



PROFESSIONAL 2021/22

#### RESPONSIBLY MADE IN SWEDEN

Swedish production focused on the highest quality - this is the very foundation of Woolpower's mission. We have captured this in a sentence that depicts exactly what any Woolpower product is -Responsibly Made in Sweden.

This involves responsibility across several areas. For us, responsibility means:

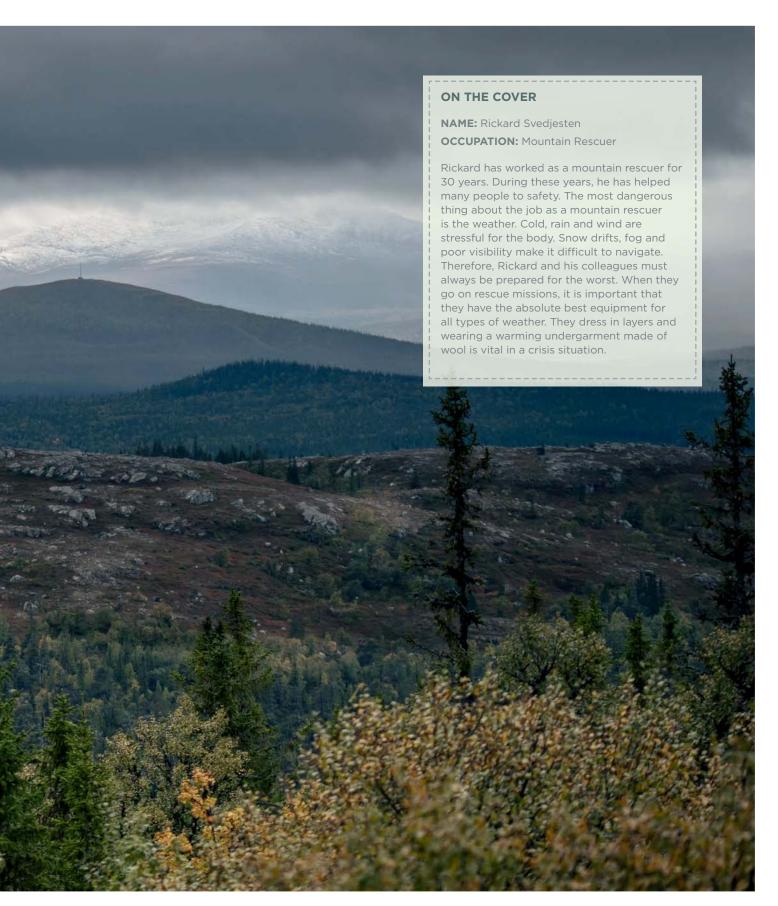
- placing the person behind the garment at the centre, with fair employment conditions
- as to minimise our impact on the environment
- · having good control of our supply chain

Woolpower garments are created through teamwork, in which everybody fulfils a necessary function. We generate efficiencies and understanding for each other by having the majority of our production chain under one roof, everything from product development, knitting and preparing the fabric, sewing and packing to warehousing and sales.

We believe that to have sustainable clothing production we must manufacture products that last year after year. A large part of our work is about ensuring high quality and improving the products to

give them longer lifespan. Should any problem arise, we can act quickly as the enrire company sits under the same roof. All our products go through several quality control checks. Machine operators who knit our fabric check for defects during the knitting process. During preparation, the fabric is checked when we lay it out on the spreading table to cut the pieces that are to be sewn together into products. And when the seamstresses have completed the sewing of the garments, they are checked one more · manufacturing highly durable products that last, so time. As a quality seal on a Woolpower garment, it is marked with the name of the seamstress that has sewn the entire garment.

> Woolpower's supply chain is mainly located in Sweden. It is unusual for a company to have such a large part of its production chain under the same roof, as we do. But, before the yarn arrives to us and we can start to manufacture products, the wool must be processed and spun to become yarn and that is made in Europe. As a responsible company, we must have control of our supply chain. The simplest way to do that is to keep the supply chain as short as possible. So, the more we do ourselves the better position we create for ourselves to ensure good working conditions.



#### **WOOLPOWER**

# QUALITY IN EVERY SENSE

Woolpower is living proof that a clothing company can provide reasonable salaries, safe employment and a working environment that people enjoy being in. Ever since our factory opened in Östersund all our garments have been sewn here. That's how we want it to be so that we can maintain the highest quality possible.

#### **CIRCULAR KNITTING**

Each year, around 200 tons of Merino wool yarn is delivered to the factory in Östersund. This is where the knitting starts. When we make our Woolpower garments we use circular knitting machines to produce the sleeves, legs, body and socks. Using this technology means that garments have a minimal amount of seams for the best durability and comfort.

#### **OUR EXPERIENCED SEAMSTRESSES**

At Woolpower, one seamstress is responsible for sewing an entire garment, from the very first to the very last stitch. This makes the work more varied and develops their workmanship. Once the seamstress completes a garment and approves it, a label with their name, is attached to it. This label is the seamstress and Woolpower's – seal of quality.

#### A WARM COMPANY

You could say that warmth is our thing in every sense of the word. We make warm woolen products, and we also aim to be a warm company that takes good care of its employees, partners, animals and the environment.

#### SUSTAINABILITY

Having our own factory in Östersund gives us a great opportunity to work on our environmental footprint. During recent years we've taken another important step towards our sustainability goals. For example, we only use renewable electricity and waste fabric from our production line now gets recycled into our popular Felt Insoles and our Sit pads in three sizes. Our production is certified in accordance with ISO standards. The garments made of Ullfrotté Original fabric is certified according to STANDARD 100 by OEKOTEX®, a globally standardized independent mark of quality for textile products tested for harmful substances.

















NAME: Martha Persson OCCUPATION: Ex-seamstress, now retired

A name that appears in many of Woolpower's garments is Martha Persson. Since 1975, she has worked as a seamstress in Östersund. The summer of 2020 will be her last in the factory when, after 45 years, it has become time for her to retire again.

Over the years, she has accumulated lots of memories, and even though world celebrities, royalty and great politicians have stood beside her and watched her work, it is people and meetings during the factory annual open house she remembers best.

"I love the factory open house. People are curious and want to know everything. You usually do not think so much about how unique it is with a sewing factory in Sweden, but during an open house it becomes extra clear and visitors have a lot of questions "

Martha retired already in the summer of 2019, but she only managed to be retired for a week before she started to miss the colleagues too much and she was back at Woolpower again. Now she is making a new attempt and the plan is to exchange fabric, sewing machines and thread for wooden boards, saws, and hammers.

"Yes, now I will try to retire again. I live on a farm so there is a lot to do. First, I will learn how to change the panel on the barn then we will see".

