

Streifeneder ContexGel-Liner



- With Streifeneder Polymer Gel -SPG-
- For trans-femoral and trans-tibial fitting
- With uniform-styling
- 3 different wall thicknesses of 3mm, 6mm and 9mm
- Easy donning through hard-wearing cover
- Thermoplastically conformable at 80°C
- With or without distal connection
- 6 months guarantee

Recommendation

Through the high degree of wearing-comfort and the optimal adaption to the stump shape, the ContexGel-liner can be used multifunctionally. The soft and flexible Streifeneder Polymer -SPG- offers skin caring properties and compliance beneficial to the patients residium.

Sizing

Measure the distal circumference approximately 4cm above the distal stump end and select the liner size in the area of the distal and proximal stump circumference according to the chart.

ContexGel-Liner w/o

- as version 2S10 but without distal connection
- 6 months guarantee

Locking				
Size	Distal	Proximal	Thickness	Order No.
Small	16 - 23 cm	25 - 36 cm	3 mm	NMA 2S10/3S
Medium	18 - 30 cm	24 - 41 cm	3 mm	NMA 2S10/3M
Large	24 - 38 cm	38 - 62 cm	3 mm	NMA 2S10/3L
X-Large	28 - 41 cm	41 - 65 cm	3 mm	NMA 2S10/3XL
XX-Large	32 - 54 cm	43 - 73 cm	3 mm	NMA 2S10/3XXL
Small	16 - 23 cm	25 - 36 cm	6 mm	NMA 2S10/6S
Medium	18 - 30 cm	24 - 41 cm	6 mm	NMA 2S10/6M
Large	24 - 38 cm	38 - 62 cm	6 mm	NMA 2S10/6L
X-Large	28 - 41 cm	41 - 65 cm	6 mm	NMA 2S10/6XL
XX-Large	32 - 54 cm	43 - 73 cm	6 mm	NMA 2S10/6XXL
Small	16 - 23 cm	25 - 36 cm	9 mm	NMA 2S10/9S
Medium	18 - 30 cm	24 - 41 cm	9 mm	NMA 2S10/9M
Large	24 - 38 cm	38 - 62 cm	9 mm	NMA 2S10/9L
X-Large	28 - 41 cm	41 - 65 cm	9 mm	NMA 2S10/9XL
XX-Large	32 - 54 cm	43 - 73 cm	9 mm	NMA 2S10/9XX

Cushion				
Size	Distal	Proximal	Thickness	Order No.
Small	16 - 23 cm	25 - 36 cm	3 mm	NMA 2S11/3S
Medium	18 - 30 cm	24 - 41 cm	3 mm	NMA 2S11/3M
Large	24 - 38 cm	38 - 62 cm	3 mm	NMA 2S11/3L
X-Large	28 - 41 cm	41 - 65 cm	3 mm	NMA 2S11/3XL
XX-Large	32 - 54 cm	43 - 73 cm	3 mm	NMA 2S11/3XXL
Small	16 - 23 cm	25 - 36 cm	6 mm	NMA 2S11/6S
Medium	18 - 30 cm	24 - 41 cm	6 mm	NMA 2S11/6M
Large	24 - 38 cm	38 - 62 cm	6 mm	NMA 2S11/6L
X-Large	28 - 41 cm	41 - 65 cm	6 mm	NMA 2S11/6XL
XX-Large	32 - 54 cm	43 - 73 cm	6 mm	NMA 2S11/6XXL
Small	16 - 23 cm	25 - 36 cm	9 mm	NMA 2S11/9S
Medium	18 - 30 cm	24 - 41 cm	9 mm	NMA 2S11/9M
Large	24 - 38 cm	38 - 62 cm	9 mm	NMA 2S11/9L
X-Large	28 - 41 cm	41 - 65 cm	9 mm	NMA 2S11/9XL
XX-Large	32 - 54 cm	43 - 73 cm	9 mm	NMA 2S11/9XX

Making the difference in people's lives

Streifeneder ContexGel-Liner

Cast Modifications

The aim of the modification is to achieve a total surface weight bearing of the residual limb for optimum performance of the **ContexGel-Liner**. To achieve this, the modifications involve reduction of the positive model only. Build-ups of the model are neither required nor recommended. This includes the areas which you may have typically built up in the past, such as the anterior distal tibia and the head of the fibula. Avoid any build-ups in any area.

