



ALPS Products

Ortopro
A Blatchford Company

CASE HISTORY 1

This patient is a **severe diabetic**, insulin dependent with compromised vascularization.

The first two pictures have been taken prior to the fitting by CPO, Jim, McElhiney Nashville (USA). The patient had been out of her prosthesis for 3 weeks and was being treated with wet and dry dressing. She was then fitted with Alps Easyliner (Cushion Liner) and Alps Easysleeve (Sealing Sleeve), creating a suction suspension system.

Before the fitting with Alps Easyliner.



▶ One week post initial fitting with Alps Easyliner.



▶ Three weeks post initial fitting with Alps Easyliner.

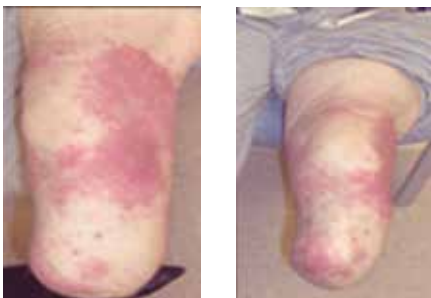


Case history provided by: Jim McElhiney, CPO, Nashville (USA).

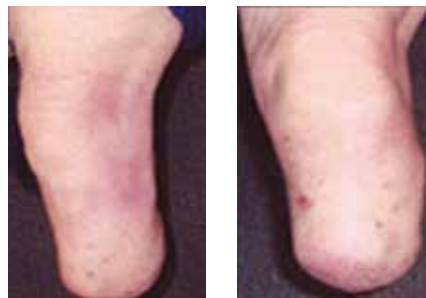
CASE HISTORY 2

This patient has been diagnosed with Contact Dermatitis. He followed the simple cleaning procedures as recommended by the manufacturer. When that wasn't enough, he started using our product, these are the results.

Prior to fitting with Alps Easyliner.



One week post fitting with Alps Easyliner.



Case history provided by: Wayne Sadler, CPO, Kentucky (USA).

CASE HISTORY 3

This patient has been diagnosed with Contact Dermatitis. He followed the simple cleaning procedures as recommended by the manufacturer. When that wasn't enough, he started using our product, these are the results.

Before, when wearing a silicone liner



After, when fitted with Alps EasyLiner during 4 weeks



Case history provided by: Palgi Orthopaedic, Israel

EasyLiner

ELDT/ELFR
EasyGel liner with reinforced fabric

ALPS EasyLiner contains an antioxidant that is an effective scavenger of free radicals and hydroxyl groups, with beneficial effects on the skin (case studies are available). ALPS EasyLiner combines softness, strength, and elasticity from the ALPS EasyGel. This provides the comfort and durability users expect.

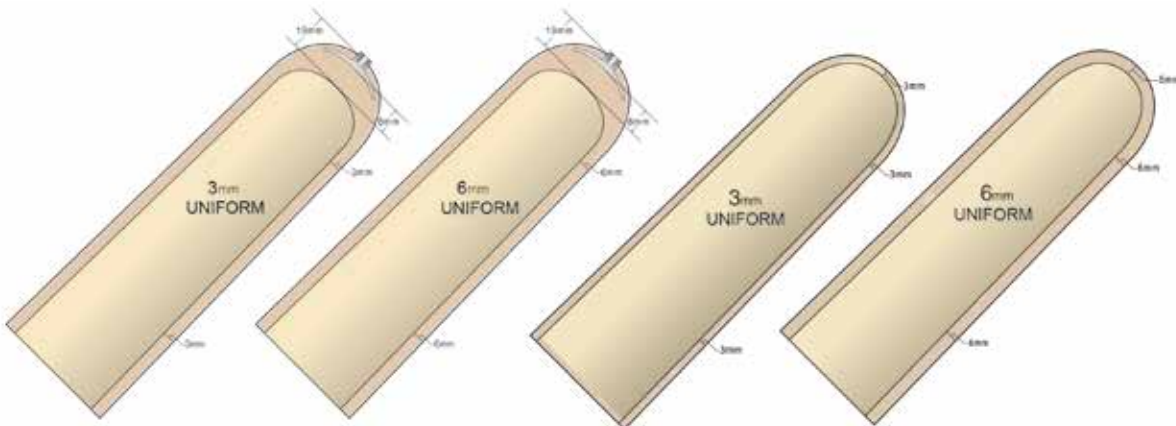


Features and Applications:

- High Performance Fabric improves durability
- Contains an antioxidant for use on delicate skin
- The low coefficient of friction relieves the skin of shear forces
- Also available in a tapered version, from 6 mm distally to 3 mm proximally

Cross Section

3mm and 6mm



Sizing chart

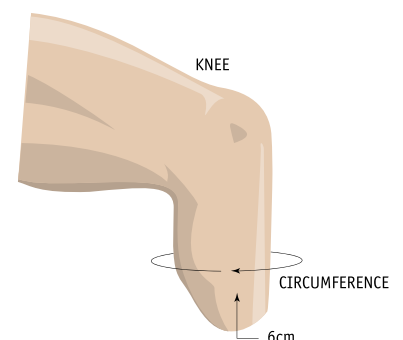
Measurements taken 6 cm from the distal end

Measured Size (cm)	Locking		Cushion			
	3.0mm	6.0mm	6.0/3.0mm	3.0mm	6.0mm	6.0/3.0mm
Description	Uniform	Uniform	Tapered	Uniform	Uniform	Tapered
16-19 cm	ELDT16-3	ELDT16-6	ELDT16-6	ELFR16-3	ELFR16-6	ELFR16-6/3
20-23 cm	ELDT20-3	ELDT20-6	ELDT20-6	ELFR20-3	ELFR20-6	ELFR20-6/3
24-25 cm*	ELDT24-3	ELDT24-6	ELDT24-6	ELFR24-3	ELFR24-6	ELFR24-6/3
26-27 cm	ELDT26-3	ELDT26-6	ELDT26-6	ELFR26-3	ELFR26-6	ELFR26-6/3
28-31 cm*	ELDT28-3	ELDT28-6	ELDT28-6	ELFR28-3	ELFR28-6	ELFR28-6/3
32-37 cm	ELDT32-3	ELDT32-6	ELDT32-6	ELFR32-3	ELFR32-6	ELFR32-6/3
38-43 cm	ELDT38-3	ELDT38-6	ELDT38-6	ELFR38-3	ELFR38-6	ELFR38-6/3
44-52 cm	ELDT44-3	ELDT44-6	ELDT44-6	ELFR44-3	ELFR44-6	ELFR44-6/3

*Available also 9mm uniform

How to Size

Measurements taken 6 cm from the distal end



General Purpose Liner

GPDT/GPFR
Universal High Grip Gel liner

The General Purpose Gel Liner combines softness, strength, and elasticity from the ALPS High Grip Gel. This provides the comfort and durability users expect. The superior elongation from this liner does not restrict blood flow in a patient's limb. Also, this liner is easy for a patient to don/doff for geriatric patients

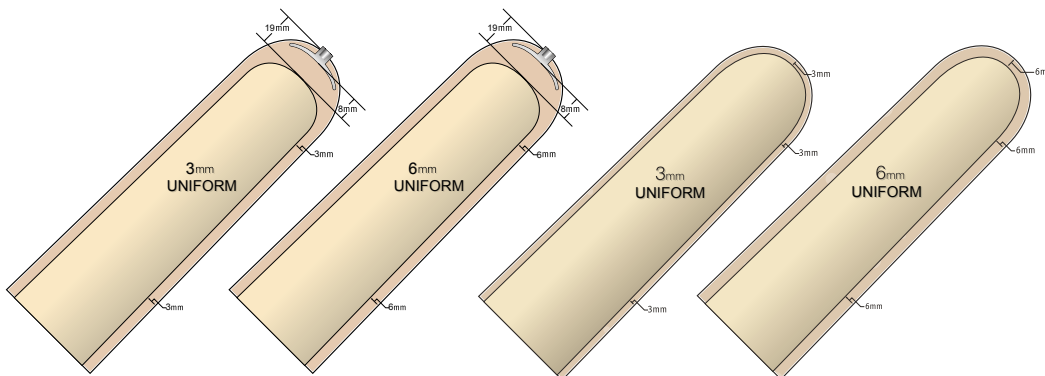
Features and Applications:

- Alps High Grip Gel assists in suspension
- High Performance Fabric improves durability
- Distal end encapsulation retrofits most competitors' liners
- Universal liner, recommended also for geriatric patients







Cross Section

3mm and 6mm



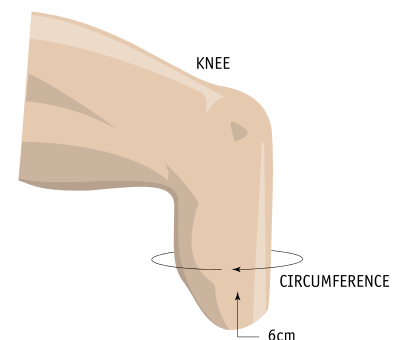
Sizing chart

Measurements taken 6 cm from the distal end

Measured Size (cm) Description				
	Locking 3.0mm Uniform	Locking 6.0mm Uniform	Cushion 3.0mm Uniform	Cushion 6.0mm Uniform
16-19 cm	GPDT16-3	GPDT16-6	GPFR16-3	GPFR16-6
20-23 cm	GPDT20-3	GPDT20-6	GPFR20-3	GPFR20-6
24-25 cm	GPDT24-3	GPDT24-6	GPFR24-3	GPFR24-6
26-27 cm	GPDT26-3	GPDT26-6	GPFR26-3	GPFR26-6
28-31 cm	GPDT28-3	GPDT28-6	GPFR28-3	GPFR28-6
32-37 cm	GPDT32-3	GPDT32-6	GPFR32-3	GPFR32-6
38-43 cm	GPDT38-3	GPDT38-6	GPFR38-3	GPFR38-6
44-52 cm	GPDT44-3	GPDT44-6	GPFR44-3	GPFR44-6

How to Size

Measurements taken 6 cm from the distal end



ECO Liner

ECDTHD/ECFRHD
Gel Liner – With or Without Distal Attachment

The ALPS ECO Liner features a new distal construction with reduced stretch to control distal distraction. Using less energy to produce, the ECO Liner has a new seamless knitted construction with a chic new look. It is available in a Locking or Cushion Liner with the ALPS HD Gel to provide active amputees with a better degree of control.

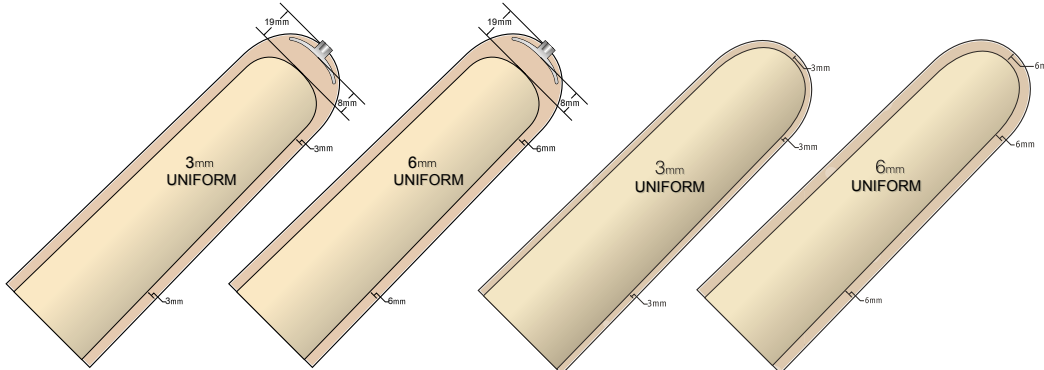
Features and Applications:

- New distal construction
- Only available in HD Gel
- Available in 3mm and 6mm uniform thickness







Cross Section

3mm and 6mm



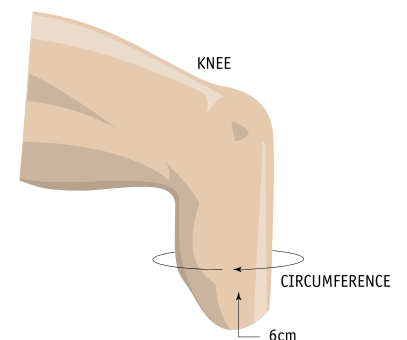
Sizing chart

Measurements taken 6 cm from the distal end

Measured Size (cm) Description				
	Locking 3.0mm Uniform	Locking 6.0mm Uniform	Cushion 3.0mm Uniform	Cushion 6.0mm Uniform
20-23 cm	ECDTHD20-3	ECDTHD20-6	ECFRHD20-3	ECFRHD20-6
24-25 cm	ECDTHD24-3	ECDTHD24-6	ECFRHD24-3	ECFRHD24-6
26-27 cm	ECDTHD26-3	ECDTHD26-6	ECFRHD26-3	ECFRHD26-6
28-31 cm	ECDTHD28-3	ECDTHD28-6	ECFRHD28-3	ECFRHD28-6
32-37 cm	ECDTHD32-3	ECDTHD32-6	ECFRHD32-3	ECFRHD32-6

How to Size

Measurements taken 6 cm from the distal end



Silicone Pro

LSL / LSC

Silicone Liner – Fabric Reinforced

The ALPS™ Silicone Pro is a medical grade silicone liner protected by ALPS knitted fabric and is available in Locking or Cushion Suspension. The liner comfortably suspends patients in their prosthesis and allows for freedom of movement.

- Medical grade silicone protected by knitted fabric
- Reduced Pistoning
- Available in locking or cushion in 3.0mm uniform thickness



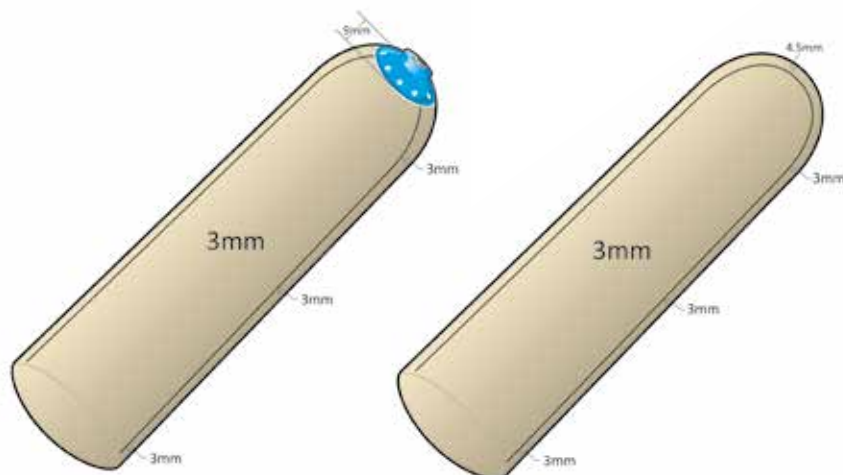
Locking



Cushion





Knitted Fabric
Seamless, Differentiated
Stretch, Integrated Matrix



Cross Section
3.0mm Uniform

Sizing chart

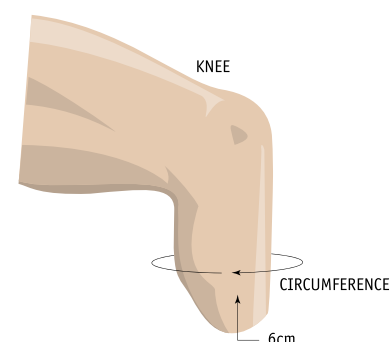
Measurements taken 6 cm from the distal end