#### **ULLFROTTÉ ORIGINAL**

#### INVENTED TO LAST

The unique Ullfrotté Original material was developed for the Swedish military, together with other specialists such as doctors and researchers as early as the early 1970s, The result was a garment with great insulation properties and unique moisture management. It's a wear-resistant fabric that actually makes you feel warm and dry even when moist.

#### SYNTHETICS ADD STRENGTH

Merino wool is a material that has excellent temperature regulation properties, but its wear resistance is not optimal. To bolster Ullfrotté Original's wear resistance, the Merino wool is mixed with one-third synthetics. This gives the garment the strength needed to meet the high-quality standards of Woolpower, without taking any of the excellent properties of the wool away.

#### TERRY LOOPS TRAP THE AIR

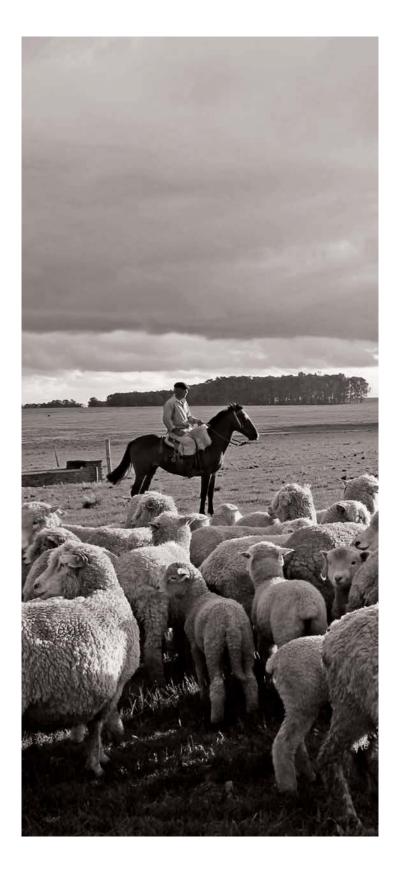
Ullfrotté Original is knit so that one side of the fabric is flat and the other has smooth terry loops. It is the terry loops in combination with the loose knit wool fibres that make our garments capable of trapping such a great amount of air. Up to 80 percent of Ullfrotté Original actually consists of air. The terry surface also offers the benefit of wicking moisture away from the skin.

#### **WASH LESS OFTEN**

Wool, is easy to take care of and doesn't smell bad. The ability of wool fibre to absorb and neutralise bad odours is far superior to other textile materials. This means that you do not have to clean your Ullfrotté garments that often. Simply hanging them outside for a bit can be enough. However if needed Woolpower garments can be machine washed at 60 °C (140 °F)\*. They can also be tumble-dried at medium heat but as with all clothes this shortens the lifespan of the garment. When you wash your clothes, you can use Woolcare, our own washing detergent for wool. It's a gentle detergent that contains lanolin, the natural fat found in wool, which helps to nurture the fine qualities of wool. You can also use a normal detergent, or just wash with water.







#### **MERINO WOOL**

#### A REMARKABLE MATERIAL

Temperature regulation is one of the most important functions in comfortable underwear. Wool has remarkable characteristics that no science lab has yet been able to replicate synthetically. In all Woolpower garments we use Merino wool, a perfect fibre to insulate against both heat and cold.

#### TOGETHER WITH OUR SUPPLIERS

We purchase our Merino wool from the Uruguay and the Argentinian part of Patagonia. There, we have a constant dialogue with our suppliers about animal treatment and the sheep farmers' impact on the environment. Of course, we only use guaranteed mulesing-free wool.

#### **WOOL FOR INSULATION**

Merino wool is the perfect material to use when you want to stay warm. The secret is in the air, the more air you can trap around the body, the more heat you can retain. And the crimpy structure of the wool fibre traps large quantities of air. Merino wool has up to 40 creases per centimetre, which provides a remarkably high degree of insulation.

#### WARM EVEN WHEN MOIST

The natural wool fibre also works together with your body when you get wet. Wool can absorb up to 30 percent of its dry weight in moisture without feeling damp. So it keeps you warm – and it also transports moisture away so that you feel warm and dry for longer.

#### **NON-ITCHY THICKNESS**

The Merino wool used in our own Ullfrotté Original material is 22,5 micron. Due to the terry loops on the inside the amount of contact zones are very few. 22,5 micron is therefore thin enough to give a comfortable, non-itchy material, but thick enough not to break easily. Our flat knitted material LITE is made from wool fibers with a thickness of 19,5 micron, which is needed to be comfortable and non-itchy in a flat knitted material.

### CLOTHES DON'T PROVIDE HEAT

#### BUT YOUR BODY DOES

#### A SYSTEM FOR HEAT REGULATION

When the weather is cold, the best way to stay warm is by following our layering system. Layered clothes help you retain your body heat since the layers bind more air and therefore create more insulation. At the same time, the layers transport away the moisture and excess heat that your body doesn't need. By using the layering system, it's easy for you to adjust your clothing based on your activity level at any moment. More layers for low activity, fewer layers for high activity.

#### **CHOOSE THE RIGHT THICKNESS**

Woolpower has developed an entire collection of garments for the whole body that can be combined differently depending on the temperature and form of activity. Our garments are produced in varying thicknesses for different functionality and benefits. Our base layer materials are LITE and Ullfrotté 200. Our mid Layer materials are Ullfrotté 400 and Ullfrotté 600.



#### **INSULATION SCALE**

#### **ULLFROTTÉ 600 - MID LAYER**

The thickest of our terry-knitted mid layers is called Ullfrotté 600.

#### **ULLFROTTÉ 400 - MID LAYER**

Ullfrotté 400 is a terry-knit mid layer that creates extra insulation.

#### **ULLFROTTÉ 200 - BASE LAYER**

Ullfrotté 200 is a terry-knit base layer that traps a lot of air, making it warmer than LITE.

#### **LITE - BASE LAYER**

LITE is a flat-stitched fabric, which makes it cooler than Ullfrotté.



#### **WOOLPOWER LAYER SYSTEM**

1

# LITE OR ULLFROTTÉ 200

Start with a heat-insulating and moisture-transporting undergarment closest to your body.

The base layer keeps your body at just the right temperature and also helps remove moisture at the same time.

All Woolpower's Ullfrotté 200 garments are circular knit, which means they don't have any uncomfortable seams that can chafe and break.

The LITE fabric is flat-knitted which gives more direct contact against the skin than Woolpower's Ullfrotté Original fabric. That means that heat is conducted more easily from the skin and out through the garment. LITE products are perfect as a cooler alternative.





## 2

#### ULLFROTTÉ 400-600 FOR INSULATION

Add one of Woolpower's Ullfrotté garments as a mid layer to increase insulation between the base layer undergarment and your wind and water resistant outer layer.

