





our history

Sub Zero Technology Ltd is a 3rd generation family business. We have been designing, developing and manufacturing technical outdoor clothing in our United Kingdom factory since 1969. We were one of the first companies in the world to manufacture synthetic fleece jackets, championed the use of synthetic base layers and mid-layers at a time when cotton was still king, and have won numerous industry awards.

When a customer buys in to the Sub Zero range they can rest assured that they own one of the most technically advanced clothing systems currently available. All of our ranges are designed to compliment each other and the right combinations will provide effective performance in most weather situations.

We have been certified to the international quality standard ISO 9001:2008 for over 15 years, and we are currently working towards the international environmental management standard ISO 14001 as we believe that our company should be reducing its environmental footprint and decreasing the pollution and waste we produce.



all active

all active high aerobic

Sub Zero All Active Cooling baselayers are manufactured using the latest seamless technology. Instead of the traditional cut and sew technique for adding features, the machines we employ can knit in the desired attributes without seams. This eliminates rub points and possible stitch weakness in the garment.

all active long sleeve

style code: SZAALS | sizes: S-XL

White



Black



- Fine mesh zones on chest, underarm and spine
- Seamless body
- Set-in sleeves to maximise wicking and comfort
- Low profile neck and cuff finish
- Generous body length avoids lower back exposure
- Sun protection factor: 50+
- TOG: 0.23
- Fabric: 91% Polyamide, 9% Elastane
- Average weight: 175g
- Unisex sizing
- Manufactured in UK

all active short sleeve

style code: SZAASS | sizes: S-XL

White



Black



- Fine mesh zones on chest, underarm and spine
- Seamless body
- Set-in sleeves to maximise wicking and comfort
- Low profile neck and sleeve finish
- Generous body length avoids lower back exposure
- Sun protection factor: 50+
- TOG: 0.23
- Fabric: 91% Polyamide, 9% Elastane
- Average weight: 125g
- Unisex sizing
- Manufactured in UK

all active mens boxer shorts

style code: SZAAMUS | sizes: M-XL

White



Black



- Stretch rib thigh support
- Mesh back panel for heat and perspiration removal
- Rib knit groin support
- Flat seamed gusset closure to prevent rubbing
- Low profile soft waist band
- Half thigh leg length
- Sun protection factor: 50+
- TOG: 0.23
- Fabric: 91% Polyamide, 9% Elastane
- Average weight: 75g
- Manufactured in UK

all active high aerobic

The cooling garments are produced from super fine, super light-weight knitted polyamide fabric which features a smooth technically innovative seamless body for total chafe free comfort. A hydrophilic treatment impregnated in to the fabric fibres quickly transports moisture away from the skins surface to the outer layer of the fabric.

all active ladies bra top

style code: SZAABWT
sizes: Small - Medium (UK Womens 8-10 & 10-12)

White



- Highly breathable fine knit bust area
- Seamless body
- Off the shoulder set arm holes
- Low profile arm, neck and waist band
- Flat seam shoulder stitch to avoid rubbing
- Sun protection factor: 50+
- TOG: 0.23
- Fabric: 91% Polyamide, 9% Elastane
- Average weight: 65g
- Manufactured in UK

all active ladies sleeveless top

style code: SZAABWT
sizes: Small - Medium (UK Womens 8-10 & 10-12)

White



- Highly breathable fine knit bust area
- Seamless body
- Off the shoulder set arm holes
- Low profile arm and neck finish
- Flat seam shoulder stitch to avoid rubbing
- Generous body length avoids lower back exposure
- Sun protection factor: 50+
- TOG: 0.23
- Fabric: 91% Polyamide, 9% Elastane
- Average weight: 95g
- Manufactured in UK

all active ladies undershorts

style code: SZAABWT
sizes: Small - Medium (UK Womens 8-10 & 10-12)

White



- Stretch rib thigh support
- Mesh back panel for heat and perspiration removal
- Flat seamed gusset closure to prevent rubbing
- Low profile soft waist band
- Sun protection factor: 50+
- TOG: 0.23
- Fabric: 91% Polyamide, 9% Elastane
- Average weight: 50g
- Manufactured in UK



cool t

cool t cooling

Cool T garments are manufactured from Tactel Aquator, a unique bi-component fabric construction designed for high activity sports that bring maximum sensorial and physiological comfort. This fabric is extremely efficient at moisture management by actively transporting moisture from the surface of the skin to the outer surface of the fabric. Here moisture will flash (spread) across the garments surface to evaporate into the atmosphere.

cool t long sleeve

style code: SZCTL5 | sizes: XS-XXL



- Bi-component fabric
- Minimum heat retention
- Extremely fast wicking
- Set-in sleeves to maximise wicking and comfort
- Generous body length avoids lower back exposure
- Sun protection factor: 100+
- TOG: 0.22
- Fabric: 100% Polyamide
- Average weight: 140g
- Unisex sizing
- Manufactured in UK

cool t short sleeve

style code: SZCT55 | sizes: XS-XXL



- Bi-component fabric
- Minimum heat retention
- Extremely fast wicking
- Set-in sleeves to maximise wicking and comfort
- Generous body length avoids lower back exposure
- Sun protection factor: 100+
- TOG: 0.22
- Fabric: 100% Polyamide
- Average weight: 130g
- Unisex sizing
- Manufactured in UK

cool t one piece suit

style code: SZCTOPS | sizes: XS-XXL



- No-chafe, flat stretch seams
- Set-in sleeves to maximise insulation and wicking
- Full length 2-way zipper
- Bi-component fabric
- Lightweight and quick drying
- Sun Protection Factor: 100+
- TOG: 0.22
- Fabric: 100% Polyamide
- Average weight: 200g
- Unisex sizing
- Manufactured in UK





factor 1

factor 1 thermal

Sub Zero Factor 1 garments are one of the most technical range of baselayer thermal underwear available. They are manufactured from a lightweight rib 100% Polyamide fabric designed to be worn next to the body. Each fibre is impregnated with a hydrophilic finish that transports moisture away from the skin and disperses it over a large area of the outer layer of the fabric so it can easily evaporate.

