



## **Table of contents**

04 08 06 14 Caroskin **Product categories** Comfort/ Strong Caroscar 18 22 26 16 Advice flow Colours Hand Arm **32** 38 40 44 Bra / Thorax Leg Toe Head 48 **50** 46 Silicone Following steps Repair & Adjust Return & Standards



# The Team

At Caroskin, we are committed to providing the best care for your patients. We are a creative and flexible team always ready to take on challenges and develop unique ideas.

As an innovative company, we are in daily contact with healthcare professionals. In this way, we translate their wishes, ideas and comments into state-of-the art products enabling our patients to enjoy the best possible care.

Besides working closely with healthcare professionals, we also collaborate with universities, experts and knowledge institutions.

## **About Caroskin**

Caroskin is a specialist in manufacturing high-quality medical devices, with a focus on customised and prefabricated compression garments. Our range of products can be broken down into six categories: Caroscar, Carolym, Caroveno, Caroposture, Caroray and Carostomy, each addressing specific care needs.

Our story is dominated by the manufacture of compression garments widely used by leading healthcare institutions and companies. We have extended our expertise to custom-made silicone dressings, compression garments and silicone.

Our compression garments comply with European compression standards, with ratings of Ccl 1: 18-21 mmHg light compression, Ccl 2: 23-32 mmHg moderate compression and Ccl 3: 34-46 mmHg powerful compression. We guarantee quality and flexibility in our production processes, with the opportunity for customers to be closely involved in the design.

Our production department is an integral part of our company. This guarantees a smooth and streamlined process.

Based in Nazareth near Ghent, Caroskin is an ISO 13485-certified company.

#### **Mission**

Our goal at Caroskin is to provide support to patients in their pursuit of the optimal quality of life! Our compression garments combine clinical effectiveness with comfort, highlighting the therapeutic power of compression. In doing so, we help our patients achieve and exceed their goals in every possible way.

Our comprehensive service model, from pre-sales to aftercare, allows us to optimally support each patient in their pursuit of that optimal quality of life! All of which makes Caroskin your trusted partner on the road to better health.

#### Vision

Caroskin is committed to a future where every patient can live a life unimpeded by the limitations of his or her condition. Our goal is to be at the forefront of medical knitting innovation where compression garments serve as catalysts for recovery and comfort.

We also strive to be an essential healthcare partner for both patients and healthcare providers. By focusing on possibilities rather than limitations, Caroskin seeks to maximise the quality of life of our patients.





#### After-treatment of scars and burns

Customised compression garments and silicone products for aftercare for burns and scars.



### Carolym

#### Treatment of lymphatic disorders

Bespoke and prefabricated compression garments and silicone bandages for the treatment of lymphoedema.



#### Caroveno

#### Treatment of venous insufficiency

Compression stockings for the treatment of various venous disorders.

#### Caroposture

#### Neurological pressure garments

These pressure garments are used in occupational and neurological physiotherapy for clients with, for example, cerebral palsy (CP), autism, hypotonia, MS or other neurological conditions. Caroposture also helps treat various types of pain, such as CRPS.



#### Caroray

#### Radiotherapy bra

Standard unilateral bras that provide optimal breast support during radiotherapy.



### Carostomy

#### Ostomy belt

Ostomy belt for optimal stoma support and post-operative abdominal wall care.



## **About Caroscar**

Treatment of scars and burns

Caroscar helps treat scars and burns. Our range of specialised products combines science-based burn care with comfort. Thanks to our extensive expertise in the healing process of burns, we offer specific care solutions for your patients.

Our digital ordering process makes our products easy to order. We then promptly deliver them to your burn centre.

## Suitable for specialised burn centres and plastic surgery

Caroscar's versatile range has been specially developed for specialised burn centres and plastic surgery services, among others. We offer tailor-made products and complementary solutions that support the moisture balance and flexibility of scar tissue.

## Caroskin compression garments for effective prevention

Our compression garments provide even and constant pressure on the skin surface, which is essential for the preventive treatment of hypertrophic and keloid scars. For optimal results, we recommend wearing the garments for 20 to 24 hours daily, over a period of 12 to 24 months. By wearing the compression garments as prescribed and maintaining them properly, you will achieve the desired effects.

## Caroskin silicone garments for optimal recovery

Our silicone clothing provides the necessary semi-occlusivity for the skin surfaces to be treated. Semi-occlusivity affects the colour, thickness, mobility and elasticity of scar tissue. For optimal results, we recommend combining these silicone garments with compression garments. Thus, for the best results, it is best to wear the Caroskin silicone garments at night and the Caroskin compression garments during the day.

At Caroskin, we are aware of the complexity of burn care and are committed to providing you with high-quality solutions that meet the specific needs of your patients.





#### **SHORT THORAX**

- Women's
- Bra with sleeves
- Front zip



#### **TOE PIECE**

- Closed toe
- Pressure-free collar



#### **ARM SLEEVE**

- Customised arm stocking
- Child
- Pirate emblem

# Why are compression garments used to help treat burns?

As deep second- and third-degree burns heal, the collagen fibres become very active, often leading to the formation of a scar that is red, raised and hard, called a hypertrophic scar. For many patients, this type of scar can be painful and itchy. Moreover, the tightness of the scar can restrict movement, especially if the scar is above or close to a joint, limiting physical ability.