Measured Size (cm) Description		
	Locking 3.0mm Uniform	Cushion 3.0mm Uniform
14-17 cm	LSL3.0-14*	LSC3.0-14*
16-19 cm	LSL3.0-16*	LSC3.0-16*
18-21 cm	LSL3.0-18*	LSC3.0-18*
20-23 cm	LSL3.0-20	LSC3.0-20
22-25 cm	LSL3.0-22	LSC3.0-22
24-25 cm	LSL3.0-24	LSC3.0-24
26-27 cm	LSL3.0-26	LSC3.0-26
28-31 cm	LSL3.0-28	LSC3.0-28
30-33 cm	LSL3.0-30	LSC3.0-30
32-37 cm	LSL3.0-32	LSC3.0-32
35-37 cm	LSL3.0-35	LSC3.0-35
38-47 cm	LSL3.0-38	LSC3.0-38
44-53 cm	LSL3.0-44*	LSC3.0-44*

*Size Available Upon Request

How to Size

Measurements taken 6 cm from the distal end



Smart Seal Liner

SAFR /SADT/SBFR

Transfemoral (SA) rings begin 14 cm from the center of the distal end.

Transtibial (SB) rings begin 9 cm from the center of the distal end.



Gel Liner with Bands – With or Without Distal Attachment

The ALPS™ Smart Seal Liner features raised bands that grip the socket wall to form a secure interface. The low modulus bands stretch against the socket wall, while the smooth inner wall conforms easily to the residual limb. The Smart Seal Liner has a new seamless knitted construction with a modern look and is available in locking and cushion suspension. The locking version features a new distal construction to control distal distraction.



Locking



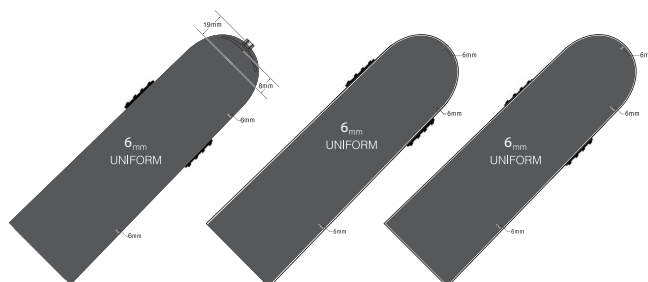
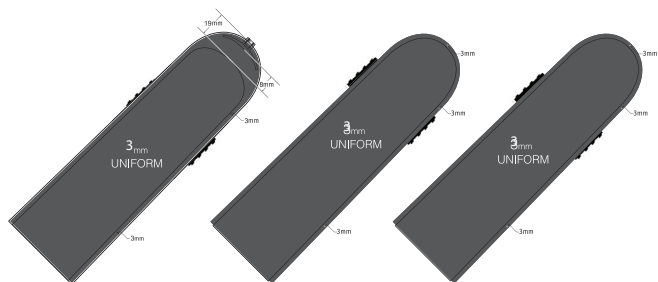
Cushion



High Density (HD) Gel

- New seamless knitted construction
- Only available in HD Gel
- Available in locking and cushion suspension in 3mm or 6mm uniform thickness





Cross Section 3mm Uniform, 6mm Uniform



Sizing chart

Measurements taken 6 cm from the distal end

For size 20-28 the rings begin 9 cm from the center of the distal end.