factor 1 long sleeve

style code: SZF1LS | sizes: XS-XXL



- No-chafe, flat shoulder seams
- Seamless body for extra comfort (flat side seams on XSmall & XXL)
- Long body length
- Set-in sleeves to maximise insulation and wicking
- Sun Protection Factor: 50+
- TOG: 0.42
- Fabric: 100% Polyamide
- Average weight: 160g
- Unisex sizing
- Manufactured in UK

factor 1 short sleeve

style code: SZF1SS | sizes: XS-XXL



- No-chafe, flat shoulder seams
- Seamless body for extra comfort (flat side seams on XSmall & XXL)
- Long body length
- Set-in sleeves to maximise insulation and wicking
- Sun Protection Factor: 50+
- TOG: 0.42
- Fabric: 100% Polyamide
- Average weight: 140g
- Unisex sizing
- Manufactured in UK

factor 1 turtle neck

style code: SZF1TN | sizes: XS-XXL



- No-chafe, flat shoulder seams
- Seamless body for extra comfort (flat side seams on XSmall & XXL)
- Long body length
- Set-in sleeves to maximise insulation and wicking
- 5cm high double thickness collar
- Sun Protection Factor: 50+
- TOG: 0.42
- Fabric: 100% Polyamide
- Average weight: 160g
- Unisex sizing
- Manufactured in UK



factor 1 thermal

This provides a warm dry microclimate next to the skin that gives you greater performance and activity longevity. An ideal thermal baselayer system for cycling, walking & hiking, skiing, running, golf and climbing.

factor 1 turtle neck zip

style code: SZF1ZT | sizes: XS-XXL



- No-chafe, flat shoulder seams
- Seamless body for extra comfort (flat side seams on XSmall & XXL)
- Long body length
- Set-in sleeves to maximise insulation and wicking
- 18cm long zip collar with fabric zip pull
- Sun Protection Factor: 50+
- TOG: 0.42
- Fabric: 100% Polyamide
- Average weight: 175g
- Unisex sizing
- Manufactured in UK

factor 1 mens long john

style code: SZF1LJ | sizes: XS-XXL



- Double gusset for added protection from the cold
- Double fly pouch opening
- Flat ankle seams to reduce boot pressure
- Low profile elasticised waist
- High rise back for kidney protection
- Sun Protection Factor: 50+
- TOG: 0.42
- Fabric: 100% Polyamide
- Average weight: 130g
- Manufactured in UK

factor 1 bloo john

style code: SZF1BJ | sizes: XS-XXL



- Double thickness gusset for added protection from the cold
- Flat ankle seams to reduce boot pressure
- Low profile elasticised waist
- High rise back for kidney protection
- Sun Protection Factor: 50+
- TOG: 0.42
- Fabric: 100% Polyamide
- Average weight: 130g
- Unisex sizing
- Manufactured in UK



factor 1+

factor 1+ thermal

Sub Zero Factor 1 Plus baselayers are manufactured using the latest seamless technology. Instead of the traditional cut and sew technique for adding features, the machines we employ can knit in the desired attributes without seams. This eliminates rub points and possible stitch weakness in the garment. An ideal thermal baselayer system for cycling, walking & hiking, skiing, running, golf and climbing.

factor 1+ long sleeve seamless

style code: SZF1PLS | sizes: XS-XXL



- No-chafe, flat shoulder seams
- Seamless body for extra comfort
- Long body length
- Set-in sleeves to maximise insulation and wicking
- Stretch rib zones for support
- Waffle zones for enhanced heat retention and wicking
- Supersoft construction
- Sun protection factor: 50+
- TOG: 0.47
- Fabric: 100% Polyamide
- Average weight: 200g
- Unisex sizing
- Manufactured in Europe

factor 1+ short sleeve seamless

style code: SZF1PSS | sizes: XS-XXL



- No-chafe, flat shoulder seams
- Seamless body for extra comfort
- Long body length
- Set-in sleeves to maximise insulation and wicking
- Stretch rib zones for support
- Waffle zones for enhanced heat retention and wicking
- Supersoft construction
- Sun protection factor: 50+
- TOG: 0.47
- Fabric: 100% Polyamide
- Average weight: 150g
- Unisex sizing
- Manufactured in Europe

factor 1+ bloo john

style code: SZF1PBJ | sizes: XS-XXL



- Flat ankle seams to reduce boot pressure
- Low profile elasticised waist
- High rise back for kidney protection
- Stretch rib zones for support
- Waffle zones for enhanced heat retention and wicking
- Supersoft construction
- Sun protection factor: 50+
- TOG: 0.47
- Fabric: 100% Polyamide
- Average weight: 170g
- Unisex sizing
- Manufactured in Europe

factor 1+ womens thermal

High performance womens breathable base layer under garments act as lightweight thermals. Part of the Sub Zero system of graded warmth that creates a micro-climate to control body temperature by effectively managing perspiration in any situation.