To address these issues, burn patients often wear compression garments to manage scar maturation and improve appearance. These garments exert a pressure of; Ccl 1: 18 - 21 mmHg light compression, Ccl 2: 23 - 32 mmHg moderate compression, Ccl 3: 34 - 46 mmHg powerful compression, on the developing scar for 20+ hours a day. Hypertrophic scars usually begin to develop within a few weeks to months after the injury and can continue to develop for up to two years. Compression garments are individually tailored to each patient and are usually provided by a member of the burn care team on a doctor's recommendation.

Compression garments are worn after a burn to reduce scar severity, promote scar maturation and improve the aesthetic appearance of injured skin. These garments are designed to fit well over the affected area. The maturation process of burn scars usually takes 9 months to 3 years. During this period, compression garments should be worn for at least 6 months and sometimes as long as 2-3 years. A healthcare provider will determine when the patient may stop wearing compression garments.

Scars will respond less well to compression as it matures. At first, when the garments are removed, scars appear flatter. However, if the scar is still actively developing, it may rise again when the garments are removed. As the scar continues to mature, there will ultimately be no significant changes when the garments are removed. It is important to know that the time a scar takes to fully mature varies from person to person. A professional burn care team will decide on the right time to stop using the garments.

The recovery process of a burn is a long one. Achieving optimal results in terms of recovery, mobility and appearance requires commitment, dedication and patience.









#### **Compression therapy**

As deep second- and third-degree burns heal and mature, collagen fibres become hyperactive, often leading to hypertrophic scars. These are red, raised, firm and can be painful and itchy. Their tightness can restrict movement and hinder function, especially when the scar is near a joint.

Pressure therapy, applied through compression garments, helps control scar maturation and usually improves its appearance. This is achieved by applying a continuous pressure of 23-32 millimetres of mercury (mmHg), corresponding to pressure class 2, for more than 20 hours a day. Compression class 3 (34-46 mmHg) is also sometimes recommended. Hypertrophic scars can develop within weeks to months after the injury and can last up to 12 to 24 months.

Compression garments are custom-made for each patient and are usually prescribed by a member of the burn team. It is measured and supplied by a CPO, bandage specialist or provider.

#### Is everyone eligible for compression garments?

Not everyone is eligible for compression garments, as the propensity for scarring varies from individual to individual. The burns team has extensive experience in assessing this propensity and will recommend appropriate treatment. Those unsure whether compression therapy is right for them can always contact the burns team for advice.

#### What else can you do to soothe your scars?

To soothe scars, we recommend massaging the skin with a moisturising lotion. While doing so, apply moderate pressure on the skin to make it less sensitive and to relax the scar. Silicone can also help promote hydration thanks to its semi-occlusive properties.

#### When can you stop compression therapy?

The time to stop compression therapy depends on the full maturation of the scar. We recommend discussing this with the burn team or a specialist, as the maturation time of scars varies from individual to individual.

Please note that the recovery process of a burn is a long one. Optimal results in terms of recovery, mobilisation and appearance require consistency, dedication and time. Please be patient. Your future self will be grateful.

## COMFORT





NATURAL FIBRE









The Comfort grade is designed for people who cannot tolerate heavy compression or have no medical need for heavy compression. This optimally guarantees the comfort of the patient. The natural fibre is soft to the touch. Recommended for patients with

- reduced mobility
- sensitive skin
- children
- first compression garment

Not suitable for overweight people, unless they have mobility problems or in cases of severe edema.





\* S-LINE













## **STRONG**



HIGH STABILITY



**₩EAR-RESISTANT** 





BREATHABLE

We recommend the Strong grade for highly efficient compression. Our range of Strong products supports a successful recovery process. Thanks to their strong and hard-wearing quality, these compression garments last considerably longer.

#### Suitable for

\(\)\_30°\\

X

- active patients
- as secondary garment

Highly recommended if high stiffness (wall stability) is desired. Recommended in combination with a pad, whether sewn in or not.

Less suitable as primary garment.