Ullfrotté gives you excellent insulation and both Ullfrotté 400 and Ullfrotté 600 are round-knitted without seams. These mid layer garments are often used in colder temperatures and at less strenuous activity levels.



Layer 3 should be a wind and water resistant outer shell that protects you against external cooling and keeps your heat trapped between the base and mid layers.



A wind-proof outer layer made with down or a synthetic insulator is easy to put on and take off over your shell. It's useful for breaks.



#### **WOOLPOWER**

#### LITE

#### **BASE LAYER**

WOOLPOWER LITE is a fabric that has exploded in popularity since we started producing it a decade ago. LITE is a thinner fabric that is good to use all year round. It feels cool against the skin during warmer weather and warms the body when the cold creeps in. It is also an excellent base layer to wear underneath our thicker clothes in Ullfrotté Original.

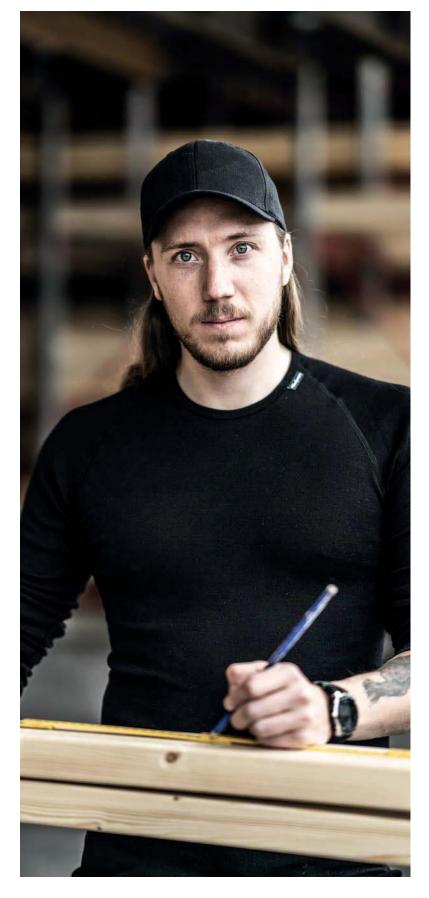
The LITE fabric is 1:1 rib-knitted tricot which allows for more direct contact with the skin than Woolpower's Ullfrotté Original fabric. That means heat is transported more easily from the skin and out through the garment. This in turn makes the LITE products perfect as a cooler alternative, for highlevel activity and/or warmer temperatures. Woolpower LITE stretches the season for Woolpower garments, and can be used all year around. A 19.5-micron merino wool is combined with 20% polyamide fibre to create a stronger and more durable garment. Functionality remains the primary focus. There are no more seams than absolutely necessary and the fabric is a very soft, smooth and stretchy 1:1 rib-knitted tricot.

LITE still provides insulation, but more importantly its merino wool adapts to temperature and activity levels.

# 600 400 LITE

80% MERINO WOOL 20% POLYAMIDE







TEE LITE Art no: 7101

Short sleeve crewneck. The lengthwise seams are placed further back for optimal comfort. The sleeves have raglan design to prevent any seam rub when carrying a backpack. The back is longer to prevent gaps.

Unisex XXS - XXL





LONG JOHNS W's LITE Art no: 4341

Full length Long Johns. The design is special with only one lengthwise seam and no inseam for optimal comfort. Smooth elastic waistband with knitted-in logo.

XXS - XL





CREWNECK LITE Art no: 7111

Long sleeve crewneck. The lengthwise seams are placed further back for optimal comfort. The sleeves have raglan design to prevent any seam rub when carrying a backpack. The back is longer to prevent gaps.

Unisex XXS - XXL





Art no: 6341

Full length Long Johns. The design is special with only one lengthwise seam and no inseam for optimal comfort. Smooth elastic waistband

S - XXL





ZIP TURTLENECK LITE

Art no: 7221

Long sleeve turtleneck with short zip for ventilation. The lengthwise seams are placed further back for optimal comfort, and the sleeves have raglan design to prevent any seam rub when carrying a backpack. The back is longer to prevent gaps.

Unisex XXS - XXL





#### LONG JOHNS M's LITE

with knitted-in logo.







3/4 LONG JOHNS M's LITE Art no: 6331

3/4 length Long Johns. The design is special with only one lengthwise seam and no inseam for optimal comfort. Optimal usage is with high socks. Smooth elastic waistband with knitted-in logo.

S - XXL





#### BRIEFS XLONG W's LITE

Art no: 4311

Knee long Briefs designed to be worn as undergarments. The longer boxer model gives extra warmth to large muscle groups. Smooth elastic waistband with knitted-in logo.

XXS - XL





3/4 LONG JOHNS W's LITE Art no: 4331

3/4 length Long Johns. The design is special with only one lengthwise seam and no inseam for optimal comfort. Optimal usage is with high socks. Smooth elastic waistband with knitted-in logo.

XXS - XL





#### **BOXER M's LITE**

Art no: 6321

Boxer designed to be worn as undergarments. Smooth elastic waistband with knitted-in logo.

S - XXL





#### **BOXER XLONG M's LITE**

Art no: 6311

Knee long Boxer designed to be worn as undergarments. The longer boxer model gives extra warmth to large muscle groups. Smooth elastic waistband with knitted-in logo.

S - XXL





#### HIPSTERS W's LITE

Art no: 4301

The Hipsters are a low cut model. They have a smooth elastic waistband with logo.

XXS - XL





# **WOOLPOWER**ULLFROTTÉ 200

#### **BASE LAYER**

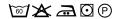
THIS IS OUR thinnest undergarment in terry-knit Ullfrotté Original. Every garment is made from different sizes of tubes, which means that we have minimized the amount of seams. This creates a garment that is more durable and with less chafing from seams.

The garment is designed to be worn next to the skin as a moisture wicking base layer. The terry loops and the overall loose knitting gives unique insulation compared to the fabric weight.

By wearing the Ullfrotté 200 base layer closest to the body you will benefit from all the best functions terry loop wool garments provide: insulation, perspiration transport and comfort. It is also great in combination with Woolpower LITE.

# INSULATION SCALE 600 400 200 LITE

60% MERINO WOOL
25% POLYESTER
13% POLYAMIDE
2% ELASTANE







TEE 200 Art no: 7102

Short sleeve crewneck made of a circular knit fabric with terry loops and has no lengthwise seams. Cuffs are knitted in.



CREWNECK 200 Art no: 7112

Long sleeve crewneck made of circular knit fabric with terry loops and has no lengthwise seams. The back is longer to prevent gaps. Cuffs are knitted in.



