



medi
RELAX Range

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

medi RELAX Range

Phantom limb pain

Phantom limb pain following amputation may be initiated by a variety of triggers, and considerably interferes with a patient's daily activities. Although a number of treatments are suggested, painkillers are associated with unwanted side effects, and few solutions offer a lasting remedy.

Electro-magnetic waves, either natural or man-made are widely accepted as a trigger for this sudden, sharp pain in the absent limb.

Patented Umbrellan fabric

Following intensive research and development aimed at achieving a lasting remedy for phantom limb pain, medi created the innovative RELAX range, through application of the unique electromagnetic shielding Umbrellan fabric.

Patented by medi, the metallurgical knitted fabric; Umbrellan, relieves or eliminates phantom pain, phantom sensations and idiopathic residual limb pain, with no known side effects.

Therapeutic success

Scientifically proven to relieve the symptoms in around 80% of amputees affected by phantom pain* or phantom sensations, the medi RELAX liners can clearly provide a significant therapeutic effect.

By making use of the RELAX range, a reduction in the cost of patient care and service may be achievable, since many patients attend for further socket and component adjustments, in an attempt to relieve their unpleasant phantom sensations or pain.

RELAX products

- RELAX 3C and 6C Pin and Cushion Liners
- 4Seal Standard and Conical Liners
- RELAX TFS and TFC Liners
- RELAX Night Care Sock
- RELAX Residual Limb Compression Stocking

Physician note

In order to appropriately apply a RELAX product to a patient, it is important to analyse the pain experienced by the patient in detail. It is recommended that the prescribing doctor be seen when managing phantom limb pain in case of ambiguous symptoms, and that individual circumstances are high in consideration.

*Source: Management of Phantom Pain with a Textile, Electromagnetically-Acting Stump Liner: A Randomized, Double-Blind, Crossover Study. Uwe Kern, MD, Bernd Altkemper and Matthias Kohl Center of Pain Management and Palliative Care (U.K.), Wiesbaden; Medi Ltd. (B.A.), Bayreuth; and Statistics & Mathematics Service (StaMatS) (M.K.), Bayreuth, Germany Journal of Pain and Symptom Management Vol. 32 No. 4 October 2006.

RELAX 3C / 6C Pin and Cushion Liners

Cushion Liners

Transtibial cushion liners for use in suction sockets, with valve and suction sleeve, such as the Genu. These liners feature a thicker wall in the distal part of the 3C and throughout the 6C liner. The textile cover eliminates the need for lubricant spray or powder when donning.

Pin Liners

Transtibial pin liners featuring a thicker wall in the distal part of the 3C and throughout the 6C liner. The textile cover eliminates the need for lubricant spray or powder when donning.

RELAX 3C



RELAX 6C



Technical Information	
Material	Silicone, transparent
Matrix	Proprioceptive 2-zone matrix, internal 5+3cm and 10+3cm
Length	Approx 39cm
Amputation Level	Transtibial
Distal Connector	Pin adapter or cushion
Items Included	Silicone glue, medi washing and drying stand
Warranty	6 Months



*For Pin Liner Only

Ordering Information				
Relax 3C Pin			Relax 3C Cushion	
Size	5+3cm Matrix Part Number	10+3cm Matrix Part Number	Size	Part Number
18cm	NM899318	NM899418	18cm	NM899718
20cm	NM899320	NM899420	20cm	NM899720
22cm	NM899322	NM899422	22cm	NM899722
23.5cm	NM899323	NM899423	23.5cm	NM899723
25cm	NM899325	NM899425	25cm	NM899725
26.5cm	NM899326	NM899426	26.5cm	NM899726
28cm	NM899328	NM899428	28cm	NM899728
30cm	NM899330	NM899430	30cm	NM899730
32cm	NM899332	NM899432	32cm	NM899732
34cm	NM899334	NM899434	34cm	NM899734
36cm	NM899336	NM899436	36cm	NM899736
38cm	NM899338	NM899438	38cm	NM899738
40cm	NM899340	NM899440	40cm	NM899740
42cm	NM899342	NM899442	45cm	NM899745
45cm	NM899345	NM899445		

