



MAKING LIVES BETTER

PROSTHETIC SOLUTIONS CATALOGUE 2023



ALPS® SOUTH

LINER SPECIALISTS SINCE 1993

ALPS® South is an American company which has been specializing in the production of prosthetic liners since 1993. Since then we have expanded globally, with offices in 5 countries, a consolidated network of agents and over 160 trusted distributors spread out all over the world.

Thanks to our dedication to innovation, coupled with our eagerness to interpret and even anticipate the needs of prosthetic technicians and wearers, ALPS® has gone far beyond our initial production only of prosthetic liners, and developed a whole range of high-quality prosthetic solutions, including more than 75 registered patents spanning an array of product categories. This catalogue makes it easy to access information about the entire range of ALPS® products to identify the best prosthetic solutions based on both the lifestyle and clinical profile of each individual patient.

PREMIUM QUALITY 100% MADE IN USA

Investment in innovation, research and quality, both in terms of products and working methods, continues to be a priority here at ALPS®, allowing us to offer premium solutions. The entire production process, from the knitting of fabrics to the manufacturing of the liners, takes place at our St. Petersburg, Florida plant. This means we can assure maximum quality control at every step of production. In addition ALPS® guarantees the quality and safety of its products with certification from some of the most important internationally recognized authorizing institutions. ALPS® has been manufacturing FDA-approved medical devices since 1989. ALPS® products are designed and produced according to ISO13485 and GMP (Good manufacturing practice) standards, meeting the requirements of the EU regulations CEE 93/42 UE and conforming to MDR 2017/745.





ALPS® SOUTH

MAKING LIVES BETTER™

"Making Lives Better™" is the mission which has been driving the company since 1988, inspiring our job every day and pushing us to provide superior products for you and for every prosthetics user.

We pride ourselves on our fair business practices with customers, vendors, and employees alike, while maintaining a brand image that makes our staff, collaborators and end-users of our products all proud to be associated with ALPS®.

USERS FIRST

At the top of the catalogue, you can find a unique tool called Choose Your Liner™ which ALPS® has developed to help you identify which prosthetic solutions are best suited to each patient, based on both the individual's lifestyle and clinical profile. You will find products specifically tailored to your needs as well as related suspension systems, applicable in 5 easy steps. Putting the user first helps you choose the best prosthetic solution for each individual.

Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



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PRODUCT SYMBOLS

SUSPENSION



Locking Liner



Cushion Liner

MATERIAL



EasyGel: contains antioxidants that are an effective scavenger of free radicals and hydroxyl groups. Best for use on amputees with adherent scar tissue, skin irritation, sensitive skin and diabetics.



Grip Gel: tackiness helps in reducing bunching in the popliteal area. Best for use on amputees with healthy skin tissue.



High Density Gel: the relatively firm nature of the HD Gel combines comfort with control and stability. Best for use on patients who are transitioning from a silicone liner to a gel liner.



Silicone

FABRIC



In house knitted fabric with high quality yarns



Black Fabric with highly reduced vertical stretch



Brown Fabric with reduced vertical stretch



Beige Fabric with both horizontal and vertical stretch

ACTIVITY LEVEL



K1: low activity



K2: middle/low activity



K3: middle/high activity



K4: high activity

LINERS OVERVIEW

PICTURE	NAME	PART #	SUSPENSION	MATERIAL
	EasyLiner®	ELDT ELFR	 	 EasyGel
	Silicone PRO Liner	LSC LSL	 	 Silicone
	Superior Performance Liner	SPDT SPFR	 	 GripGel
	Superior Performance HD Liner	SPDTHD SPFRHD	 	 High Density Gel
	General Purpose Liner	GPDT GPFR	 	 GripGel
	Eco™ Liner	ECDTHD ECFRHD	 	 High Density Gel