factor 1+ womens long sleeve seamless

style code: SZF1PWLS | sizes: S-L



- No-chafe, flat shoulder seams
- Seamless body for extra comfort
- Long body length
- Set-in sleeves to maximise insulation and wicking
- Stretch rib zones for bust support
- Waffle zones for enhanced heat retention and wicking
- Supersoft construction
- Sun protection factor: 50+
- TOG: 0.47
- Fabric: 100% Polyamide
- Average weight: 200g
- Unisex sizing
- Manufactured in Europe

factor 1+ womens bloo john leggings

style code: SZF1PWBJ | sizes: S-L



- Flat ankle seams to reduce boot pressure
- Low profile elasticised waist
- High rise back for kidney protection
- Stretch rib zones for support
- Waffle zones for enhanced heat retention and wicking
- Supersoft construction
- Sun protection factor: 50+
- TOG: 0.47
- Fabric: 100% Polyamide
- Average weight: 170g
- Unisex sizing
- Manufactured in Europe



meraklon

meraklon thermal

Meraklon Mid Layer Thermal Underwear by Sub Zero are manufactured from fabric knitted from worsted 100% Polypropylene yarn. Worsteds yarns are bulkier than normal spun yarns enabling the finished fabric to be heavily brushed on the inside face to produce a soft fleece layer next to the skin. The advantages of using Polypropylene yarn is that it absorb very little water, 160 times less absorbent than cotton and 8 times less than Polyester, but wicks moisture very quickly.

meraklon long sleeve

style code: SZMKLS | sizes: XS-XXL



- Soft fleece inner face
- Seamless body for extra comfort (side seams on XS & XXL)
- Long body length
- Set-in sleeves to maximise insulation and wicking
- Double thickness cuffs
- Hypoallergenic
- Chemically inert
- Sun protection factor: 50+
- TOG: 0.60
- Fabric: 100% Polypropylene
- Average weight: 295g
- Unisex sizing
- Manufactured in UK

meraklon short sleeve

style code: SZMKSS | sizes: XS-XXL



- Soft fleece inner face
- Seamless body for extra comfort (side seams on XS & XXL)
- Long body length
- Set-in sleeves to maximise insulation and wicking
- Hypoallergenic
- Chemically inert
- Sun protection factor: 50+
- TOG: 0.60
- Fabric: 100% Polypropylene
- Average weight: 250g
- Unisex sizing
- Manufactured in UK



meraklon thermal

Polypropylene is also chemically inert which means it has great hypoallergenic properties. The resulting hypoallergenic Meraklon fabric, combined with its low water absorbency, is of great benefit to people with skin conditions such as Eczema. Being chemically inert with a high melting point also means it is very strongly resistant to acids and other chemicals, making it an ideal thermal base layer for industrial applications.

meraklon mens long john

style code: SZMKLJ | sizes: XS-XXL



- Soft fleece inner face
- Double thickness flap opening
- High waist
- Double thickness cuffs
- Hypoallergenic
- Chemically inert
- Sun protection factor: 50+
- TOG: 0.60
- Fabric: 100% Polypropylene
- Average weight: 280g
- Unisex sizing
- Manufactured in UK

meraklon bloo john

style code: SZMKBJ | sizes: XS-XXL



- Soft fleece inner face
- High waist
- Double thickness cuffs
- Hypoallergenic
- Chemically inert
- Sun protection factor: 50+
- TOG: 0.60
- Fabric: 100% Polypropylene
- Average weight: 260g
- Unisex sizing
- Manufactured in UK



factor 2 thermal

Sub Zero Factor 2 is a unique technical thermal mid-layer range. We have specially developed and manufactured our double sided Factor 2 fabric with a harder wearing anti-pill outer surface and a super soft brushed fleece inner. Factor 2 thermals can be worn on their own or on top of our Factor 1 baselayers when the temperature plummets.

factor 2 long sleeve

style code: SZF2LS | sizes: XS-5XXL



- No-chafe, flat stretch shoulder and side seams
- Long body length with back drop
- Thumb cuff holes
- Set-in sleeves to maximise insulation and wicking
- Hydrophilic fibre impregnation
- Sun Protection Factor: 100+
- TOG: 0.72
- Fabric: 94% Polyester, 6% Spandex
- Average weight: 270g
- Unisex sizing
- Manufactured in UK

factor 2 turtle neck zip

style code: SZF2TZ | sizes: XS-5XXL



- No-chafe, flat stretch shoulder and side seams
- Long body length with back drop
- Thumb cuff holes
- 18cm long zip collar with chin guard and wind baffle
- Set-in sleeves to maximise insulation and wicking
- Hydrophilic fibre impregnation
- Sun Protection Factor: 100+
- TOG: 0.72
- Fabric: 94% Polyester, 6% Spandex
- Average weight: 295g
- Unisex sizing
- Manufactured in UK

factor 2 bloo john

style code: SZF2BJ | sizes: XS-5XXL



- No-chafe, flat stretch seams
- Low profile elasticated waist
- High rise back for kidney protection
- Hydrophilic fibre impregnation
- Sun Protection Factor: 100+
- TOG: 0.72
- Fabric: 94% Polyester, 6% Spandex
- Average weight: 250g
- Unisex sizing
- Manufactured in UK

factor 2 thermal

The two main functions of Factor 2 garments is to transport perspiration away from your skin, or the surface of Factor 1 baselayer garments, to its outer surface to disperse. At the same time the inner brushed fleece surface traps warm air to insulate the body keeping it dry, cosy and a comfortable even temperature. The Factor 2 thermal midlayer range is regarded as one of the warmest undergarments available on the market today.

factor 2 mens long john

style code: SZF2LJ | sizes: XS-5XXL



- No-chafe, flat stretch seams
- Low profile elasticated waist
- High rise back for kidney protection
- Double fly pouch opening
- Hydrophilic fibre impregnation
- Sun Protection Factor: 100+
- TOG: 0.72
- Fabric: 94% Polyester, 6% Spandex
- Average weight: 250g
- Manufactured in UK

factor 2 one piece suit

style code: SZF20PS | sizes: XS-5XXL



- No-chafe, flat stretch seams
- Set-in sleeves to maximise insulation and wicking
- Full length 2-way zipper
- Elasticated foot stirrups
- Sun Protection Factor: 100+
- TOG: 0.72
- Fabric: 94% Polyester, 6% Spandex
- Average weight: 420g
- Unisex sizing
- Manufactured in UK



merino

merino wool series thermal

Not only are these baselayers produced from the worlds finest and softest Merino wool, they are also manufactured using state of the art technology. This 'Whole Body' knitting process means that there are no seams at all in the garment - not even on the arms or shoulders! This process also allows us to knit features in the garment that will aid the wearer.