(TF) Measured Size Description	 Cushion		 Locking		(TT) Measured Size Description	 Cushion		 Locking	
	3 or 6mm Uniform	3 or 6mm Uniform	3 or 6mm Uniform	3 or 6mm Uniform		3 or 6mm Uniform	3 or 6mm Uniform		
26-27 cm	SAFR26-(3 or 6)	SADT26-(3 or 6)	SADT20-(3 or 6)	SADT24-(3 or 6)	20-23 cm	SBFR20-(3 or 6)	SADT20-(3 or 6)	SADT24-(3 or 6)	SADT26-(3 or 6)
28-31 cm	SAFR28-(3 or 6)	SADT28-(3 or 6)	SADT24-(3 or 6)	SADT28-(3 or 6)	24-25 cm	SBFR24-(3 or 6)	SADT24-(3 or 6)	SADT28-(3 or 6)	SADT28-(3 or 6)
32-37 cm	SAFR32-(3 or 6)	SADT32-(3 or 6)	SADT26-(3 or 6)	SADT32-(3 or 6)	26-27 cm	SBFR26-(3 or 6)	SADT26-(3 or 6)	SADT32-(3 or 6)	SADT32-(3 or 6)
38-43 cm	SAFR38-(3 or 6)	SADT38-(3 or 6)	SADT28-(3 or 6)	SADT38-(3 or 6)	28-31 cm	SBFR28-(3 or 6)	SADT28-(3 or 6)	SADT38-(3 or 6)	SADT38-(3 or 6)

Flex Sleeve

SFX
Gel Suction Suspension Sleeve

ALPSTM Flex Sleeve (**SFX**) is made with a seamless knitted construction in HD Gel to provide maximum comfort. The SFX has a 30° pre-flexion which allows for ease of bending of the knee and reduces bunching behind the knee.

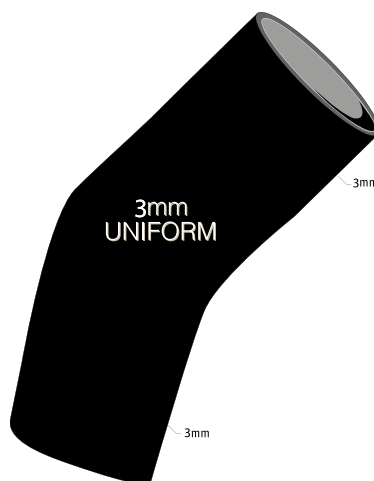


Features and Applications:

- Features a 30° pre-flexion
- HD Gel provides active amputees a great degree of control
- Available in 3mm uniform thickness
- Available in one length that accommodates most users
- Description Flex Sleeve, 3mm uniform, with High Density Gel (HD)

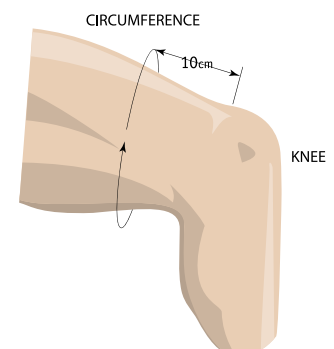
	Grey
Measured size	3.0mm Uniform
20-34 cm	SFX20-3G
31-40 cm	SFX26-3G
35-60 cm	SFX32-3G

	Beige
Measured size	3.0mm Uniform
20-34 cm	SFX20-3B
31-40 cm	SFX26-3B
35-60 cm	SFX32-3B



How to Size

Measurements taken 10 cm above Patella





Ole Kristian Antonsen

The fittest adaptive athlete on earth 2019

His experiences of the Alps Sleeve SFBHD

"I have used this sleeve for a couple of months. My socket is secure on my leg even if I exercise hard and sweat a lot. Other sleeves I have tried have all slid down when exercising. This one is also very durable and will endure very hard use. I know some prosthetic users are having a hard time finding a sleeve that will cope with extreme loads. Some sleeves will quickly tear and also widen very fast. This sleeve gets the job done!"



Superior Suspension Sleeve

SFB/ SFBHD
Gel suction
suspension sleeve
with knitted fabric, 2mm

ALPS Superior Suspension Sleeve has superior comfort provided by ALPS Gel. The SFB features a NEW black knitted fabric that still allows the user excellent freedom of knee flexion. The SFB also achieves secure suspension by sealing with the skin without restricting circulation, while the Gel sticks to the patient's skin without causing shear forces. With a thinner profile, the SFB, is an ideal choice for those concerned about bulk.