ZIP TURTLENECK 200
Art no: 7222

Long sleeve turtleneck is made of circular knit fabric with terry loops and has no lengthwise seams. It has a short zipper for ventilation. The back is longer to prevent gaps. Cuffs are knitted in

Unisex XXS - XXXL





Unisex XXS - XXXL









Unisex XXS - XXXL











LONG JOHNS WITH FLY 200 Art no: 6342

Long Johns are made of circular knit fabric with terry loops and have no lengthwise seams. A gusset in the back ensures optimal comfort. Cuffs are knitted in. With fly.



LONG JOHNS 200

Art no: 7342

Long Johns are made of circular knit fabric with terry loops and have no lengthwise seams. A gusset in the back ensures optimal comfort. Cuffs are knitted in.

S - XXXL

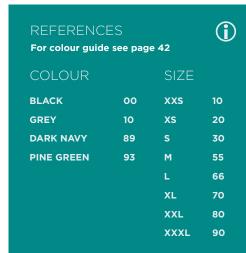


Unisex XXS - XXXL









### WOOLPOWER

ULLFROTTÉ 400-600

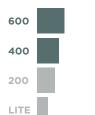
#### **MID LAYER**

**THESE THICKER** garments are used as mid layers to increase insulation between the base layer and the wind and water resistant outer layer.

The mid layer garments are usually used at lower temperatures and lower activity levels.

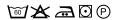
The mid layer jackets are longer in the back and in the cuffs, which also have thumb holes.

**INSULATION SCALE** 



400 70% MERINO WOOL 28% POLYAMIDE 2% ELASTANE

600 70% MERINO WOOL 28% POLYAMIDE 2% ELASTANE







ZIP TURTLENECK 400 Art no: 7224

Long sleeve turtleneck is made of circular knit fabric with terry loops and has no lengthwise seams in body. It has a short zipper for ventilation. The back is longer to prevent gaps.











**FULL ZIP JACKET 400** 

Art no: 7234

Full zip jacket has a high collar, cuffs with thumb holes and a full length zipper. It is made of circular knit fabric with terry loops. The back is longer to prevent gaps. The collar has the Woolpower logo knitted in.

Unisex XXS - XXXL













**VEST 400** 

Art no: 7244



Woolpower logo knitted in.



Full zip vest has a high collar, straight bottom

hem and a full length zipper. It is made of circular

knit fabric with terry loops. The collar has the







#### LONG JOHNS 400

Art no: 7344

Long Johns are made of circular knit fabric with terry loops and have no lengthwise seams. A gusset in the back ensures optimal comfort. Cuffs are knitted in.



Art no: 6344

Long Johns are made of circular terry knit fabric and have no lengthwise seams. A gusset in the back ensures optimal comfort. Cuffs are knitted in. With fly.



#### **FULL ZIP JACKET 600**

Art no: 7236

Full zip jacket has a high collar, cuffs with thumb holes and a full length zipper. It is made of circular knit fabric with terry loops. The back is longer to prevent gaps.

Unisex XXS - XXXL







#### REFERENCES For colour guide see page 42 **COLOUR BLACK** 00 **GREY** 10 **RUST RED** 60 **AUTUMN RED** 61 **DARK NAVY** 89 **FOREST GREEN** 90 **PINE GREEN** 93 XXS 10 XS 20 s 30 55 66 XL 70 XXL 80 **XXXL** 90

Unisex XXS - XXXL







S - XXXL

#### **WOOLPOWER**

#### PROTECTION







**WOOL IS MADE** of keratin, a substance that has low flammability and doesn't melt. Wearing a base layer that doesn't melt means it takes longer for heat to affect the body, which can reduce the severity of burn injuries.

It's a challenge to make underwear that offers good insulation from the cold while also protecting the body according to ISO standards for PPE (Personal Protective Equipment). You want to minimize the amount of oxygen in order to not feed the flames while trying to trap as much air as possible close to the body to optimize the insulation effect.

At Woolpower, we've worked hard to optimize the combination of isulation and protection.

As a result, we have developed our Woolpower Protection product line, made for the high demands of the professional user. Our products conforming to specific EN standards, such as Flame Resistance, Antistatic or Electric Arc, are grouped under the name Woolpower Protection.

The Woolpower Protection product line consists of the base layer garment Woolpower Protection LITE, the mid layer garment Woolpower Protection 400 and accessories.

As part of our responsibility to the environment we don't ad chemicals, such as Bromide, in order to achive flame resistance. Instead we get it from the unique characteristics in the fiber composition.

For maximum protection we recommend using our entire line of certified garments together with appropriately certified outer garments.

All our products in the Protection line are tested and certified at FIOH in Finland. Protection LITE has also been tested in the US to meet the minimum requirements of ASTM 1506-10A for apparel materials in NFPA 70E.

Certificate Issued by: FIOH Topeliuksenkatu 41a B FI-00250 Helsinki, FINLAND Notified body No. 0403



#### **WOOLPOWER PROTECTION LAYER SYSTEM**

Conform to EN standards for Flame Resistance, Antistatic and Electric Arc



**BASE LAYER** 

#### PROTECTION I ITF

- HEAT INSULATION ■
- MOISTURE TRANSPORTATION
  - ATPV VALUE = 6,4 cal/cm<sup>2</sup>
    - YEAR AROUND USE ■
    - 60% MERINO WOOL
      - GREAT COMFORT ■







EN ISO 11612:2015, A1, B1, C1 IEC 61482-2:2018, APC 1 (4kA) EN 1149-5:2018

Complies with ASTM standards in the US.





2

MID LAYER

#### PROTECTION 400

- GREAT INSULATION
- ULLFROTTÉ ORIGINAL
- ATPV VALUE = 34.3 cal/cm<sup>2</sup>
- 84% MERINO WOOL
- HIGH DURABILITY
- GREAT COMFORT







EN ISO 11612:2015, A1, B2, C2 IEC 61482-2:2018, APC 1 (4kA) EN 1149-5:2018



# WOOLPOWER PROTECTION LITE

#### **BASE LAYER**

**THE PROTECTION LITE** fabric is circular knitted in 1:1 rib. That means that heat is conducted more easily from the skin and out through the garment. This in turn makes the Protection LITE products perfect as a cooler alternative, for high-level activity and/or warmer temperatures.

The 19.5-micron Merino wool combined with 38% Viscose FR with no more seams than absolutely necessary makes a very soft, smooth and stretchy garment.

Protection LITE still provides insulation, but more importantly its Merino wool adapts to temperature and activity level.

Protection LITE meets specific EN standards, such as Flame Resistance, Antistatic and Electric Arc. It also complies with ASTM standards in the US.



