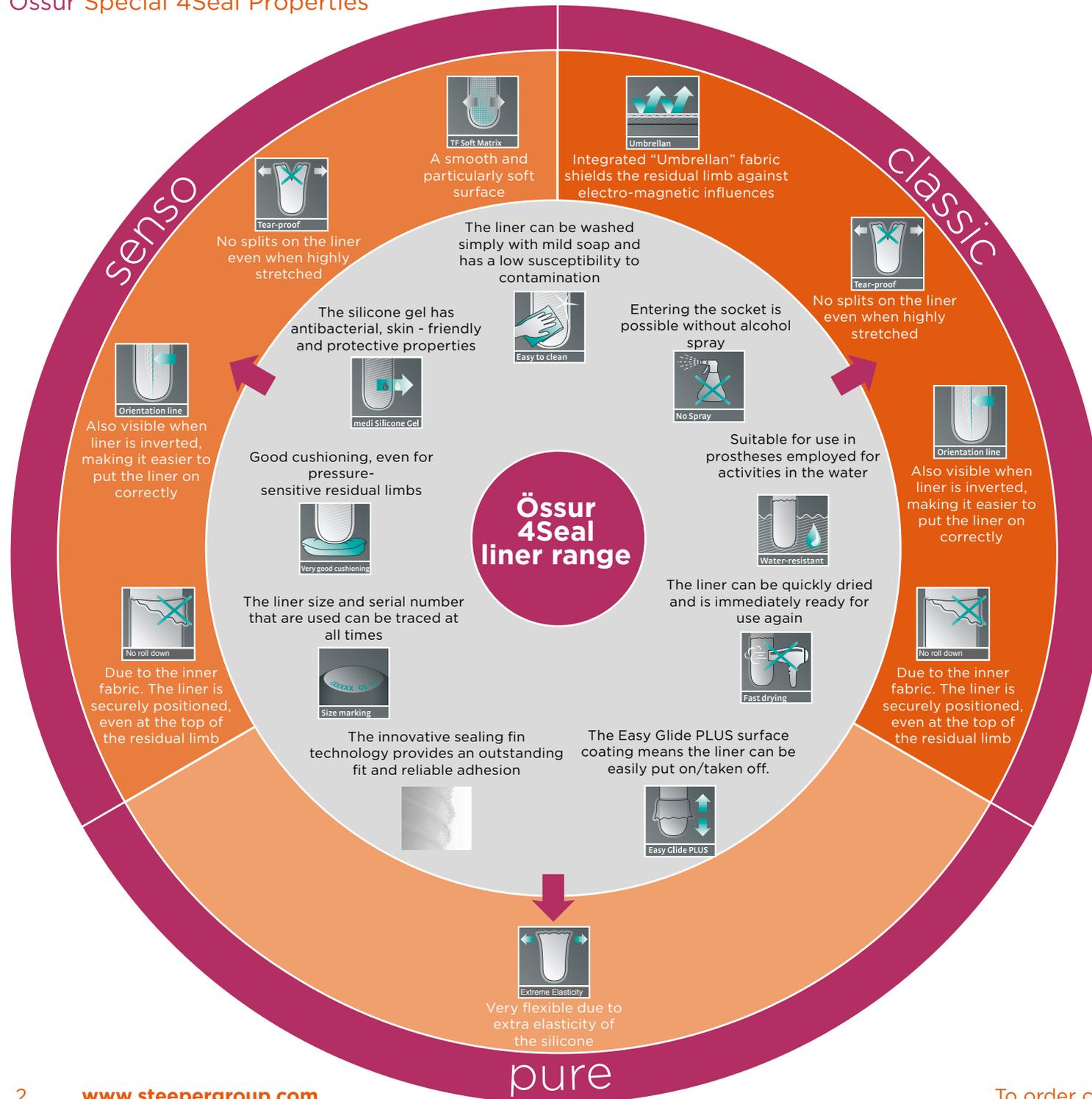


Össur 4Seal
Liner Solutions

 **steepier**
Creating life's turning points, together



The liner for transfemoral suction socket prostheses for all mobility classes

Össur 4Seal liners combine intelligent materials and user-friendly product features to ensure an outstanding fit and reliable retention. They are comfortable to wear, easy to handle and have a highly effective compression therapy formula, promoting venous blood flow return and reducing the formation of oedemas. All Össur 4Seal liners feature the innovative Easy Glide PLUS coating and are available in standard and conical shapes.

In order to respond better to the needs of patients, Össur prosthetics now offer three different versions of the Össur 4Seal liner:

Össur 4Seal Classic

This proven silicone liner is produced with the RELAX matrix which can help in the treatment of phantom pain. It is suitable for patients with soft residual limb tissue and has good durability.

Össur 4Seal Sensio

An especially soft thread is woven into the matrix of the Össur 4Seal Sensio, resulting in a liner with a smooth surface inside and greater elasticity. This liner is for the care of residual limbs with more sensitive skin.

Össur 4Seal Pure

This liner is designed for particularly difficult residual limb shapes. The Össur 4Seal Pure liner does not have a matrix.