merino mens long sleeve

style code: SZMWMLS | sizes: S-XL



- Totally seamless garment for ultimate comfort
- Long body length
- Rib muscle support
- Contoured drop back
- Low profile neck
- Sun Protection Factor: 50+
- TOG: 0.44
- Fabric: 94% Merino Wool, 6% Lycra
- Average weight: 175g
- Manufactured in UK

merino womens long sleeve

style code: SZMWLWS | sizes: S-XL



- Totally seamless garment for ultimate comfort
- Long body length
- Rib muscle support
- Ribbed bust support
- Low profile neck
- Sun Protection Factor: 50+
- TOG: 0.44
- Fabric: 94% Merino Wool, 6% Lycra
- Average weight: 170g
- Manufactured in UK

merino bloo john

style code: SZMWUBJ | sizes: S-XL



- Flat ankle seams to reduce boot pressure
- Flat stretch waist & ankles
- High rise back for kidney protection
- Stretch rib zones for support
- Sun protection factor: 50+
- TOG: 0.44
- Fabric: 94% Merino Wool, 6% Lycra
- Average weight: 140g
- Unisex sizing
- Manufactured in UK





fleece jackets

fleece jackets

Manufactured from super warm 361gm/m² Polar fleece, these jackets and vest have a velour anti-pill finish on the outside and a deep pile lambs wool structure on the reverse for added loft. An ideal jacket for wearing on its own or as an extra insulation layer when hiking and trekking.

polar fleece mens jacket

style code: SZBPMF | sizes: S-XXL

Graphite



- High wind resistance
- High wicking
- Highly breathable
- 2 hand warmer pockets
- Full length YKK zip
- Single hand operation elasticated hem draw cord
- Sun Protection Factor: 100+
- Fabric: 84% Polyester, 16% Rayon
- Average weight: 675g
- Manufactured in UK

polar fleece womens jacket

style code: SZBPWF | sizes: XS-XL

Graphite



- High wind resistance
- High wicking
- Highly breathable
- Tailored womens fit
- 2 hand warmer pockets
- Full length YKK zip
- Single hand operation elasticated hem draw cord
- Sun Protection Factor: 100+
- Fabric: 84% Polyester, 16% Rayon
- Average weight: 600g
- Manufactured in UK

unisex polar fleece vest

style code: SZBPUV | sizes: S-XXL

Graphite



- High wind resistance
- High wicking
- Highly breathable
- Tailored womens fit
- 2 hand warmer pockets
- Full length YKK zip
- Single hand operation elasticated hem draw cord
- Sun Protection Factor: 100+
- Fabric: 84% Polyester, 16% Rayon
- Average weight: 600g
- Manufactured in UK



soft shell jackets

soft shell jackets

A highly featured soft shell jacket that utilises the most advanced fabric available. It is highly wind resistant and stretchy due to the addition of Elastane during construction. Ideal for putting in your pack and slipping on should the wind start to pick up.

mens soft shell jacket

style code: SZSSMJ | sizes: S-XXL

Black



- Adjustable velcro cuffs with rubberised tabs
- Drop back
- 2 large YKK zipped welded hand pockets
- Full length YKK zip with thick wind baffle
- Neck zip guard
- Welded zipped arm pocket
- 2 single hand adjustable elasticated hem toggles
- High contoured collar
- Sun Protection Factor: 100+
- Fabric: 97% Polyester, 3% Elastane
- Average weight: 500g
- Manufactured in UK

womens soft shell jacket

style code: SZSSWJ | sizes: XS-XL

Black



- Tailored womens fit
- Adjustable velcro cuffs with rubberised tabs
- Drop back
- 2 large YKK zipped welded hand pockets
- Full length YKK zip with thick wind baffle
- Neck zip guard
- Welded zipped arm pocket
- 2 single hand adjustable elasticated hem toggles
- High contoured collar
- Sun Protection Factor: 100+
- Fabric: 97% Polyester, 3% Elastane
- Average weight: 430g
- Manufactured in UK



down jackets

down jackets

Sub Zero Thermal Down Jackets and Body Warmers are ultra lightweight but extremely warm. Only the finest grade of ethically sourced European goose down insulation is used in their manufacture, with a fill power of 800+. These technical down jackets and gilets pack down in to their own compact stuff sack, making them ideal to place in your pocket or small rucksack.

Lightweight Thermal Unisex Down Jacket

style code: SZLWDJ | sizes: XS-XL

Black



- Ultralight downproof ripstop fabric
- Goose down fill power 800+
- 90/10 goose down and feather fill composition
- 2 deep YKK zipped hand warmer pockets
- Full length YKK body zip
- Zip chin baffle to prevent rubbing
- Warm fleece inner collar
- Box baffles for down stabilisation
- Average down fill weight: 125g
- Fabric: 100% ultralight polyamide
- Average weight: 320g
- Manufactured in Europe

Lightweight Thermal Unisex Down Vest

style code: SZMWDV | sizes: XS-XL

Black



- Ultralight downproof ripstop fabric
- Goose down fill power 800+
- 90/10 goose down and feather fill composition
- YKK zipped 2 deep hand warmer pockets
- Full length YKK body zip
- Zip chin baffle to prevent rubbing
- Warm fleece inner collar
- Narrow baffles for down stabilisation
- Average down fill weight: 90g
- Fabric: 100% ultralight polyamide
- Average weight: 240g
- Manufactured in Europe



accessories

balACLAVAS thermal

We manufacture a number of accessories out of our thermal fabrics to protect you from head to foot. Factor 1 balaclavas are thin enough to fit under helmets and the drop front and back on the balaclava Plus adds extra protection to your chest and shoulders. If you need something warmer then our midweight Factor 2 Balaclava will be ideal.