# INSULATION SCALE 600 400 200 LITE

PROTECTION LITE 60% MERINO WOOL 38% VISCOSE FR 2% ANTISTATIC



REFERENCES For colour guide se	
SIZE	
XXS	10
xs	20
S	30
М	55
L	66
XL	70
XXL	80
ONE SIZE	00
COLOUR	
ANTHRACITE	03



ZIP TURTLENECK PROTECTION LITE

Art no: 7511

Long sleeve turtleneck with short zip for ventilation. The lengthwise seams are placed further back for optimal comfort, and the sleeves have raglan design to prevent any seam rub when carrying a backpack. The back is longer to prevent gaps.

Unisex XXS-XXL













CREWNECK PROTECTION LITE Art no: 7291

Long sleeve crewneck. The lengthwise seams are placed further back for optimal comfort. The sleeves have raglan design to prevent any seam rub when carrying a backpack. The back is longer to prevent gaps.

Unisex XXS-XXL











Art no: 9661





BALACLAVA PROTECTION LITE

The balaclava protects body parts that are normally exposed in a protective clothing system.

The flame resistant properties of the fabric offer

good protection not only from the cold, but also

from heat and flames. The balaclava has a snug fit

with flat lock seams that prevent chafing.







#### **BOXER PROTECTION LITE** Art no: 7591

Unisex boxer designed to be worn as undergarments. Smooth elastic waistband with knitted-in logo.

Unisex XXS-XXL



EN ISO 14116:2015, Index 3 EN 1149-5:2015



#### LONG JOHNS W's PROTECTION LITE

Art no: 4361

Full length Long Johns. The design is special with only one lengthwise seam and no inseam for optimal comfort. Smooth elastic waistband with knitted-in logo.

XXS - XL









S - XXL













# WOOLPOWER PROTECTION

# PROTECTION 400

#### MID LAYER

**THESE THICKER** garments are used as midlayers to increase insulation between the base layer and the wind and water resistant outer layer.

The mid layer garments are usually used at lower temperatures and lower activity levels. The Woolpower protection mid layer jackets are longer in the back and cuffs, which also have thumbholes. Protection 400 performs to specific EN standards, such as Flame Resistance, Antistatic and Electric Arc.

The use of 14% Aramide makes the garment very strong and durable.

# 400

INSULATION SCALE

LITE

PROTECTION 400
84% MERINO WOOL
14% ARAMIDE
1% ANTISTATIC
1% ELASTANE







ZIP TURTLENECK PROTECTION 400

Art no: 7514

Long sleeve turtleneck is made of circular knit fabric with terry loops and has no lengthwise seams in body. It has a short zipper for ventilation. The back is longer to prevent

Unisex XXS-XXXL











**FULL ZIP JACKET** PROTECTION 400

Art no: 7504

Full zip jacket has a high collar, cuffs with thumb holes and a full length zipper. It is made of circular knit fabric with terry loops. The back is longer to prevent gaps.

Unisex XXS-XXXL











**VEST** PROTECTION 400

Art no: 7524

Full zip vest has a high collar, straight bottom hem and a full length zipper. It is made of circular knit fabric with terry loops.

Unisex XXS-XXXL











**LONG JOHNS** PROTECTION 400

Art no: 7534

Long Johns are made of circular knit fabric with terry loops and have no lengthwise seams. A gusset in the back ensures optimal comfort. Cuffs are knitted in.

Unisex XXS-XXXL













LONG JOHNS WITH FLY PROTECTION 400

Art no: 6544

Long Johns are made of circular terry knit fabric and have no lengthwise seams. A gusset in the back ensures optimal comfort. Cuffs are knitted in. With fly.

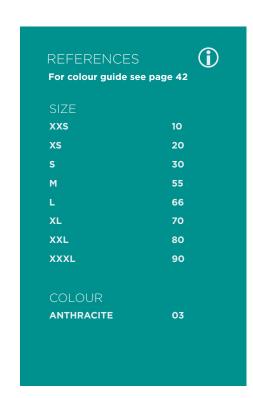
S-XXXL











#### **WOOLPOWER**

PROTECTION 400

## SOCKS & ACCESSORIES

**EVEN SMALL PARTS** of the body need to be protected. Woolpower offers a range of socks and accessories performing to the specific EN standards, such as Flame Resistance, Antistatic and Electric Arc.

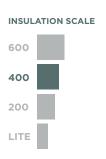
Keeping the feet and the head warm is particularly important to maintain the body's right temperature balance.

BALACLAVA
& HELMET CAP
PROTECTION 400
84% MERINO WOOL
15% ARAMIDE
1% ANTISTATIC



SOCKS
PROTECTION 400
60% MERINO WOOL
25% ARAMIDE
11% POLYAMIDE
2% ANTISTATIC
2% ELASTANE









#### SOCKS CLASSIC PROTECTION 400

Art no: 8434

Socks have insulating terry knit in feet and shafts. Extra elastic in the beginning and end of shaft for comfortable fit.

36-39 | 40-44 | 45-48

EN ISO 14116:2015, Index 3 EN 1149-5:2015



#### SOCKS KNEE HIGH PROTECTION 400

Art no: 8444

Socks have insulating terry knit in feet and shafts. Extra elastic in the beginning and end of shaft for comfortable fit.

36-39 | 40-44 | 45-48

EN ISO 14116:2015, Index 3 EN 1149-5:2015





#### BALACLAVA PROTECTION 400

Art no: 9554

The Balaclava has a single opening that can be configured to cover everything but the eyes. The lower edge of the opening can be pulled below the nose or the mouth for ventilation options. The neck is long for extra coverage.

ONE SIZE





**(i)** 









Art no: 9564

The snug fitting helmet liner covers the head and neck and is designed to make your head-protection fit well.

ONE SIZE









#### REFERENCES

For colour guide see page 42

SIZE	
ONE SIZE	00
SIZE SOCKS	
36-39	39
40-44	44
45-48	47
COLOUR	
ANTHRACITE	03



#### WOOLPOWER

#### ULLFROTTÉ 200-800

#### **SOCKS**

**Woolpower** has been making socks for different temperatures, activities and situations since the early 70's. This continued experience and deep knowledge about how important it is to have dry and warm feet is reflected in our wide range of products.

Keeping your feet warm and dry is essential to staying comfortable. Whatever your needs, Woolpower's sock range keeps your feet in the best shape possible, all year around.

Woolpower makes socks using our terryknit fabric Ullfrotté 200-800 and our flat-knit fabric LITE. Both knitting techniques create fabrics that provide excellent insulating functionality and retain warmth even when wet. The fabrics absorb and move perspiration away from the skin while still keeping you warm. They also contain polyamide, which increases shape stability and durability.