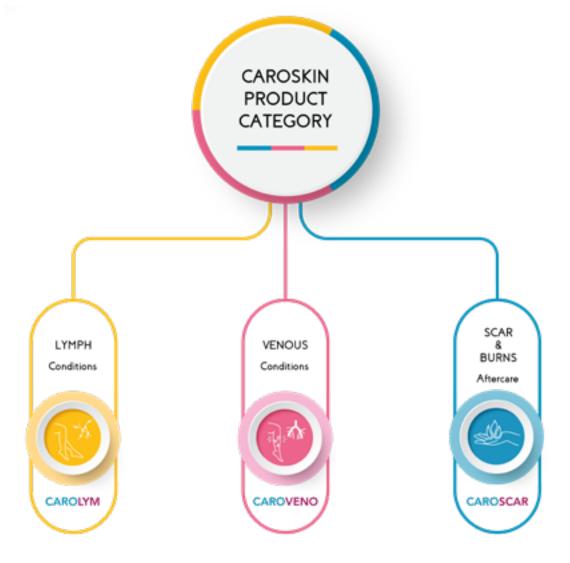
\* S-LINE

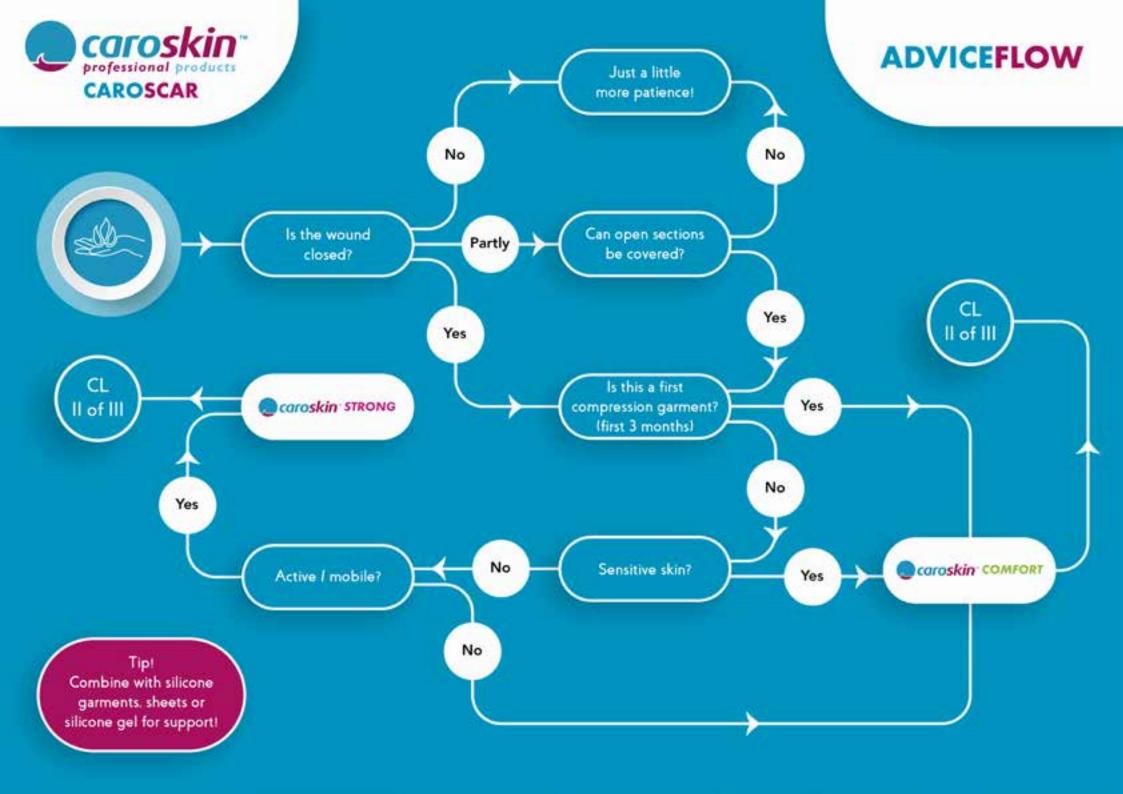


# Advisory flow

Our approach ensures you get the right advice Our approach supports you in selecting the right compression garments, quality and compression class for your patients. The right advice depends on several factors, such as the severity of the condition and the fragility of the skin.

We deliberately opt for the word "advice" instead of "decision" to emphasise the collaborative spirit of the process. Here, we provide expert guidance to the CPO or other specialists to choose the most appropriate products to suit the patient's individual needs and preferences. This gives the CPO the freedom to select the products he or she considers ideal for the treatment.





## **COLOUR CHART** Flat knit with seam

Here are the available colour options for flat knit with seam. Depending on your choice between Comfort or Strong qualities, the actual colours may vary. Please note that not all colours are available in both qualities.









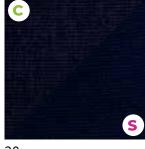












## **Emblem**

To make wearing compression garments more fun for young children, we offer the option of placing a badge on the garments. Children can choose themselves which figure they want on their garments. We regularly add new badges. Visit our website for the latest updates.