A) For CAD/CAM:

Globally reduce the circumference by 13 mm or

B) For a modification by hand:

- 1) Use a round Sureform file (or equivalent), carve a small bar at the patella tendon. It should not be as large as the type used when making a PTB socket; its purpose is only to prevent the liner from gapping in that area. The maximum depth of the bar should be 1.6 cm ($\frac{5}{8}$ ").
- 2) Start at the mid-patella tendon bar and work towards the distal end, make a mark at every 2.5 cm (1") along the length of the model. Then start again at the mid-patella tendon bar and move proximally, make a mark at every 2.5 cm (1") for approximately 7.5 cm (3").
- 3) Use a pointed awl or similar device, pierce the mould to a depth of about 0.5 cm ($\frac{1}{4}$ ") at each of the marks along the crest of the tibia. These penetrations will assure that the reference marks will not be lost when plaster is removed from the mould.
- 4) Measure and record the circumference of the mould at each of the marked areas.
- 5) Reduce each of the circumference measurements taken in step 4 by 13 mm or $\frac{1}{2}$ "
For example: initial circumference = 50 cm
goal circumference should be 48.7 cm
- 6) Use a half-round Sureform file 158P2/HR, remove plaster from the cast in order to achieve the goal measurements determined in step 5. To remove the plaster symmetrically, start at the proximal edge of the cast and pull the file towards the distal end of the cast in one continuous motion. After approx. three strokes, move the file to the left or the right of the area that was just reduced, and repeat the procedure until you have worked your way all around the cast.
Note: A half-round file 158P2/HR is recommended because it helps to maintain the contour of the cast. Do not simply reduce the prominent points of the cast while leaving the rest alone. On very conical, bony limbs it may be necessary to use our Draw Knife 160P10 to remove plaster around the base of the bony prominence that the half-round file will miss.
- 7) Measure the cast again. If the goal measurements have been achieved, proceed to step 8. If the new measurements are still larger than the goal measurements, repeat steps 6 and 7 until the goal measurements have been achieved.
- 8) Use our Sanding Net 107P31 to smooth out the file marks on the cast.

Customisation of the ContexGel-Liner

Each size of the **ContexGel-Liner** is designed to fit a wide range of limb circumferences. The thermoplastic nature of the **ContexGel-Liner** allows it to be heated and stretched to fit the larger limbs in each size category. This process is called customisation, and should be performed whenever the amputee finds the liner to be uncomfortably tight or difficult to wear. Follow either of the two methods listed below.

Method 1

- 1) Apply a stockinette or other protective barrier to a clean, dry positive model that is similar in size and shape to the amputee's residual limb and is longer than the usable length of the **ContexGel-Liner**.
- 2) Roll the **ContexGel-Liner** onto the model.
- 3) Leave the liner on the model for at least one hour. The longer the liner is left on the positive model, the more the liner will take the shape of the model.
- 4) Remove the liner from the model.

Method 2

- 1) Apply a stockinette or other protective barrier to a clean, dry positive model that is similar in size and shape to the amputee's residual limb and is longer than the usable length of the **ContexGel-Liner**. The positive model can be pre-heated at 65°C (150°F) for ten minutes if desired.
- 2) Roll the **ContexGel-Liner** onto the model.
- 3) Place the positive model, with the liner on it, into a pre-heated oven set at 65°C (150°F).
Note: Please do not place the ContexGel-Liner into the oven unless it is on a positive model and avoid every contact of the ContexGel-Liner with the heating element or the sides of the oven, or the liner will be damaged and will not be covered under warranty.
- 4) Heat the liner in the oven for two to five minutes. If the customisation is not sufficient after this time, you may increase the amount of time in the oven by 2½ minute increments, but do not exceed 15 minutes total time in the oven.
- 5) Remove the positive model with the **ContexGel-Liner** from the oven. Allow the **ContexGel-Liner** to cool approx. ten minutes before removing it from the model.



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