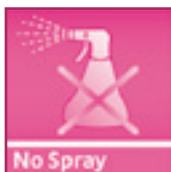
Ordering Information				
Relax 6C Pin			Relax 6C Cushion	
Size	5+3cm Matrix Part Number	10+3cm Matrix Part Number	Size	Part Number
18cm	NM899518	NM899618	18cm	NM899818
20cm	NM899520	NM899620	20cm	NM899820
22cm	NM899522	NM899622	22cm	NM899822
23.5cm	NM899523	NM899623	23.5cm	NM899823
25cm	NM899525	NM899625	25cm	NM899825
26.5cm	NM899526	NM899626	26.5cm	NM899826
28cm	NM899528	NM899628	28cm	NM899828
30cm	NM899530	NM899630	30cm	NM899830
32cm	NM899532	NM899632	32cm	NM899832
34cm	NM899534	NM899634	34cm	NM899834
36cm	NM899536	NM899636	36cm	NM899836
38cm	NM899538	NM899638	38cm	NM899838
40cm	NM899540	NM899640	40cm	NM899840
45cm	NM899545	NM899645	45cm	NM899845

4SEAL TFS and TFC Liners

Inspired by the soles of a gecko's feet, 4Seal silicone liners from medi provide a natural hold for the user, through flexi seals and medi compression technology. Through the addition of a conical option, medi 4Seal liners ensure a complete solution and offer a range of benefits for the transfemoral amputee requiring a suction seal liner.

4Seal TFS

4Seal TFC



Technical Information	
Material	Silicone, transparent
Matrix	Continuous fabric within the silicone
Length	Approx 40cm
Amputation Level	Transfemoral
Items Included	Instruction manual, drying stand, Umbrellan pain relief diary and pain score
Warranty	6 Months

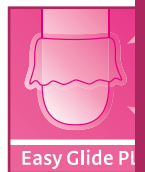
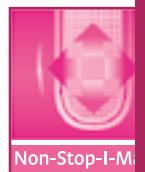
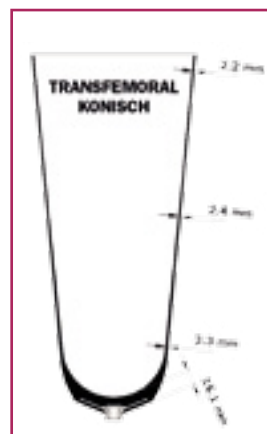
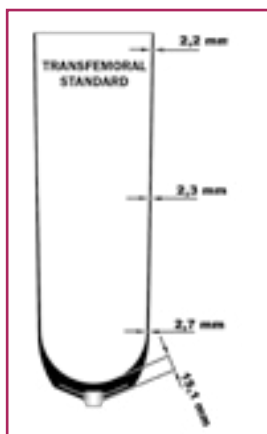
Ordering Information			
4Seal TFS		4Seal TFC	
Size	Part Number	Size	Part Number
26.5cm	NM891726	25cm	NM891825
28cm	NM891728	26.5cm	NM891826
30cm	NM891730	28cm	NM891828
32cm	NM891732	30cm	NM891830
34cm	NM891734	32cm	NM891832
36cm	NM891736	34cm	NM891834
38cm	NM891738	36cm	NM891836
40cm	NM891740	38cm	NM891838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

RELAX TFS and TFC Liners

Transfemoral pin liners available in Standard or Conical profile and feature Easy Glide PLUS coating for simple donning and doffing.

RELAX TFS

RELAX TFC



Technical Information	
Material	Silicone, transparent
Matrix	Proprioceptive, continuous, internal
Length	Approx 39cm
Amputation Level	Transfemoral
Distal Connector	Pin adapter
Items Included	Silicone glue, medi washing and drying stand
Warranty	6 Months

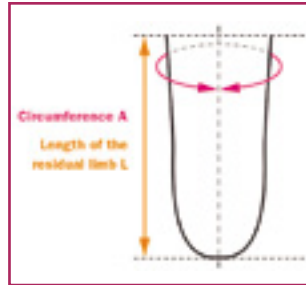
Ordering Information		
Size	AKOS TFS Part No.	AKOS TFC Part No.
24cm		NM895824
27cm	NM895727	NM895827
31cm	NM895731	NM895831
35cm	NM895735	NM895835
39cm	NM895739	NM895839
43cm	NM895743	
47cm	NM895747	
52cm	NM895752	

RELAX Night Care Sock

Designed for wearing at night, or whenever the prosthesis is not being worn, the skin-friendly Umbrellan fabric and Clima Comfort properties of the sock make it comfortable to wear. It can be used to help assess the effectiveness of the RELAX system for the reduction or eradication of the patient's phantom pain or sensation.