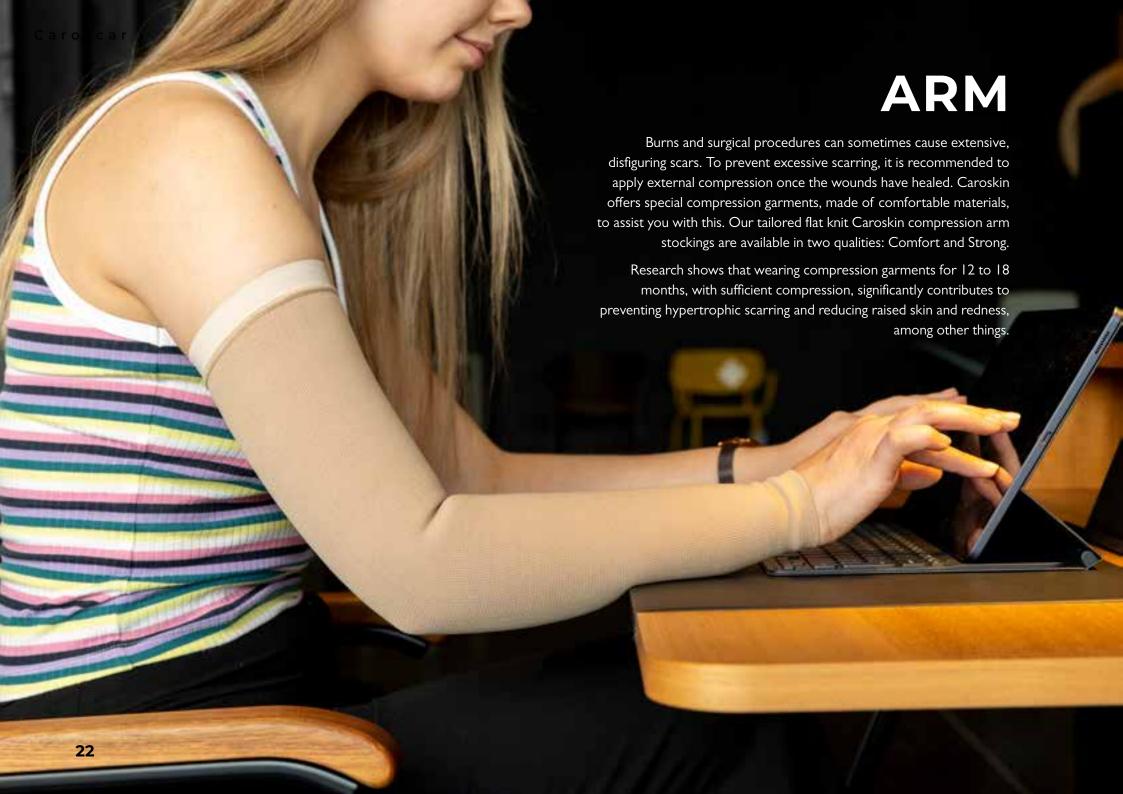
# **COLOUR CHART**S-line (gloves)

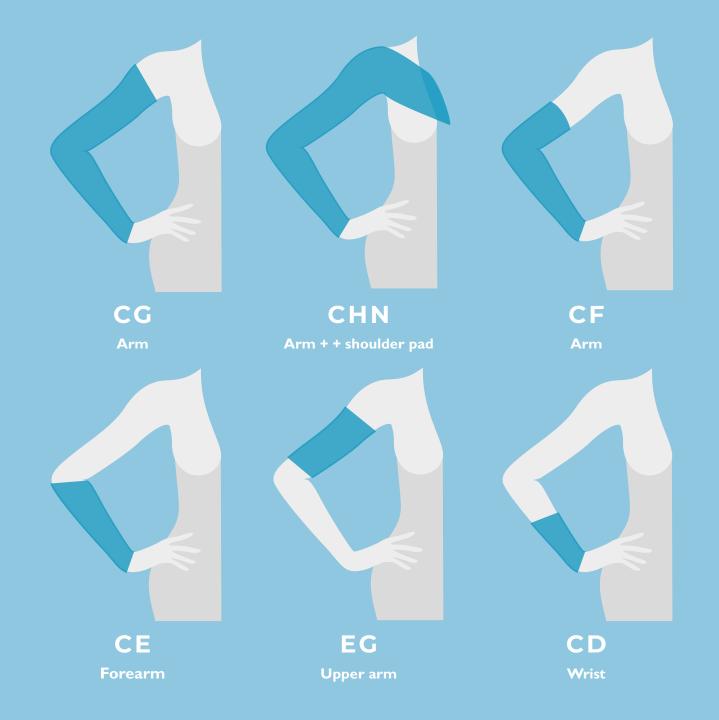


## Flat knit compression garments vs. cut-and-sew compression garments

Flat knit compression garments and custom-made cut-and-sew compression garments both offer therapeutic compression for various medical conditions, but differ in production methods. This affects their performance, comfort and durability. Here are some advantages of flat knit compression garments over cut-and-sew compression garments:

- I. Precise fit: Flat knit technology allows compression garments to be precisely shaped and adapted to specific body shapes. This ensures a tailored fit that provides optimal compression and support where needed. With ready-to-wear clothing, the fit is often less precise, which can result in uneven compression or discomfort.
- 2. **Seamless capabilities:** Flat knit technology can be used to produce seamless garments, such as our S-line gloves, which minimise irritation or friction caused by seams. Ready-to-wear garments usually have seams that can rub against the skin and cause discomfort, especially with prolonged use.
- 3. **Consistent compression:** Flat knit technology provides precise control over compression levels throughout the garment, ensuring consistent compression gradients. Garments that have been cut and sewn may show compression variations due to differences in fabric tension or seam placement.
- 4. **Durability:** Garments made using flat knit technology are often more durable due to the use of high-quality, stretchy materials. Cut and sewn garments may suffer more seam faults or stretching of the fabric over time, especially with frequent use and washing.





## **Arm options**

### Non-slip



## STRIPS OF SILICONE TAPE 2 CM

This tape has two thin strips that provide slight extra grip to keep the sleeve in place. Each arm stocking is fitted with this trim as standard.



## STUDDED SILICONE TAPE 3 CM

Our classic non-slip trim offers great grip. It is 3 cm wide and is recommended when extra grip is needed to properly position the sleeve.



## STUDDED SILICONE TAPE 5 CM

For maximum grip, this 5 cm wide non-slip trim offers excellent support. Recommended for situations where significantly more grip is required.





#### **EMBLEM**

A great accessory for children, ideal for attaching to compression garments (see page 19).