EASY CUT volume compensation sleeves

The innovative EASY CUT volume compensation sleeve is particularly suitable for patients who use a sealing liner. It compensates for volume fluctuations and can be easily shortened with scissors to five different lengths, without the fabric having to be cut or re sewn. The integrated grip strip ensures a secure hold on the liner.



Össur 4Seal Classic

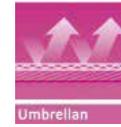
The 4Seal Classic liner is designed for use in a socket with a distal expulsion valve. The liner provides excellent suspension, by means of its four integral seals.

Indications:

- Transfemoral amputation, knee disarticulation
- Phantom pain, phantom sensations

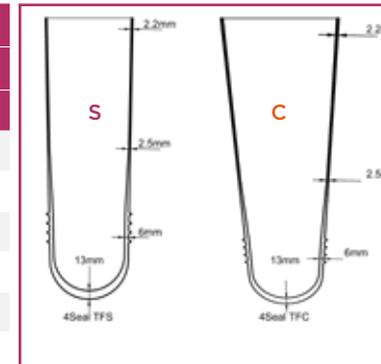
Properties:

- Easy Glide PLUS coating:
 - Auto-glide surface coating
 - Hygienic cleaning properties
- 4 innovative sealing fins:
 - Integrated in the liner surface
- RELAX features:
 - Umbrellan knit with a shielding effect

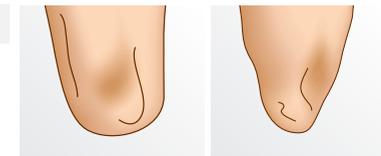


Ordering Information

4Seal Classic TFS		4Seal Classic TFC	
Size	Part Number	Size	Part Number
26.5cm	NM891726	25cm	NM891825
28cm	NM891728	26.5cm	NM891826
30cm	NM891730	28cm	NM891828
32cm	NM891732	30cm	NM891830
34cm	NM891734	32cm	NM891832
36cm	NM891736	34cm	NM891834
38cm	NM891738	36cm	NM891836
40cm	NM891740	38cm	NM891838
45cm	NM891745	40cm	NM891840
50cm	NM891750		



TFS/uniform shape TFC/conical shape



Össur 4Seal Senso

As well as providing good retention of the prosthesis, the 4Seal Senso has an especially soft thread woven into the matrix. This results in a smooth, flexible inner surface and increased elasticity, for the care of residual limbs with more sensitive skin.



Indications:

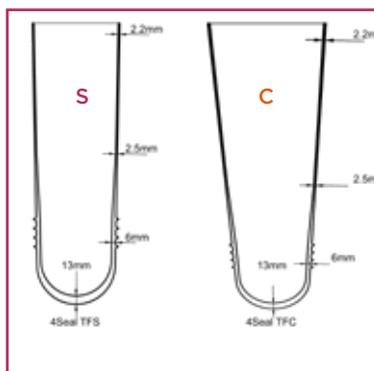
- Transfemoral amputation, knee disarticulation
- Sensitive skin
- Sensitive residual limb conditions

Properties:

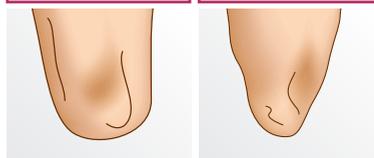
- 4 innovative sealing fins:
 - Integrated in the liner surface
- Easy Glide PLUS coating:
 - Auto-glide surface coating
 - Simple donning and doffing - without alcohol spray.
- Soft Weave Matrix:
 - Smooth inner surface and increased elasticity

Ordering Information

4Seal Senso TFS		4Seal Senso TFC	
Size	Part Number	Size	Part Number
26.5cm	NM896326	25cm	NM896425
28cm	NM896328	26.5cm	NM896426
30cm	NM896330	28cm	NM896428
32cm	NM896332	30cm	NM896430
34cm	NM896334	32cm	NM896432
36cm	NM896336	34cm	NM896434
38cm	NM896338	36cm	NM896436
40cm	NM896340	38cm	NM896438
45cm	NM896345	40cm	NM896440
50cm	NM896350		



TFS/uniform shape TFC/conical shape



Össur 4Seal Pure

The Össur 4Seal Pure liner ensures a secure connection between residual limb and prosthesis. This liner does not have a matrix at all, making it the most elastic of the three 4Seal options, with a totally smooth inner surface, ideal for patients with very sensitive residual limb tissue.