factor 1 balaclava

style code: SZF1BAL | sizes: one size

Black



Cobalt



- Elasticated face opening
- Flat seam construction
- Ease of fit under any helmet
- 100% fabric stretch
- Hydrophilic impregnated fabric
- Weight: 33g
- Fabric content: 100% Polyamide
- Manufactured in UK

factor 1+ balaclava

style code: SZF1BP | sizes: one size

Black



- Elasticated face opening
- Flat seam construction
- Ease of fit under any helmet
- Large drop front and back
- 100% fabric stretch
- Hydrophilic impregnated fabric
- Weight: 46g
- Fabric content: 100% Polyamide
- Manufactured in UK

factor 2 balaclava

style code: SZF2BAL | sizes: one size

Black



Cobalt



- Elasticated face opening
- Flat stretch seams for greater comfort
- High wind resistance
- High insulation
- Hydrophilic impregnated fabric
- One size only
- Weight: 48g
- Fabric content: 100% Polyester
- Manufactured in UK



meraklon thermal

Meraklon fabric is chemically inert which means it has great hypoallergenic properties. The resulting hypoallergenic Meraklon fabric, combined with its low water absorbency, is of great benefit to people with skin conditions such as Eczema. Being chemically inert with a high melting point also means it is very strongly resistant to acids and other chemicals, making it an ideal thermal base layer for industrial applications.

balaclava

style code: SZMKBAL | sizes: one size



- High wind resistance
- High insulation
- 100% recyclable
- Weight: 40g
- Fabric content: 100% Polypropylene
- Manufactured in UK

neck tube

style code: SZMKNT | sizes: one size



- High wind resistance
- High insulation
- 100% recyclable
- Dimensions: 23cm wide x 42cm long
- Weight: 48g
- Fabric content: 100% Polypropylene
- Manufactured in UK

wrist warmers

style code: SZMKWW | sizes: one size



- High wind resistance
- Double cuff for extra knuckle protection
- Overlock thumb hole
- Length: 22cm
- High insulation
- Weight: 25g
- Fabric content: 100% Polypropylene
- Manufactured in UK

factor 2 thermal

To keep warm you have to plan your layering system from top to toe. Our Neck warmer headband and oversocks are all manufactured from our soft fleeced inner Factor 2 midweight thermal fabric. This will keep your ears neck and toes warm when the temperature outside plummets. Even if you are working hard, the hydrophilic impregnated treatment will keep you warm and dry by actively transporting moisture away from the skin.

factor 2 neck warmer

style code: SZF2NW | sizes: one size



- Contoured face profile to protect ears and nose
- Drop front and back
- Flat stretch seams for greater comfort
- High wind resistance
- High insulation
- Hydrophilic impregnated fabric
- One size only
- Weight: 38g
- Fabric content: 100% Polyester
- Manufactured in UK

factor 2 head band

style code: SZF2HB | sizes: one size



- Contoured band profile to protect ears
- Flat stretch seams for greater comfort
- High wind resistance
- High insulation
- Hydrophilic impregnated fabric
- Weight: 15g
- Fabric content: 100% Polyester
- Manufactured in UK

factor 2 over socks

style code: SZF2SK | sizes: S-XL



- Flat stretch seams for greater comfort and to help eliminate rubbing
- Low profile soft elasticated cuff
- High wind resistance
- High insulation
- Finishes just below the ankle
- Hydrophilic fibre impregnation
- Sun Protection Factor: 100+
- TOG: 0.72
- Fabric: 94% Polyester, 6% Spandex
- Average weight: 35g (pair)
- Manufactured in UK

gloves thermal

Nobody likes cold fingers so we have developed a range of technical thermal gloves from our fabric ranges. The excellent stretch properties of our Factor 2 material provides a comfortable and snug fitting glove for most hand sizes. The highly brushed fleece inner face of the fabric will keep your hands lovely and warm. Our Merino gloves are knitted using the same whole body seamless machines that knit our Merino wool thermal underwear.

factor 2 gloves

style code: SZF2IG | sizes: S-XL



- Box finger construction for a close fit
- Low profile stretch cuff
- High insulation
- Hydrophilic fibre impregnation
- Sun Protection Factor: 100+
- TOG: 0.72
- Fabric content: 100% Polyester
- Average weight: 50g (pair)
- Manufactured in UK

merino wool gloves

style code: SZMVG | sizes: S-XL



- Articulated thumbs
- Totally Seamless
- Double thickness stretch cuff
- Average weight: 50g (pair)
- TOG: 0.44
- Fabric content: 94% Merino wool, 6% Lycra
- Manufactured in UK

factor 3 thermal

The fabric's high wind resistance and excellent thermal properties makes it ideal for wearing in very cold environments such as polar expeditions and winter mountaineering. Use as part of your winter thermal outer layering system for ultimate protection from the cold.

fleece balaclava

style code: SZF3BAL | sizes: one size



- Anti-pill outer fabric face for durability
- Super soft fleece inner face
- Flat stretch seams for greater comfort
- Contoured profile to protect chest and neck
- High wind resistance
- High insulation
- 100% recyclable
- Weight: 70g
- Fabric content: 100% Polyester
- Manufactured in UK

fleece beanie hat

style code: SZF3SH | sizes: one size



- Anti-pill outer fabric face for durability
- Super soft fleece inner face
- Flat stretch seams for greater comfort
- Double thickness head band
- High wind resistance
- High insulation
- 100% recyclable
- Weight: 45g
- Fabric content: 100% Polyester
- Manufactured in UK