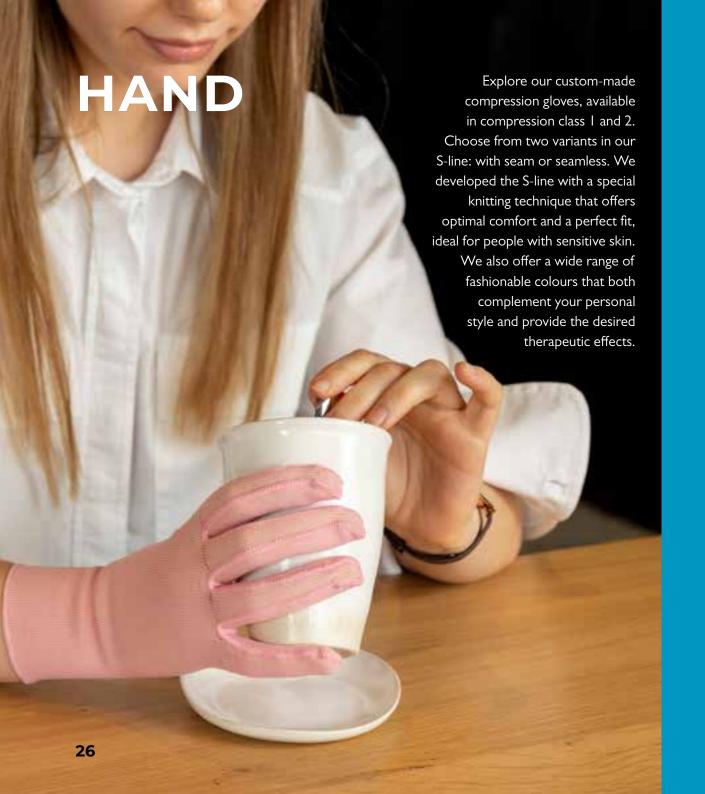
## GLOVE + ARM SLEEVE IN 1 PIECE

- \* This option is only available with seam in CL II
- \*Additional sizes needed



#### **SLANTED TRIM**

This trim is useful for keeping the sleeve securely in place, especially recommended with compression stockings for fuller arms.



#### S-LINE

This manufacturing technique enables the knitting of a seamless glove. The S-line gloves are anatomically knitted for a perfect fit and are equipped with a comfort trim that helps prevent curling, pinching and overpressure in combination with an arm stocking. They do not, however, offer the stiffness and strength of seamed gloves and are thus best for mild conditions that require less strong compression.

#### FLAT KNIT WITH SEAM

Highly resistant to increases in size, these gloves are ideal for active individuals with a moderate to severe tendency towards edema formation. Available in various designs, such as open or closed fingertips, and customisable with various options such as an extended wrist or a dorsal zip. These adjustments optimise care and address your specific needs.



Half glove (Open thumb)



Half glove (Closed thumb)



**Closed fingers** 



Open fingers



Amputated (variable)



## **Hand options**

#### Non-slip



## STRIPS OF SILICONE TAPE 2 CM

This tape has two thin strips that provide slight extra grip to keep the glove in place. Each glove is fitted with this trim as standard.



## STUDDED SILICONE TAPE 3 CM

Our classic non-slip trim offers great grip. It is 3 cm wide and is recommended when extra grip is needed to properly position the glove.



#### **EMBLEM**

A great accessory for children, ideal for attaching to compression garments (see page 19).



PAD

Increased pressure on a specific spot

\* This option is only available with seam



PAD BAG (REMOVABLE)

Increased point pressure. Only if necessary.

\* This option is only available with seam



STITCHED SOFT TEXTILE

Helps protect irritated areas of the skin

\* This option is only available with seam



STITCHED SILICONE

Silicone helps heal scars and ensures proper moisture balance

\* This option is only available with seam



## WRIST WITHOUT COMPRESSION

The glove is easier to put on. Can be used when no wrist compression is required.



### GLOVE + ARM SLEEVE IN 1 PIECE

\* This option is only available with seam in CL II

\*Additional sizes needed



#### **ZIP (DORSAL)**

A zip often makes it easier to take the glove on and off.

(Beware: pressure reduction)



#### **EXTENDED WRIST**

If the glove needs to be just a little longer, to be worn in combination with an arm stocking if necessary.

\* Enter DE and E size

### PREFAB INTERIM GLOVE

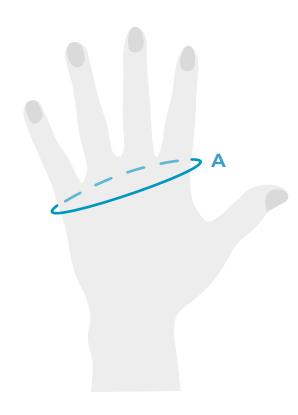


Our interim glove is specially designed for immediate use after wound closure, allowing you to quickly start initial compression. This glove combines unique features that provide an optimal solution for a variety of medical needs.

The open-fingered interim glove with a low compression class (CLL) is available in four standard sizes and two variations - with standard and long fingers. It serves a wide range of patients and ensures a better fit for various hand sizes.

This glove stands out for the comfort of its seamless knit and the softness of high-quality natural materials. It is extremely soft, flexible, completely seamless and anatomically perfectly shaped, ensuring excellent comfort even during prolonged use.

