm	Shellproof 100% Polyamide Micro Fibre	Shelltrans 100% Polyamide Micro Fibre	Olive RAL 7013
SURVIVAL DOWN 1000	93590	8465-41-000-2482	190 cm	1850 g	26 x 50 g	25 x 40	European Goose Down Blend ratio 90 / 10	1000 g 600 cuin	225 cm	85 cm	60 cm	Shelltex 100% Polyamide Micro Fibre	Shelltex 100% Polyamide Micro Fibre	Olive RAL 7013
WILDERNESS	Right zipper: SS 92010 Left Zipper: SS 92011	---	200 cm	2900 g	30 x 55 cm	28 x 45 cm	G-LOFT	1750 g	235 cm	85 cm	60 cm	Shellproof 100% Polyamide Micro Fibre	Poly-Cotton	Olive RAL 7013
EXPLORER DOWN 1000 MEDIUM	93620	8465-41-000-2513	185 cm	1700 g	26 x 50 cm	25 x 30 cm	European Goose Down Blend ratio 90 / 10	1000 g 600 cuin	210 cm	83 cm	52 cm	Shelltex 100% Polyamide Micro Fibre	Shelltex 100% Polyamide Micro Fibre	Olive RAL 7013
EXPLORER DOWN 1000 LARGE	94620	8465-41-000-2514	200 cm	1800 g	26 x 50 cm	25 x 30 cm	European Goose Down Blend ratio 90 / 10	1050 g 600 cuin	225 cm	83 cm	52 cm	Shelltex 100% Polyamide Micro Fibre	Shelltex 100% Polyamide Micro Fibre	Olive RAL 7013
GRIZZLY	90070	8465-41-000-2516	185 cm	500 g	16 x 20 cm	---	---	---	220 cm	80 cm	57 cm	thermovelour	---	---

MILITARY SLEEPING SYSTEMS & COLD WEATHER CLOTHING

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