Indications:

- Transfemoral amputation, knee disarticulation
- Difficult residual limb conditions
- Sensitive skin
- Pressure-sensitive residual limb

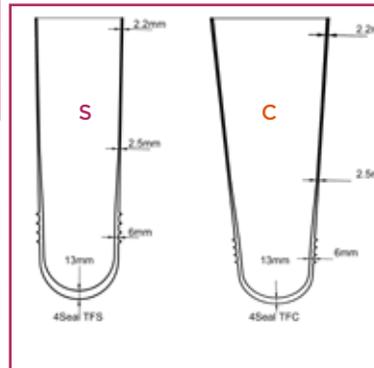
Properties:

- 4 innovative sealing fins:
 - Integrated in the liner surface
- Easy Glide PLUS coating:
 - Auto-glide surface coating
 - Extreme elasticity to accommodate irregular residual limb shapes

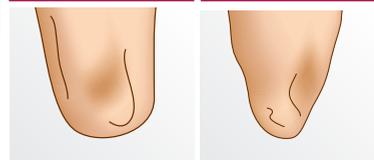


Ordering Information

4Seal Pure TFS		4Seal Pure TFC	
Size	Part Number	Size	Part Number
26.5cm	NM896526	25cm	NM896625
28cm	NM896528	26.5cm	NM896626
30cm	NM896530	28cm	NM896628
32cm	NM896532	30cm	NM896630
34cm	NM896534	32cm	NM896632
36cm	NM896536	34cm	NM896634
38cm	NM896538	36cm	NM896636
40cm	NM896540	38cm	NM896638
45cm	NM896545	40cm	NM896640
50cm	NM896550		



TFS/uniform shape TFC/conical shape



Össur 4Seal size selection

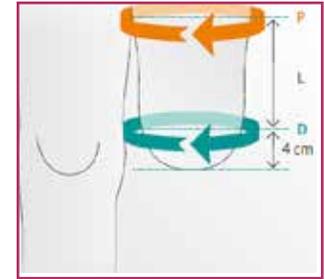
1. Determine the **circumferential dimension D** of the residual limb at 4cm above the distal limb end. The circumferential dimension minus up to 1cm results in the Össur liner size.

Caution: Bony structures (such as the edge of the femur) must be included in the circumferential dimension.

2. Determine the residual limb length L, 4cm from the distal limb end to the perineum.

3. Determine the **circumferential dimension P** as close to the perineum as possible.

4. The residual limb length and circumference are the basis for selecting the correct version of the Össur liner (transfemoral, standard or conical).



Notes on trimming

1. Please make sure that the cut surface matches the socket edge to prevent the cut edge protruding into the groin area.
2. Use the Össur pinking scissors (N1950006) for trimming.

Össur 4Seal size guide

Explanation of the table: **standard/conical**

- A **standard** liner (= S) applies if the proximal circumference P is below the reference value (<).
- A **conical** liner (= C) applies if the proximal circumference P is above the reference value (>).

Distal Circ. D (Height 4cm)	Limb Length L 10 - 15	Limb Length L 15 - 20	Limb Length L 20 - 25	Limb Length L 25 - 30	Limb Length L 30 - 35	Liner Size
	Proximal Circumference P					
24 - 26.5	- 30 >	- 34 >	- 36 >	- 39 >	- 42 >	25
26.5 - 28	< 31 >	< 35 >	< 38 >	< 41 >	< 44 >	26.5
28 - 30	< 33 >	< 37 >	< 40 >	< 43 >	< 46 >	28
30 - 32	< 35 >	< 39 >	< 42 >	< 46 >	< 49 >	30
32 - 34	< 36 >	< 41 >	< 45 >	< 48 >	< 52 >	32
34 - 36	< 38 >	< 43 >	< 47 >	< 51 >	< 54 >	34
36 - 38	< 40 >	< 45 >	< 49 >	< 53 >	< 57 >	36
38 - 40	< 42 >	< 47 >	< 51 >	< 56 >	< 60 >	38
40 - 45	< 44 >	< 49 >	< 54 >	< 58 >	< 62 >	40
45 - 50	S	S	S	S	S	45
50 - 55	S	S	S	S	S	50
	S C	S C	S C	S C	S C	

Össur EASY CUT volume compensation sleeve

The Össur volume compensation sleeve with integrated non-slip topband also features innovative EASY CUT technology.

The sleeve compensates for variations in volume and can easily be shortened to five different lengths without having to separate it, meaning, no additional sewing is necessary. The integrated grip strip ensures a secure hold on the liner and prevents the stocking from slipping.

Product features:

- Topband - which prevents slippage when donning the prosthesis
- Stain proof colour
- Machine washable



More reliability when cast taking

Precise fitting of the plaster cast is made possible by marking and cast taking directly onto the silicone liner.



Marking directly on the liner

Anatomical structures and dimension lines can be marked directly on the liner, rather than onto a sock, preventing slipping of the marks when casting.



Precise measurement between the seals

The measurements are made directly over the liner.



Slipping of the stocking is prevented

Take the cast over a thin nylon stocking. This facilitates the removal of the plaster negative and markings are transferred through the nylon stocking.



Accurate surface of the positive

The finished cast is largely true to size, with the markings transferred accurately.



Easy cleaning of the liner after plastering

Plaster residue and markings can be easily wiped away.

Ordering Information				
Size	Össur 4Seal TFS Size	Össur 4Seal TFC Size	Length	Part Number
Small	26.5 - 32	25 - 28	24cm	N1880010
Medium	34 - 40	30 - 34	24cm	N1880011
Large	45 - 50	36 - 40	24cm	N1880012

Steeper Group
Unit 3 Stourton Link
Intermezzo Drive
Leeds
LS10 1DF
Tel: +44 (0) 113 270 4841
Email: enquiries@steepergroup.com

www.steepergroup.com

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