fleece beanie hat ear guards

style code: SZF3EG | sizes: one size

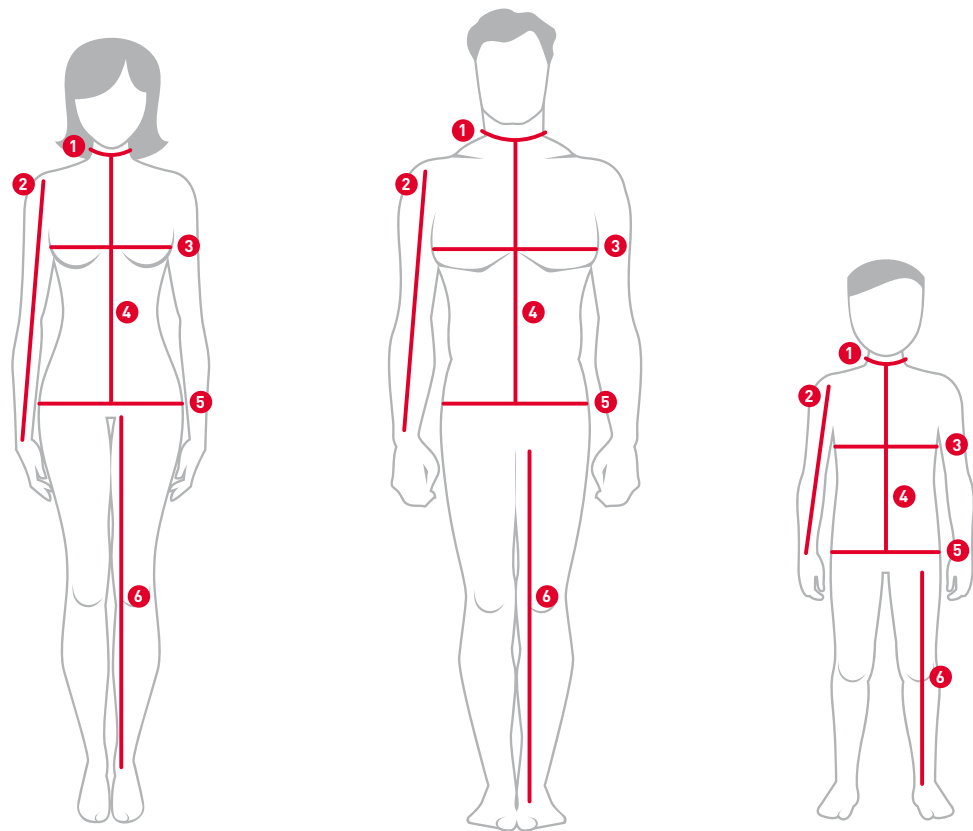


- Anti-pill outer fabric face for durability
- Super soft fleece inner face
- Flat stretch seams for greater comfort
- Double thickness head band and ear guards
- Removable soft elasticated chin strap
- High wind resistance
- High insulation
- 100% recyclable
- Weight: 65g
- Fabric content: 100% Polyester
- Manufactured in UK

size information and help

Always measure yourself without any clothes on. This gives a much more accurate reading. Using a cloth flexible tape is always the best option but if you do not have one of these then use a piece of string and measure this using a ruler or a metal tape. We list all sizes in both cm and inches.

- 1 Neck circumference**
Measure around your neck.
- 2 Sleeve Length**
Measure from the end of your shoulder to your wrist.
- 3 Chest**
Measure your chest at the fullest part, placing the tape close up under the arms. Do not breath in deeply and expand your chest as this will distort the measurement.
- 4 Front Drop**
Measure from the centre front of your neck (just below the Adams apple) to your waistline.
- 5 Waist**
Measure your natural waistline where your trousers naturally sit.
- 6 Inside Leg**
Measure from your crotch to your ankle.



information on our size charts

Different manufacturing techniques are employed between our ranges which is why the size charts are not universal. All Sub Zero products are designed to be worn either individually or as part of a layering system. If you are between sizes in the size chart then go for the next size up. If you need any help with the sizing then please do not hesitate to get in contact with us.

all active

All Active cooling base layers are manufactured on seamless machines and are designed to be snug fitting but not restrictive. If they are worn 'baggy' then the movement of moisture away from your skin will be restricted and the cooling effect drastically reduced. The length of the tops are generous so you can wear them over shorts or trousers.

	Small	Medium	Large	XLarge
Chest Inches	30-32	32-34	35-37	38-40
Chest CM	76-81	81-86	89-94	96-102
Sleeve length Inches	26	27.5	27.5	28
Sleeve length CM	66	70	70	71
Back Drop Inches	26	27	28	29
Back Drop CM	66	69	71	74
Waist Inches	29-31	32-34	35-37	38-40
Waist CM	74-79	81-87	89-94	97-102
Womens UK Size	8	10-12	14	16-18
Womens European Size	36	38-40	42	44-46

cool t

Cool T cooling base layers are manufactured from open width (roll) fabric and are produced using cut and sew techniques. The design of these cooling base layers is a generous 'baggy' summer fit to allow air movement within the fabric.

	Small	Medium	Large	XLarge	XXLarge
Chest Inches	32-34	35-37	38-40	41-42	43-45
Chest CM	81-87	89-94	97-102	104-107	109-115
Sleeve length Inches	24	25	26	27	28
Sleeve length CM	61	64	66	69	71
Back Drop Inches	26	27	28	29	30
Back Drop CM	66	69	71	74	76
Womens UK Size	6-8	10-12	14	16-18	20
Womens European Size	34-36	38-40	42	44-46	48

factor 1 base

These base layers are manufactured using patterns based on the Meraklon range. They should be worn snugly but not restrictive. Unisex leggings (no Fly) are only produced currently in this range.