To help achieve this, Steeper offers a 'money back guarantee' for this product only. If, after 5 days your patient feels no benefit from the Night Care Sock, your product may be returned for a full refund. Please note: if your patient feels a reduction in pain from the sock, they will receive the same benefit from the liner. Equally, if no benefit is felt by the patient upon using the Night Care Sock, a reduction in pain would not be expected from the RELAX liner range.

TEST WITHOUT RISK
"MONEY BACK
GUARANTEE"



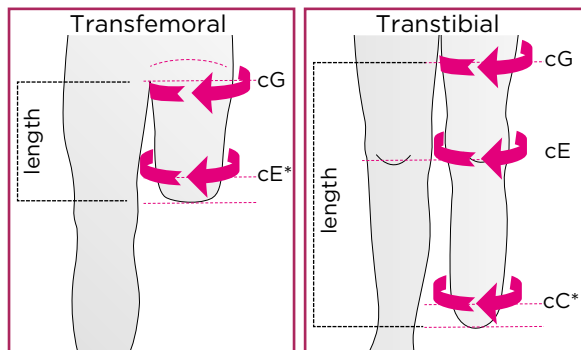
Technical Information	
Material	Umbrellan® with Clima-Comfort®
Size / Length	See product table
Amputation Level	Transtibial, knee disarticulation
Cleaning	At 30° hand wash
Items Included	Umbrellan user set (pain diary, pain scale, sample of medi neutral soap)
Warranty	6 months

Circumference A	Size	Part Number for 30cm Length	Part Number for 40cm Length
20-26 cm	S		N1880322
26-33 cm	M	N1880328	N1880323
33-42 cm	L	N1880329	N1880324
42-52 cm	XL	N1880325	N1880327
52-62 cm	XXL	N1880326	

Note: RELAX shorts are also available for AK users. Please refer to our catalogue or contact us for further details.

RELAX Residual Limb Compression Stocking

Transfemoral and transtibial options available, designed to provide effective residual limb compression to aid the reduction of oedema, provide relief from phantom limb pain, phantom limb sensation and idiopathic residual limb pain through the combination of Clima-Comfort yarn and Umbrellan fabric.



*5cm above the distal end of the residual limb



Transfemoral - Ordering Information					
Size	Compression Class	Cir. cE (cm)	Cir. cG (cm)	Part Number for 20-26cm length	Part Number for 26-32cm length
2	CCL2	30-34	42-50	N1880522	N1880532
3	CCL2	34-38	46-54	N1880523	N1880533
4	CCL2	38-42	50-58	N1880524	N1880534
5	CCL2	42-46	54-62	N1880525	N1880535
6	CCL2	46-50	58-68	N1880526	N1880536

Transtibial - Ordering Information						
Size	Compression Class	Cir. cC (cm)	Cir. cE (cm)	Cir. cG (cm)	Part Number for 30-38cm length	Part Number for 38-46cm length
2	CCL2	28-31	30-35	36-43	N1880422	N1880432
3	CCL2	31-34	33-38	40-47	N1880423	N1880433
4	CCL2	34-37	36-42	44-51	N1880424	N1880434
5	CCL2	37-40	40-45	49-56	N1880425	N1880435
6	CCL2	40-44	43-48	53-60	N1880426	N1880436

Technical Information

Material	Umbrellan® with Clima-Comfort®
Size / Length	See product table
Amputation Level	Transtibial, knee disarticulation / transfemoral
Cleaning	At 30° hand wash
Compression Class	CCL2
Warranty	6 months

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