LINER

60% MERINO WOOL 35% POLYAMIDE 5% ELASTANE

SOCKS 200

50% MERINO WOOL 45% POLYAMIDE 5% ELASTANE

SOCKS LOGO 400

62% MERINO WOOL 33% POLYAMIDE 5% ELASTANE

SOCKS 400

64% MERINO WOOL 35% POLYAMIDE 1% ELASTANE

SOCKS 600 60% MERINO WOOL 40% POLYAMIDE

SOCKS 800

70% MERINO WOOL 30% POLYAMIDE

INSULATION SCALE



LINER

#### **SOCKS LINER** SHORT

#### Art no: 8401

A flat-knit short sock with elastane for snug, comfortable fit from our LITE collection. Integrated toe seam. Logo and size information are knitted in.



36 - 39 | 40 - 44 | 45 - 48



#### SOCKS CLASSIC 200

Art no: 8412

Ullfrotté 200 socks made with insulating terry knit in the feet and rib-knit shafts.



#### **SOCKS LINER CLASSIC**

Art no: 8411

A flat-knit middle-high sock with elastane for snug, comfortable fit from our LITE collection. Integrated toe seam, Logo and size information are knitted in.

36 - 39 | 40 - 44 | 45 - 48

SOCKS CLASSIC

400

Art no: 8414

comfortable fit.



toe seam. Logo and size information are knitted in.

A flat-knit knee-high sock

with elastane for snug,

comfortable fit from our

LITE collection. Integrated

**SOCKS LINER** 

KNEE-HIGH

Art no: 8481

36 - 39 | 40 - 44 | 45 - 48





#### SOCKS CLASSIC LOGO 400

Art no: 8424

Ullfrotté 400 socks with insulating terry knit in feet and shafts. Extra elasticity at ankle and end of shaft for comfortable fit.



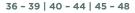
36 - 39 | 40 - 44 | 45 - 48





#### 36 - 39 | 40 - 44 | 45 - 48







#### SOCKS KNEE-HIGH 400

Art no: 8484

Knee high Ullfrotté 400 socks with insulating terry knit in feet and shafts. Extra elasticity at ankle and end of shaft for comfortable fit.



#### SOCKS CLASSIC 600

Art no: 8416

Ullfrotté 600 socks with insulating terry knit in feet and shafts. Extra elasticity at ankle and end of shaft for comfortable fit.



**PINE GREEN** 

#### **SOCKS** KNEE-HIGH 600

Art no: 8486

Knee high Ullfrotté 600 socks with insulating terry knit in feet and shafts. Extra elasticity at ankle and end of shaft for comfortable fit.



36 - 39 | 40 - 44 | 45 - 48



36 - 39 | 40 - 44 | 45 - 48



36 - 39 | 40 - 44 | 45 - 48



#### SOCKS CLASSIC 800

Art no: 8418

Ullfrotté 800 socks with insulating terry knit in feet and shafts. Extra elasticity at ankle and end of shaft for comfortable fit.



37 - 39 | 40 - 42 | 43 - 45 | 46 - 48



#### REFERENCES For colour guide see page 42

g		
	SIZE	SIZE SOCKS CLASSIC 80

COLOUR		SIZE		SIZE SO	
BLACK	00	36-39	39	37-39	37
GREY	10	40-44	44	40-42	42
GREY MELANGE	13	45-48	47	43-45	45
RUST RED	60			46-48	48
AUTUMN RED	61				
DARK NAVY	89				
FOREST GREEN	90				

93

#### WOOLPOWER SKILLED

#### **SOCKS**

**Since** <sup>1969</sup> when the Woolpower company opened its doors for the first time, we have always aimed to make progress without compromising on either quality or sustainable production.

As we've made progress we have learned a lot. Both about ourselves, and about how to adapt the thickness of our fabrics to suit your and our environment. Ullfrotté Original and LITE are our best fabric compositions and we have now chosen to unite them.

Together with our users, who have worn and tested Woolpower's products year after year, we have developed our most advanced functional socks so far: Skilled Socks.

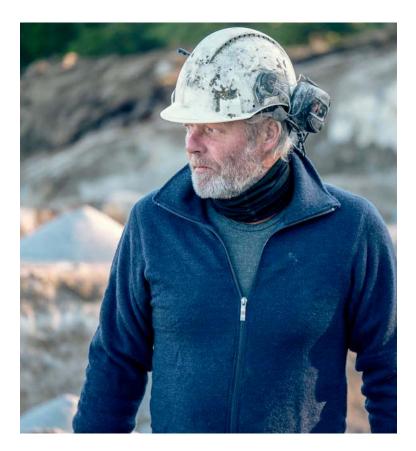
The socks are available in two thicknesses and in several lengths. They are built with multiple panels that are adapted to the shape of the foot and external wear and tear.

Skilled Socks pad the foot and soften your steps. They are designed to prevent blisters, for example from the lacing on a shoe. When you move, Skilled Socks seal around your foot and stay in place.

SKILLED LINER
60% MERINO WOOL
37% POLYAMIDE
3% ELASTANE

SKILLED 400 62% MERINO WOOL 35% POLYAMIDE 3% ELASTANE











#### SOCKS SKILLED LINER SHORT Art no: 8801

Skilled Liner Short is a technically constructed sock that is flat-knit and uses mesh panels to enhance the features of the sock. Thanks to its mixed knitting technologies it fits perfectly on the foot, reduces the risk of blisters and provides extra support and ventilation where needed.

36 - 39 | 40 - 44 | 45 - 48



36 - 39 | 40 - 44 | 45 - 48



#### SOCKS SKILLED LINER CLASSIC Art no: 8811

Skilled Liner Classic is a medium-high, technically constructed sock that is flat-knit and uses mesh panels to enhance the features of the sock. Thanks to its mixed knitting technologies it fits perfectly on the foot, reduces the risk of blisters and provides extra support and ventilation where needed.

#### SOCKS SKILLED LINER KNEE-HIGH Art no: 8821

Skilled Liner Knee-High is a technically constructed sock that is flat-knit and uses mesh panels to enhance the features of the sock. Thanks to its mixed knitting technologies it fits perfectly on the foot, reduces the risk of blisters and provides extra support and ventilation where needed.

36 - 39 | 40 - 44 | 45 - 48





#### SOCKS SKILLED KNEE-HIGH 400 Art no: 8824

Skilled Knee High 400 is a technically constructed sock that uses flat-knit, terry-knit and supportive knitting to get the best fit, insulation and comfort. Cleverly placed flat-knit panels also reduce the risk of blisters.

36 - 39 | 40 - 44 | 45 - 48





#### SOCKS SKILLED CLASSIC 400 Art no: 8814

Skilled Classic 400 is a medium-high, technically constructed sock that uses flat-knit, terry-knit and supportive knitting to get the best fit, insulation and comfort. Cleverly placed flat-knit panels also reduce the risk of blisters.