Features and Applications:

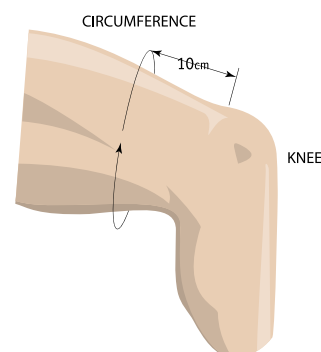
- Available with High Density Gel (HD) or with Grip Gel
- Available in 2mm uniform thickness
- Freedom of knee flexion
- Provides a secure suspension

Measured size	Grip Gel 2.0mm Uniform
25-30 cm	SFB20-2 (S)
31-34 cm	SFB24-2 (M)
35-37 cm	SFB26-2 (M+)
38-40 cm	SFB28-2 (L)
41-45 cm	SFB32-2 (XL)



Measured size	High Density Gel 2.0mm Uniform
25-30 cm	SFBHD20-2 (S)
31-34 cm	SFBHD24-2 (M)
35-37 cm	SFBHD26-2 (M+)
38-40 cm	SFBHD28-2 (L)
41-45 cm	SFBHD32-2 (XL)

How to Size
Measurements taken 10 cm
above Patella



Skin Reliever

ENCP
EasyGel sheat

The ALPS Skin Reliever eliminates shear forces, friction, and prevents abrasions on the skin of the stump. It also accommodates volume fluctuations over the life of the prosthesis. There is no need to make a new socket, ALPS Skin Reliever can be worn under silicone, gel, and pelite liners.

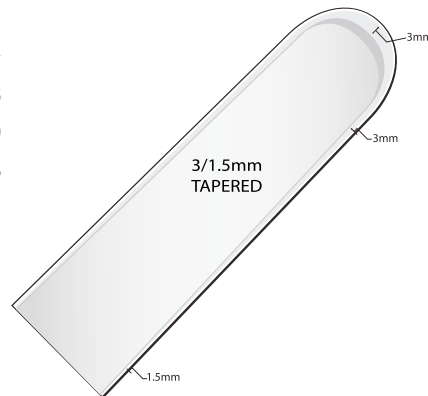


Features and Applications:

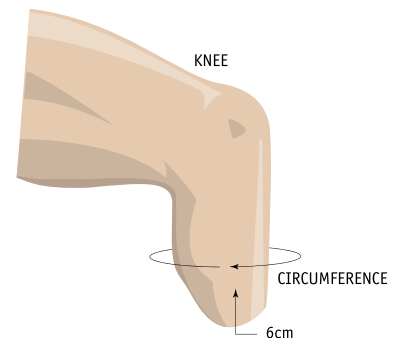
- Reduces shearing and abrasions
- High elasticity
- Replaces pelite and socks
- Softens and soothes the skin

Skin Reliever ENCP. Cross section
3 mm - 1.5mm
Tapered - No Fabric or Distal Attachment

Measured size	3/1,5mm
10-19 cm	ENCP16
20-27 cm	ENCP20
28-37 cm	ENCP28



How to Size
Measurements taken 6 cm
from the distal end



Vacuum Integrated Pump (VIP)

VIP is an air expulsion pumping system for prosthetic socket.

The use of VIP provides patients **continuous total contact** when donning the prosthesis. This is essential for an **even weight distribution** and to distribute the suspension of the prosthesis over the whole surface of the residual limb.

The vacuum created by the VIP stabilizes the residual limb, overcoming all issues connected with the stump changing volume during the day.

VIP is **easy to install** in the prosthetic socket. **It doesn't require the use of batteries or other power sources**, and the need for pistons and cylinders to pump air out of the socket. It's **quite, light** and **doesn't affect the cosmetic appearance** of the prosthesis.



Product Number

VIP-DL VIP-Low Vacuum, Convex
VIP-DH VIP-High Vacuum, Convex
VE319-D VIP Dummy
VE819-P VIP/EZ-Lock Mounting Plate



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