	XSmall	Small	Medium	Large	XLarge	XXLarge
Chest Inches	24-27	28-31	32-35	36-38	39-41	41-44
Chest CM	61-69	71-79	81-89	91-97	99-104	104-112
Sleeve length Inches	22	22	23.5	24	26	28
Sleeve length CM	56	56	60	61	66	71
Back Drop Inches	25	25.5	27	28.5	30	32
Back Drop CM	64	65	69	72	76	81
Waist Inches	26-28	29-31	32-34	35-37	38-40	41-42
Waist CM	66-71	74-79	81-87	89-94	97-102	104-107
Inside Leg Inches	26	27	28	29	30	31
Inside Leg CM	66	69	71	74	76	79
Womens UK Size	6	8	10-12	14	16-18	20
Womens European Size	34	36	38-40	42	44-46	48

factor 1

Factor 1 thermal base layer underwear are designed to be worn next to your skin. The fit wants to be tight but not restrictive - If they are worn 'baggy' then all you will do is waft out any trapped heat when you move. In the leggings the Bloo John is a unisex cut without a fly. The Long John has a fly flap. The waist is cut extra high. The tops are manufactured from tubular knitted material with 100% stretch. The small and medium sizes are produced from the same width of fabric, likewise the large and XLarge. We manufacture the Factor 1 this way to eliminate side seams. The in-built stretch of the fabric means that the width of the fabric will fit chest widths indicated in the size chart. The only difference will be that the arms and length of the body are adjusted for the different sizes. XSmall and XXL sizes have to have side seams as we cannot get tubular fabric finished in those widths.

	XSmall	Small	Medium	Large	XLarge	XXLarge
Chest Inches	28-31	32-36		36-41		42-45
Chest CM	71-79	81-89		91-104		107-114
Sleeve length Inches	23	24	26	27	28	29
Sleeve length CM	58	61	66	69	71	74
Back Drop Inches	24	26	28	30	32	33
Back Drop CM	61	66	71	76	81	84
Waist Inches	26-28	29-31	32-34	35-37	38-40	41-42
Waist CM	66-71	74-79	81-87	89-94	97-102	104-107
Inside Leg Inches	25	26	27	29	30	31
Inside Leg CM	63	66	69	74	76	79
Womens UK Size	6	8	10-12	14	16-18	20
Womens European Size	34	36	38-40	42	44-46	48

factor 1+

This range of thermal base layers are produced on seamless knitting machines and are designed to be snug fitting but not restrictive. They are knitted on different diameter machines for each size. The height of the waist and the length of the body are not as long as the Factor 1 range but they are still generous. Unisex leggings (No Fly) are only produced currently in this range.

	XSmall	Small	Medium	Large	XLarge	XXLarge
Chest Inches	26-28	28-31	32-34	34-36	36-38	38-40
Chest CM	69-71	71-79	81-86	86-91	91-97	96-102
Sleeve length Inches	24	24.5	24.75	25.25	25.5	26.75
Sleeve length CM	61	62	63	64	65	68
Back Drop Inches	24.75	26	26.5	27.25	28	29
Back Drop CM	63	65	67	69	71	74
Waist Inches	26-28	29-31	32-34	35-37	38-40	41-42
Waist CM	66-71	74-79	81-87	89-94	97-102	104-107
Inside Leg Inches	25	26	27	28	29	30
Inside Leg CM	63	66	69	71	74	76
Womens UK Size	6	8	10-12	14	16-18	20
Womens European Size	34	36	38-40	42	44-46	48

factor 2

These thermal mid layers are manufactured from open width (roll) fabric and are produced using cut and sew techniques. These are designed marginally larger than our thermal base layers so they can be either worn next to the skin or over a base layer - they still want to be worn snugly otherwise any trapped hot air will be wafted out when moving.

	XSmall	Small	Medium	Large	XLarge	XXLarge	3XLarge	4XLarge	5XLarge
Chest Inches	28-32	32-35	35-38	38-41	41-44	44-47	52-54	58-60	60-64
Chest CM	71-82	82-89	89-97	97-104	104-112	112-120	132-137	147-153	153-163
Sleeve length Inches	24	25	26	27	28	29	29	29.5	30
Sleeve length CM	61	64	66	69	71	74	74	75	76
Back Drop Inches	25	26	27	28	29	30	31	32	33
Back Drop CM	64	66	69	71	74	76	79	81	83
Front Drop Inches	21	22	23	24	25	26	27	28	29
Front Drop CM	54	56	59	61	64	66	69	71	73
Waist Inches	26-28	29-31	32-34	35-37	38-40	41-42			
Waist CM	66-71	74-79	81-86	89-94	96-102	104-107			
Inside Leg Inches	26	27	28	30	31	32			
Inside Leg CM	66	69	71	76	79	81			
Womens UK Size	6	8	10-12	14	16-18	20	22	24	26
Womens European Size	34	36	38-40	42	44-46	48	50	52	54

meraklon

The design of these mid layer thermals is very similar to the Factor 1 in that they are manufactured from tubular fabric. The difference is that this fabric can be knitted on a wider variety of machine widths so we can produce garments without side seams in varying chest diameters. These thermal mid layers can either be worn over a base layer or next to the skin. They are designed to be snug fitting.

	XSmall	Small	Medium	Large	XLarge	XXLarge
Chest Inches	24-27	28-31	32-35	36-38	39-41	41-44
Chest CM	61-69	71-79	81-89	91-97	99-104	104-112
Sleeve length Inches	22	22	23.5	24	26	28
Sleeve length CM	56	56	60	61	66	71
Back Drop Inches	25	25.5	27	28.5	30	32
Back Drop CM	64	65	69	72	76	81
Waist Inches	26-28	29-31	32-34	35-37	38-40	41-42
Waist CM	66-71	74-79	81-87	89-94	97-102	104-107
Inside Leg Inches	26	27	28	29	30	31
Inside Leg CM	66	69	71	74	76	79
Womens UK Size	6	8	10-12	14	16-18	20
Womens European Size	34	36	38-40	42	44-46	48

merino

The merino wool base layers are knitted on a whole body machines and require no finishing - no seams at all. They are designed to be worn next to your skin. The fit wants to be tight but not restrictive - If they are worn 'baggy' then all you will do is waft out any trapped heat when you move. Unisex leggings (No Fly) are only produced currently in this range.