36 - 39 | 40 - 44 | 45 - 48



# REFERENCES For colour guide see page 42 COLOUR DARK GREY/BLACK 06 DARK GREY/GREY 16 DARK NAVY /NORDIC BLUE 82 SIZE 36-39 39 40-44 44 45-48 47

#### **WOOLPOWER SKILLED**

#### LINER KNEE-HIGH

**SKILLED LINER KNEE-HIGH** is a technically constructed flat-knit sock. They are designed to prevent blisters, for example from the lacing on a shoe. When you move, Skilled Liner Knee-high seal around your foot and stay in place.

On the back of the calf there is a stabilising elasticated band. It reinforces and tightens the front so that it sits firmly against the skin. On top of the foot there's a breathable mesh panel that transports moisture away from the foot. There is extra support for the arch, the heel is reinforced and the front seam is integrated.





# SKILLED mix of fla and comf They are 400 seal crease pa extra sup ANKLE GRIP NON-CREASE ARCH AND BRIDGE GRIP INSULATION INTEGRATED SEAM

## WOOLPOWER SKILLED

KNEE-HIGH 400

**SKILLED LINER KNEE-HIGH 400** is a technically constructed sock that uses a mix of flat-knit, terry knit and supportive knitting to get the best fit, insulation and comfort.

They are designed to prevent blisters and when you move Skilled Knee-high 400 seal around your foot and stay in place. On top of the foot there's an noncrease panel that tightens the front so that it sits firmly on the foot. There is extra support for the arch, the heel is reinforced and the front seam is integrated.



#### **WOOLPOWER** ULLFROTTÉ 200-400

#### **ACCESSORIES**

THE UNIQUE Woolpower Ullfrotté Original fabric is useful in so many ways and situations.

Our range of accessories, for example, fills the need to keep smaller body parts warm. Keeping hands and heads warm is particularly important to maintain the body's right temperature balance.

200 **60% MERINO WOOL** 25% POLYESTER 15% POLYAMIDE

200 WRIST GAITER **60% MERINO WOOL** 25% POLYESTER 13% POLYAMIDE 2% ELASTANE

400 70% MERINO WOOL **30% POLYAMIDE** 

**FELT INSOLES** min. 50% MERINO WOOL max. 50% SYNTHETIC



#### **INSULATION SCALE**





BEANIE CLASSIC Art no: 9854

Beanie Classic is an everyday beanie. The beanie is double-layered and rib-knitted giving it a good fit and shape. The folded edge of the beanie can be rolled down.

#### ONE SIZE



#### BEANIE LITE Art no: 9621

Snug fitting beanie with double lavered fabric for optimal insulation.

ONE SIZE













**BEANIE RIB** Art no: 9866

Beanie Rib is a classic, 2:2 rib-knitted beanie.

The thicker yarn used for this beanie creates a slightly thicker beanie, perfect for our

northern climate. The beanie is shorter to

fit tightly against the head and it has a wide



Cap has double layers of terry knit fabric for optimal insulation.

**ONE SIZE** 





#### HELMET CAP 400 Art no: 9644

The snug fitting helmet liner covers the head and neck.

**ONE SIZE** 





#### **BALACLAVA LITE** Art no: 9651

The snug fitting balaclava. Thin but still offers great protection in cold weather. The flatlock seams prevent chafing so the balaclava can be used under a helmet.

**ONE SIZE** 







#### **BALACLAVA 200** Art no: 9652

Balaclava made out of

terry knit fabric. It has a single opening that can be configured to cover everything but the eyes. The lower edge of the opening can be pulled below the nose or the mouth for ventilation options.

S & L





Balaclava has a single opening that can be configured to cover everything but the eyes. The lower edge of the opening can be pulled below the nose or the mouth for ventilation options. The neck is long for extra coverage.

ONE SIZE







#### TUBF LITE Art no: 9601

Tube that can be used as a neck gaiter, headband or beanie. 40 cm long.









**TUBE 200** Art no: 9602

Tube 200 is made of circular terry knit fabric. It is 30 cm long and can be used as headband and neck gaiter.











(i)

00

10

14

60

61

83

89

90

93

30

55

66

00

Art no: 9672



WRIST GAITER 200

Wrist gaiter with thumb

hole, made from circular

on the inside. It has the

knit fabric with terry loops

Woolpower logo knitted in





#### ONE SIZE

#### MITTENS THIN 400 Art no: 9744

Mittens Thin are made from single layered terry knit fabric and are excellent as warmer liners for mittens. The seam is on the outside.





**COLOUR:** Recycle Grey

REFERENCES

**RECYCLE GREY** 

**AUTUMN RED** 

NORDIC BLUE

**FOREST GREEN** 

**DARK NAVY** 

**PINE GREEN** 

**ONE SIZE** 

М

**RUST RED** 

BLACK

**GREY** 

For colour guide see page 42

DARK NAVY/NORDIC BLUE

SIZE ACCESSORIES

Sit pads made of the recycled Merino wool from our own production waste. The colour can vary depending on the different colours of the clothes, but will be predominantly grey. The Woolpower logo is sewn in as a label with text on the other side. Available in three sizes.

**ONE SIZE** 

















#### MITTENS 400 Art no: 9754

and is 18 cm long.

Mittens are made from double layered terry knit fabric for optimal insulation and are excellent as warmer liners for shell mittens.



**HEADBAND 200** 

Art no: 9612

The headband is made of double layers of 200 terry-knit.

ONE SIZE









#### **BELLY WARMER 200**

Art no: 9512

Belly warmer for pregnant women that has an elastic upper edge and no lengthwise seams. It is made from Ullfrotté 200 with a smooth surface on the outside and terry loops on the inside.



#### **WOOLCARE**

Art. no 10490000

A Woolwash gentle to both the environment and your clothes. It contains no enzymes and only low impact renewable surfactants. The woolen garment will be clean and long lasting. It also contains the natural wool fat lanolin to protect the delicate fibres of





#### **FELT INSOLES** Art. no 5715

Felt Insoles made of production waste from fabric in various colours. The high wool content gives good insulation and moisture management properties. The colour differs depending on what waste fabric that has been used but will be predominantly grey.