Although this glove often serves as the first compression device in the post-treatment of burns, its versatility is not limited to one application. It is also suitable for other conditions such as rheumatism, osteoarthritis, and reduced circulation, where low compression is needed and the skin may be especially sensitive. This makes it an essential tool for various medical situations where comfort and effective compression therapy are crucial.

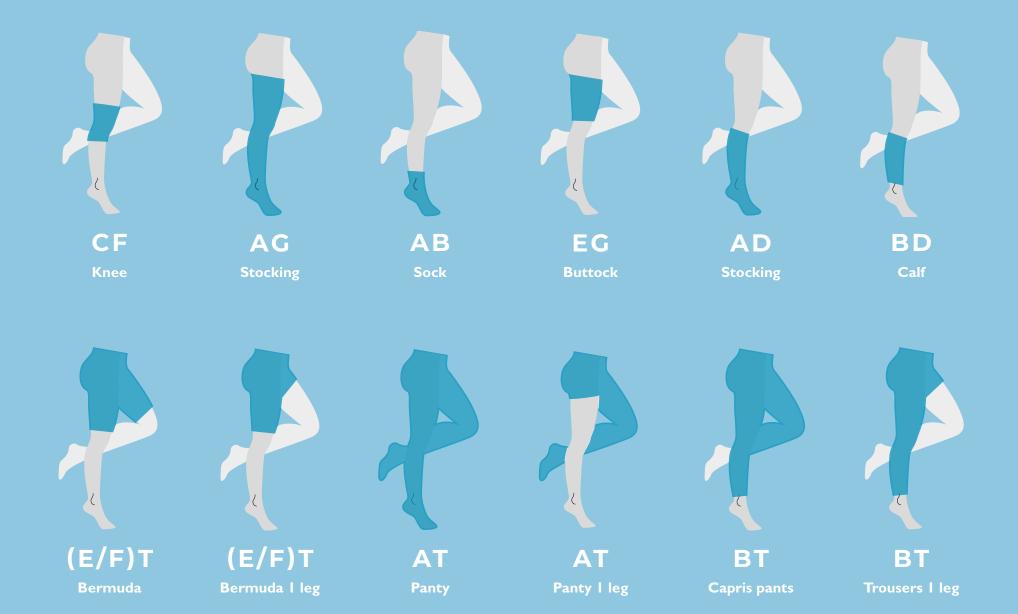


SIZE	A (CM)
XS	< 16
<b>S</b>	16 - 19
• M	19 - 22
L	22 >

To determine the correct size of the prefab glove, measure the A-size in centimetres. The size chart will show the correct size. In case no suitable size is available, we recommend ordering a custom-made glove as soon as possible. The size is indicated in the glove itself with a coloured thread, allowing us to omit the label and avoid irritation.







## Leg options

#### Non-slip



## STRIPS OF SILICONE TAPE 2 CM

Covered with two thin strips, this tape offers slight extra grip to keep the stocking in place.



## STUDDED SILICONE TAPE 5 CM

Provides the most grip, especially recommended around the buttock or waist to keep the stocking firmly in place.



## STUDDED SILICONE TAPE 3 CM

Our classic 3 cm wide silicone hem provides plenty of grip, recommended when extra grip is needed.



## DOUBLE BEVEL OF 3 + 5 CM

The double silicone studs offer extra grip thanks to the combination of 2 silicone trims.

The angled finish is ideal for an AG stocking.



PAD Increased pressure on a specific spot.



**PAD BAG** Increased pressure on a specific spot. (only if necessary)



Open or closed toes depends on the problem and the patient's comfort. Open toes put no pressure on the toenails and are usually easier to put on.

**OPEN/ CLOSED TOES** 



A great accessory for children to attach to compression garments (see page 19).

**EMBLEM** 



STITCHED SOFT TEXTILE Helps protect irritated parts of the skin.



**KNITTED BEVELLED** HEM (AG)



Helps to keep the AG stocking on



STITCHED SILICONE Silicone helps heal scars and provides moisture.



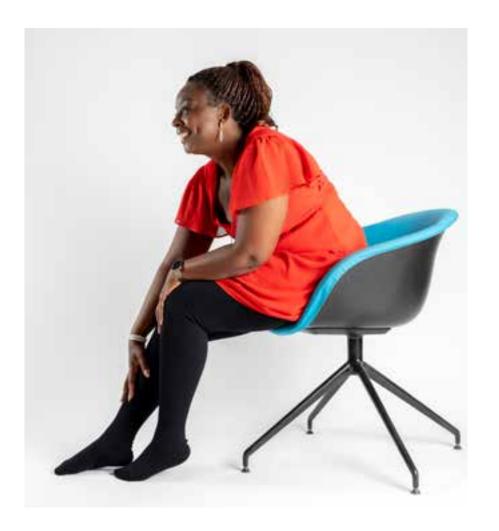
**AD ZIP** (LATERAL/MEDIAL)

The zip makes it easy to take the stocking on and off.

(Note: reduced compression)

## Leg options

\* The following options are available for all stockings running up to size M, in addition to the previous options.









## HOOK-AND-EYE FASTENING

This fastening is ideal for tights or trousers and is more durable than other fasteners.

#### ZIP

Zips offer a quick way to close tights, bermuda shorts or trousers and are always combined with a hook-and-eye closure to reduce tension on the zip.

#### **WAIST CORD**

This adjustable cord serves to tighten the waist of a garment for a better fit.