	Small	Medium	Large	XLarge
Chest Inches	28-31	32-34	35-37	38-40
Chest CM	71-79	81-86.5	89-94	96.5-101.5
Sleeve length Inches	20.5	22.5	24	25
Sleeve length CM	52	57	61	64
Back Drop Inches	25.5	27	28.5	30
Back Drop CM	65	69	72	76
Waist Inches	29-31	32-34	35-37	38-40
Waist CM	74-79	81-87	89-94	97-102
Inside Leg Inches	27	28	29	30
Inside Leg CM	67	71	76	79
Womens UK Size	8	10-12	14	16-18
Womens European Size	36	38-40	42	44-46

children's charts

Due to the size of these garments all of the bodies will have side seams.

	2-3	3-4	5-6	7-8	9-10	11-12
Chest Inches	21-21.5	21.5-22.5	22.5-23	23-24.5	24.5-25.5	27-27.5
Chest CM	53-55	55-57	57-59	59-62	62-65	69-70
Sleeve length Inches	12	13.5	15	17	19	21
Sleeve length CM	32	34	38	43	49	54
Back Drop Inches	15	16.5	18	19.5	21	23.5
Back Drop CM	38	42	46	50	54	60

down jackets

The manufacture of these down jackets is very generous in the body as they are designed to be worn over a number of different clothing layers. The length of the down jacket is not too long as this would increase the weight of the design. If you want a longer length in the body then please choose the next size up.

	XSmall	Small	Medium	Large	XLarge
Chest Inches	43.25	44.75	46.5	48	49.5
Chest CM	110	114	118	122	126
Sleeve length Inches	22	22.75	23.5	24.5	25.25
Sleeve length CM	56	58	60	62	64
Back Drop Inches	26	27.25	28.25	29.25	30.75
Back Drop CM	66	69	72	75	78
Neck Circumference Inches	18.5	19	20	21	22
Neck Circumference CM	47	48	51	53	56
Womens UK Size	6	8	10-12	14	16-18
Womens European Size	34	36	38-40	42	44-46

down vests

The manufacture of these down vests is very generous in the body as they are designed to be worn over a number of different clothing layers. The length of the down vest is not too long as this would increase the weight of the design. If you want a longer length in the body then please choose the next size up.

	XSmall	Small	Medium	Large	XLarge
Chest Inches	43.25	44.75	46.5	48	49.5
Chest CM	110	114	118	122	126
Back Drop Inches	26	27	28.25	29.5	30.75
Back Drop CM	66	69	72	75	78
Neck Circumference Inches	18.5	19	20	21	22
Neck Circumference CM	47	48	51	53.5	56
Womens UK Size	6	8	10-12	14	16-18
Womens European Size	34	36	38-40	42	44-46

mens fleece jackets

These fleece jackets are manufactured to provide a good male fit but are generous enough to accommodate a number of layers underneath.

	Small	Medium	Large	XLarge
Chest Inches	44	45.25	47.25	48.75
Chest CM	112	115	120	124
Sleeve length Inches	25.25	26	26.75	27.5
Sleeve length CM	64	66	68	70
Back Drop Inches	27.25	28	28.75	29.5
Back Drop CM	69	71	73	75
Neck Circumference Inches	18	19	20	21
Neck Circumference CM	46	48	51	53

mens soft shell jackets

These soft shell jackets are designed to be worn snug fitting.

	Small	Medium	Large	XLarge
Chest Inches	44	45.25	47.25	48.75
Chest CM	112	116	120	124
Sleeve length Inches	23.5	24.5	25.25	26
Sleeve length CM	60	62	64	66
Back Drop Inches	27.25	28	28.75	29.5
Back Drop CM	69	71	73	75
Neck Circumference Inches	18	18.5	19	19.5
Neck Circumference CM	46	47	48	49

unisex fleece vests

These unisex fleece vests have a more tailored fit in the body compared to the mens fleece jackets as they are designed to be worn snugly.

	XSmall	Small	Medium	Large	XLarge
Chest Inches	38.5	40	42.5	41	47.25
Chest CM	98	102	108	114	120
Back Drop Inches	25.5	26.5	27.25	28	28.75
Back Drop CM	65	67	69	71	73
Neck Circumference Inches	16	17	18	19	20
Neck Circumference CM	41	43	46	48	51
Womens UK Size	6	8	10-12	14	16-18
Womens European Size	34	36	38-40	42	44-46

womens fleece jackets

These fleece jackets are contoured around the bust area and tapered in at the sides to provide a better female fit. They are designed to accommodate a number of layers underneath.

	XSmall	Small	Medium	Large	XLarge
Chest Inches	38.5	41	43.25	45.5	48
Chest CM	98	104	110	116	122
Sleeve Length Inches	22.5	23.25	24	25	25.5
Sleeve Length CM	57	59	61	63	65
Back Drop Inches	25.25	26	26.75	27.5	28.25
Back Drop CM	64	66	68	70	72
Neck Circumference Inches	16	16.5	17	17.5	18
Neck Circumference CM	41	42	43	44	46
Womens UK Size	6	8	10-12	14	16-18
Womens European Size	34	36	38-40	42	44-46

womens soft shell jackets

These soft shell jackets are designed to be worn snug fitting. The womens range is contoured around the bust area and tapered in at the sides to provide a better female fit.

	XSmall	Small	Medium	Large
Chest Inches	36.25	37.75	39.25	41
Chest CM	92	96	100	104
Sleeve Length Inches	22.5	23.25	24	24.75
Sleeve Length CM	57	59	61	63
Back Drop Inches	23.25	24	24.75	25.5
Back Drop CM	59	61	63	65
Neck Circumference Inches	16	16.5	17	17.5
Neck Circumference CM	41	42	43	44
Womens UK Size	6	8	10-12	14
Womens European Size	34	36	38-40	42

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