36 - 37 | 38 - 39 | 40 - 41 | 42 - 43 | 44 - 45 | 46 - 47

**COLOUR:** Recycle Grev





33

SIZE INSOLES 36-37 38-39 82 40-41 83 42-43 84 44-45 85 46-47 86

SMALL 30 **MEDIUM** LARGE 66

#### **SIZE GUIDE - BODY MEASUREMENTS**

MENS UPPERS AND BOTTOMS ULLFROTTÉ ORIGINAL & LITE SERIES										
Garment size		xs	s	М	L	XL	XXL	XXXL		
Numerical size EU		42	44_46	48_50	52_54	56_58	60_62	64		
Body measurments (cm)	Chest	-86	86-94	94-102	102-110	110-118	118-126	126+		
•	Armlength	-61	61-63	63-65	65-67	67-68	68-69	69+		
MEASURMENTS  CM	Waist	-74	74-82	82-90	90-98	98-106	106-114	114+	Quick referen guide Men:	
	Seat	-90	90-98	98-106	106-114	114-122	122-130	130+	You should buy size you	
	Inner leg length	-80	82	84	85	86	87	88+	normally buy <b>Example:</b> If you  a Mens <b>L</b> you a	
Body measurments (inches)	Chest	-34	34-37	37-40	40-43,5	43,5-46,5	46,5-49,5	49,5+	choose a Woolpower	
MENS BODY MEASURMENTS INCHES	Armlength	-24	24-25	25-25,5	25,5-26,5	26,5-27	27	27+		
	Waist	-29	29-32	32-35,5	35,5-38,5	38,5-41,5	41,5-45	45+		
	Seat	-35,5	35,5-38,5	38,5-41,5	41,5-45	45-48	48-51	51+		
	Inner leg length	-31,5	32,5	33	33,5	34	34	34,5+		

KIDS									
Size Centilo	ong		86_92	98_104	110_116	122_128	134_140		
Age			1-2 years	³-⁴ years	5-6 years	<sup>7</sup> -8 years	9-10 years		
KIDS BODY MEASURMENTS	Chest	53-54	55-56	57-58	61-64	67-70			
	Waist	50-51	52-53	54-55	56-58	59-61			
JIL	СМ	Seat	53-55	57-59	61-63	66-69	72-75		
	KIDS BODY	Chest	21	21,5-22	22,5-23	24-25	26-27,5		
MEASURMENTS	Waist	19,5-20	20,5-21	21-21,5	22-23	23-24			
	INCHES	Seat	21-21,5	22,5-23	24-25	26-27	28-29,5		

WOOLPOWER GARMENTS									
NAME	SIZE	SIZE RANGE	KNITTING						
Ullfrotté Uppers	Unisex	XXS-XXXL	Terry Loop						
Ullfrotté Bottoms	Unisex	XXS-XXXL	Terry Loop						
LITE Uppers	Unisex	XXS-XXL	Rib 1:1						
LITE Bottoms	Men	S-XXL	Rib 1:1						
LITE Bottoms	Women	XXS-XL	Rib 1:1						

MEASURING INSTR	UCTION	S	
Chest Widest point circumference measured under armpit			
Waist Waist circumference		4	
Seat Circumference widest point of seat			
Armlength Outer shoulderpoint to wrist	W	W	
Inner leg length From Crotch to floor			

WOMENS ULLFROTTÉ	ORIGINA	L						
Garment size		xxs	xs	s	М	L	XL	XXL
What you usually wear		xs	s	М	L	XL	XXL	XXXL
Numerical size		32_34	36_38	40_42	44_46	48_50	52_54	56_58
ody measurments (cm)	Chest	-82	82-90	90-98	98-106	106-116	116-130	130+
	Armlength	-58	59	60	61	62	63	63+
WOMENS BODY MEASURMENTS	Waist	-66	66-74	74-82	82-90	90-100	100-114	114+
СМ	Seat	-90	90-98	98-106	106-114	114-122	122-130	130+
Д	Inner leg length	-77	78	80	81	82	83	83+
ody measurments (inches)	Chest	-32	32-35,5	35,5-38,5	38,5-41,5	41,5-45,5	45,5-51	51+
	Armlength	-23	23	23,5	24	24,5	25	25+
WOMENS BODY MEASURMENTS	Waist	-26	26-29	29-32	32-35,5	35,5-39,5	39,5-45	45+
INCHES	Seat	-35,5	35,5-38,5	38,5-41,5	41,5-45	45-48	48-51	51+
Д	Inner leg length	-30	30,5	31,5	32	32	32,5	32,5+

WOMENS UPPERS, LITE SERIES										
Garment Size	е		xxs	xs	s	М	L	XL	Quick reference	
Numerical si	ze		_32	32_34	36_38	40_42	44_46	48_50	guide Women: You need to	
	WOMENS BODY MEASURMENTS	Chest	-82	82-90	90-98	98-106	106-116	116-130	downsize 1 size on our LITE upper	
V	СМ	Armlength	-58	59	60	61	62	63	garments. <b>Example:</b> If you are	
	WOMENS BODY MEASURMENTS	Chest	-32	32-35,5	35,5-38,5	38,5-41,5	41,5-45,5	45,5-51	a womens <b>M</b> you should choose <b>S</b> for	
V	INCHES	Armlength	-23	23	23,5	24	24,5	25	our LITE garments.	

WOMENS BOTTOMS, LITE SERIES										
Garment Size		xxs	xs	s	М	L	XL			
Numerical size		_32	32_34	36_38	40_42	44_46	48_50			
WOMANS BODY MEASURMENTS  CM  WOMANS BODY MEASURMENTS  INCHES	Waist	-60	60-66	66-74	74-82	82-90	90+	Quick reference guide Womens:		
	Seat	-82	82-90	90-98	98-106	106-114	114+	You should buy the size you normally		
	Inner leg length	-76	77	78	80	81	82+	buy on bottoms. <b>Example:</b> If you have womens <b>M</b> yo u also		
	Waist	-23,5	23,5-26	26-29	29-32,5	32,5-35,5	35,5+	buy a Woolpower womens <b>M</b> .		
	Seat	-32,5	32,5-35,5	35,5-38,5	38,5-42	42-45	45+			
	Inner leg length	-30	30,5	30,5	31,5	32	32+			

#### **HOW TO ORDER**



The complete article number has eight digits. The first four digits describe the model. The two following digits describe the colour of the product and the last two the size.

EXAMPLE: ordering a Zip turtleneck 200 Dark navy medium



ZIP TURTLENECK 200 Art no: 7222

XXS - XXXL



UNISEX = 7 **Zip Turtleneck** = 22 200 g/m<sup>2</sup> = 2 Dark navy = 89 = 55



The complete article number is: 72228955

#### **COLOUR GUIDE**

**BLACK** 



DARK NAVY



DARK NAVY/NORDIC BLUE



**ANTHRACITE** 

**GREY** 



**FOREST GREEN** 



**BLACK/GREY** 



**RUST RED** 



**PINE GREEN** 



**DARK GREY/GREY** 



**AUTUMN RED** 



NORDIC BLUE



**GREY MELANGE** 

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