### **BRACES**

Braces help keep trousers in place, especially if they are hard to keep on.

### **NO-PRESSURE BELLY**

Provides compression without undue pressure on the abdomen, ideal for those seeking comfort and breathability.

### **OPEN FIBRE**

An open fibre provides ventilation and increases breathability. It also ensures that there is no uncomfortable pressure on the genitals.



## PREGNANT BELLY OR OBESITY

This extra space provides comfort and stability, which can help reduce back pain and support the abdomen.



### **RAISED BACK**

A raised back provides extra support and coverage for the lower back, keeping the trousers in place while sitting down and bending over.



### FLY (MEN)

A fly provides easy access and allows restroom visits without removing the trousers completely.



### **TOE PIECE**

Open to



**TOE PIECE** 

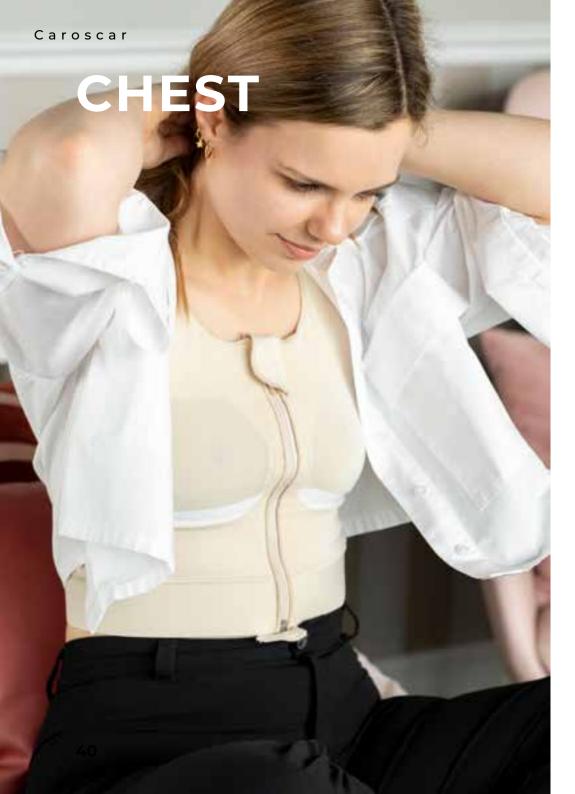
Closed toe

# Toe option



**NON-SLIP** 

A non-slip trim fitted at A1 size.





**BRA** 

The comfortable compression bra for maximum support

Swelling is a common symptom after surgery in the breast area. Our Compression Bra provides targeted counter pressure in the right places to effectively manage this swelling. This bra provides firm support around the body and is comfortable enough to wear immediately after surgery.

Following surgery:

breast-conserving surgery, breast reconstruction, breast augmentation or breast reduction, mastectomy.







# Thorax options

### Non-slip



# STUDDED SILICONE TAPE 3 CM

Our thorax includes a 3 cm silicone strip as standard. This helps keep the thorax firmly in place.



# STUDDED SILICONE TAPE 5 CM

Standard

This 5cm-wide silicone hem offers patients extra grip, which is essential for keeping the thorax in place, especially with overweight patients. We recommend this option if you need increased grip.



### **EMBLEM**

A great accessory for children to attach to compression garments (see page 19).

