

Silcare Breathe



Breathable technology for drier skin and socket security



endolite

Stay cool and comfortable all day long

Optimal control of a prosthetic limb depends completely on a comfortable and secure interface between limb and socket. Modern liner technology provides excellent cushioning, but the impermeable and insulating material can allow a build-up of warmth and moisture so they begin to slip and rub. Air, perspiration and unnecessary movement can cause a loss of connection, compromise stability and damage residual skin, potentially affecting mobility, wellbeing and independence. This results in a loss of security for the user.



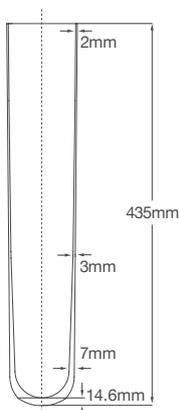
Innovation at Work

A new direction in silicone liner technology: Silcare Breathe Liners feature laser drilled perforations along the length and distal end to allow moisture to escape, resulting in drier skin and a healthier environment for the residual limb. Managing moisture in this way helps to reduce the damaging effects of friction and improve comfort and control.

The action of walking and weight bearing on the liner also expels air through the pores, and with the use of a one way valve, helps to generate a better vacuum and more secure fit, allowing the user to wear their prosthesis for longer as they benefit from an improved fit throughout the day.

Key Features:

Laser Perforations
Optimally sized pores, distributed uniformly along the length and distal end of the liner permit the escape of air and moisture.

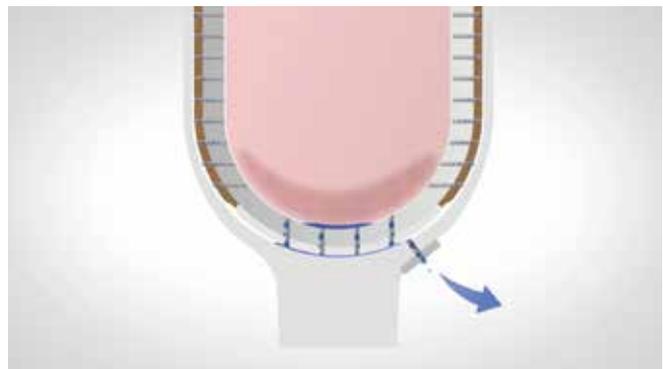
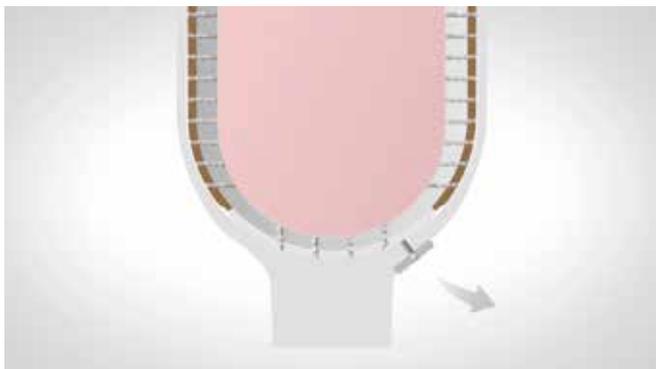


Stretch Zones
Seamless technical knitting technology provides bi-directional stretch to improve comfort and contouring and reduce shear force on the knee as it flexes.

Tendresse™ Finish
A lower coefficient of friction than standard silicone reduces shear stress on the skin.

“The very first time I used Silcare I was really surprised how dry and secure I was in it. When I’m running I’m held in the socket and a lot more stable.” Adrian

“Silcare Breathe makes a huge difference - I can walk around without having to take my leg off to dry my limb. It’s much more secure, and feels much better.” Cassie



The patented technology of Silcare Breathe works by letting air and perspiration normally trapped between the liner and skin escape through specially shaped holes. This helps increase comfort and reduce the damaging effects of friction on damp tissues often encountered with standard prosthetic liners. The motion of the person walking and pressing on the liner with their limb also expels air through the holes, and with the use of a one-way valve, helps to generate a better vacuum and more secure fit.

Traditional vacuum systems expel air between the interface liner and the socket and can leave air and moisture trapped inside the liner. With Silcare Breathe, the perforations allow the vacuum to draw air and moisture not only from between the liner and socket but also from between the skin and liner to help improve suspension, security and comfort.

Silcare Breathe

LINER SELECTION INFORMATION

| | | | | |
|-----------------------------|--------------|------------------|--------------------|------------|
| SB | TT | CP | XX | L |
| Silcare Breathe | Trans-tibial | Cushion Parallel | Size 22cm to 40cm* | Light Tone |
| *Note: 23.5 = 23, 26.5 = 26 | | | | |

Amputation level: **Trans-tibial**

Activity level: **3 - 4**

Sizes available: 22, 23.5, 25, 26.5, 28, 30, 32, 34, 36, 40

Example part number: **SBTTCPXXL**

SUSPENSION SLEEVES

The following suspension sleeves are recommended for use with Silcare Breathe Liners.

ALPS SEAMLESS SLEEVE

- 2mm uniform thickness
- Seamless fabric reinforcement
- Alps Grip Gel for secure suspension
- Available in black

| Measured size | Part number |
|---------------|----------------|
| 25-30cm | SFB20-2 |
| 31-34cm | SFB24-2 |
| 35-37cm | SFB26-2 |
| 38-40cm | SFB28-2 |
| 41-45cm | SFB32-2 |

ALPS EASYSLEEVE™ SFR

- 3mm or 6mm uniform thickness
- High performance fabric to improve durability
- Longer length
- Lateral strips to limit longitudinal stretch
- Available in beige

| Measured size | Part number | |
|---------------|---------------|------------------|
| | 3mm | 6mm |
| 20-24cm | SFR-XS | SFR16-XS6 |
| 25-30cm | SFR-S | SFR20-S6 |
| 31-35cm | SFR-M | SFR-M6 |
| 36-40cm | SFR-ML | SFR-ML6 |
| 41-45cm | SFR-L | SFR-L6 |
| 46-54cm | SFR-XL | SFR-XL6 |

LINER MEASUREMENT

Circumference taken 4cm from distal end of residual limb. If an exact size is measured choose the next size down.



SOCKET FIT TECHNOLOGY

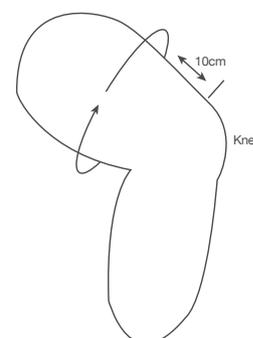
For best results, we recommend a total contact socket with defined socket shape for improved rotational control. Visit silcareliners.com for our guide on how to achieve an optimal socket fit using Endolite Silcare Liners.

VALVES AND ACCESSORIES

The following valves and accessories are recommended for use with Silcare Breathe Liners.

| | | | |
|---------------------|--------|-------------------------|--------|
| Lyn Valve BK2 | 929052 | One-way check valve | 929054 |
| Threaded Housing | 929053 | In-line filter | 929051 |
| Vac Barb 90° swivel | 929055 | Vacuum tubing 1m length | 905464 |

Patented European 2254526 and 2653138 US 8308815 and 8668744



For Alps Sleeves take measurement 10cm above patella as shown.

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