### Collar finish



**ROUND COLLAR** 

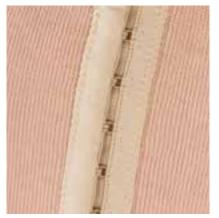


**V-COLLAR** 



**RAISED COLLAR** 







FRONT HOOK-AND-EYE FASTENING

REAR HOOK-AND-EYE FASTENING

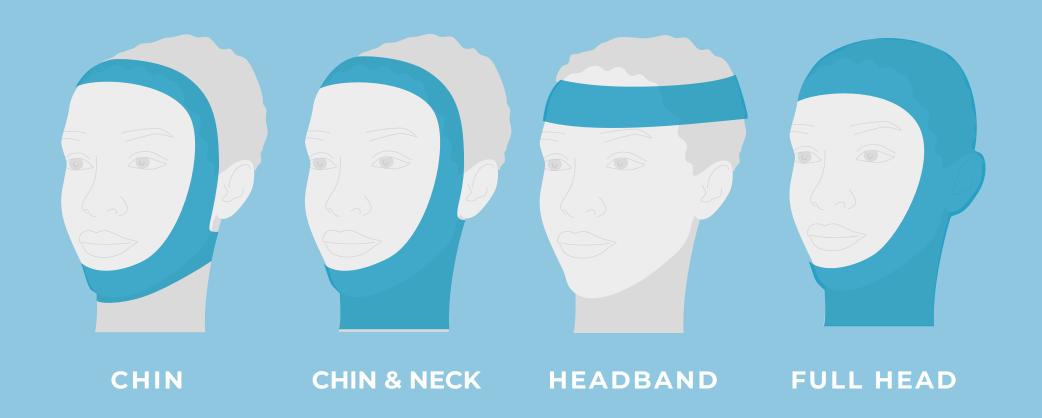






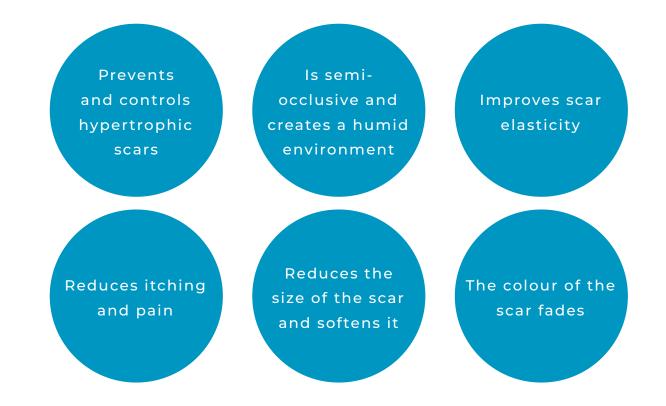
**REAR ZIP** 

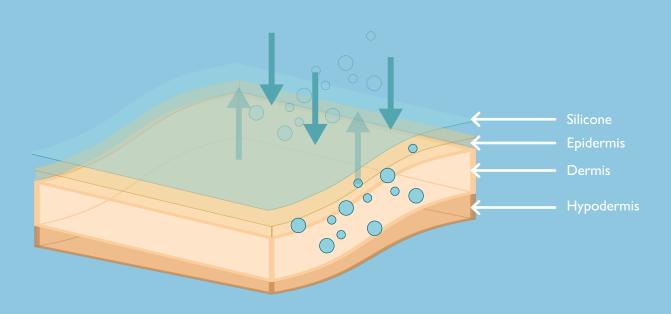






Effect of silicone in the treatment of burns/scars





### **FOLLOWING STEPS**

# How do I order customised compression garments for my patient?

The following steps will help you order the right compression garments for your patient. All required specifications can be selected according to their needs.



#### TRAINING

We offer training, instruction and support to learn about our range, dimension sheets and the ordering process. We participate in measurement courses where we share insights into our process and useful tips. This helps us to collaborate effectively and deliver high-quality, perfectly tailored compression garments.



#### **DIMENSION SHEET**

Our dimension sheets can be downloaded from our website. You can note the correct dimensions on it and tick the required options. This dimension sheet is a tool to work efficiently and keep an overview of all measurements for your order.



### **GOOSE LOGIN**

You need a login to place an order on our online platform. You can request one by sending an e-mail to info@caroskin.com.

You only need to do this once to be recognised in our system.

**TRAINING** 

**DIMENSION SHEET** 

**GOOSE LOGIN** 



### **GOOSE ORDER**

After collecting all the patient information, you can place the order online via www. caroskin-order.be. Use the login and manual you receive by e-mail. In GOOSe, you can enter dimensions, options and comments on the digital dimension sheet. In special cases, please e-mail us a photo of the patient to order@caroskin.com.



### **ORDER RECEIVED**

Your order will be carefully processed by our team and sent to the address you have provided. We trust you and your patient will be satisfied with our service and wish your patient the best of luck with their treatment.



### **RE-ORDER**

If a re-order is needed, this can be done very easily in Goose. You can place an exact re-order or change sizes, colour or options if needed. This will save you time.

**GOOSE ORDER** 

**ORDER RECEIVED** 

**RE-ORDER** 

# **Repairs & Modifications**



As an additional service, Caroskin offers the option of repairing or modifying your products. For these services, please contact our customer service team first at order@caroskin.com.

Repair rates are indicative and non-binding. We assess each repair on an individual basis.

If in doubt about warranty coverage, contact us or your supplier.

Only send in products that need to be repaired after you have washed and dried them thoroughly. We may refuse to repair badly cleaned or uncleaned products or charge cleaning fees. Products that have already been repaired by other parties are not eligible for our repair service.

We may refuse repairs if they compromise the safe use of the product, change the original use or if the repair costs exceed the purchase of a new product. We may also refuse to repair exceptionally worn products if it does not improve the quality of the product. Repairs or modifications may result in minor deviations from the original model.

Any inconveniences caused by modifications are the responsibility of the person requesting them.

If your product is worn out, we recommend ordering a new product rather than repairing it.

### Returns

Customised Caroskin products are not returnable or exchangeable.

The right of return does not apply to products manufactured or modified according to the customer's wishes (e.g. customised products or the order of a standard-sized product in a colour other than the standard colour).

For standard products, the return policy is 14 days after purchase, provided the products are unused, in their original packaging and with an intact seal.

Opened packaging cannot be returned for health and hygiene reasons.





#### MDR 2017/745

Our ISO 13485 certification guarantees that our medical devices meet strict quality standards, ensuring safety and effectiveness for patients worldwide. The MDR is introducing new classification rules that require manufacturers to assess the risk category of their products, based on their intended use and inherent risks.



#### CE MEDICAL DEVICE CLASS 1 & MEDICAL DEVICE CUSTOM MADE

A Class I Medical Device belongs to the low-to-moderate risk category for users. These products undergo strict testing that ensures their safety and effectiveness and generally pose minimal risk to patients when used correctly.

All of Caroskin's standard products carry a CE label confirming that they comply with EU regulations on health, safety and environmental protection. Our custom-made products bear a CE "Custom Made" label, meaning they are specifically tailored to individual use and patients' specific requirements to ensure optimal functionality and comfort.



For more information on orders, dimension sheets and delivery times, please visit our website www.caroskin.com

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Part of the eqwal. family

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