THICKNESS	ACTIVITY LEVEL	RECOMMENDED FOR	PAGE
 3 mm 6 mm 3/6 mm <small>9 mm available only for size 24 and 28</small>		Diabetic patients and those with sensitive skin and whenever the comfort and the protection of the residual limb is a priority.	34
 3 mm		Residual limbs with redundant soft tissue and for transfemoral amputees. Further recommended to counter perspiration issues and for patients living in hot areas.	36
 3 mm 6 mm		Transfemoral and transtibial patients with moderate activity levels, and good skin condition who are looking for an improved control of the prosthetic leg.	38
 3 mm 6 mm		Patients with medium and high activity levels who require both comfort and elevated levels of control of the prosthetic leg. It is also recommended for patients whose residual limbs have excessive soft tissue and for transfemoral amputees.	40
 3 mm 6 mm		Patients with low activity levels and good skin conditions; it is also indicated for irregularly shaped residual limbs and those with bony protuberances.	42
 3 mm 6 mm		Patients with medium to high activity levels, whether with transtibial or transfemoral prostheses, and for those whose residual limbs present redundant soft tissues.	44

LINERS OVERVIEW

PICTURE	NAME	PART #	SUSPENSION	MATERIAL
	Smart Seal™ Liner	SADT SAFR SBFR	 	 High Density Gel
	Extreme™ Liner	AKDT AKFR	 	 GripGel
	Extreme™ HD Liner	AKDTHD AKFRHD	 	 High Density Gel
	EasyFlex™ Liner	EZF		 EasyGel
	EasyLiner® SuperStretch	ELPX		 EasyGel
	Anterior Posterior Tapered Liner	APDT APFR	 	 High Density Gel

THICKNESS	ACTIVITY LEVEL	RECOMMENDED FOR	PAGE
 3 mm 6 mm		Transtibial and transfemoral users with medium to long residual limbs and for knee disarticulation.	46
 3 mm 6 mm		Patients, both transfemoral and transtibial, with medium activity levels whose skin is in good condition and who are aiming to maintain a good level of control of the prosthetic leg.	48
 3 mm 6 mm		Patients with medium and high activity levels as it offers a high level of control while preserving comfort. It is also recommended for patients whose residual limbs have excessive soft tissue and for transfemoral amputees.	50
 3 mm 6 mm		It is recommended for diabetic and sensitive skin transtibial patients who have medium to high activity levels and using a pin and lock suspension.	52
 6 mm		It is recommended for diabetic patients and those with sensitive skin or irregularly shaped residual limbs.	54
 AP tapered		It is indicated for transtibial users with medium and high activity levels who desire greater control and freedom of movement without sacrificing comfort.	56

LINERS OVERVIEW

PICTURE	NAME	PART #	SUSPENSION	MATERIAL
	PSI Liner	PSI		 EasyGel
	Liberty™ Liner	VSDT		 High Density Gel

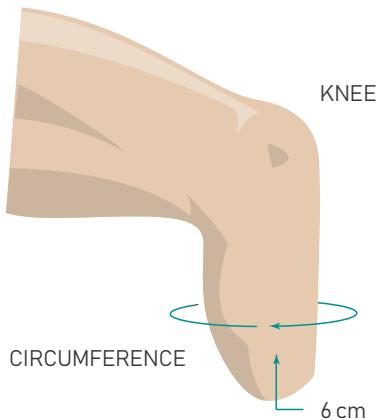
THICKNESS	ACTIVITY LEVEL	RECOMMENDED FOR	PAGE
 6 mm 6/3 mm		It is recommended for transtibial patients with low and medium activity levels and sensitive skin.	58
 3 mm 6 mm		It is recommended to counter the problem of excessive perspiration.	60

SLEEVES OVERVIEW

PICTURE	NAME	PART #	MATERIAL	THICKNESS	KEY FEATURES
	Superior Suspension Sleeve	SFB SFBHD	 		2 mm thinner profile for less bulk
	Extreme Sleeve	SFK		 	Limited vertical stretch, ideal for active patients
	Superior Performance Sleeve	SFP SFPHD	 	 	The innovative black fabric provides comfort and stability
	EasySleeve	SFR		 	For sensitive skins
	Flex Sleeve	SFX			30° pre-flexed
	EasySleeve SuperStretch	SLE			Without fabric for freedom of movement
	V.I.V.A	VIVA		 	The built-in valve evacuates the air in the socket

HOW TO SIZE LINERS

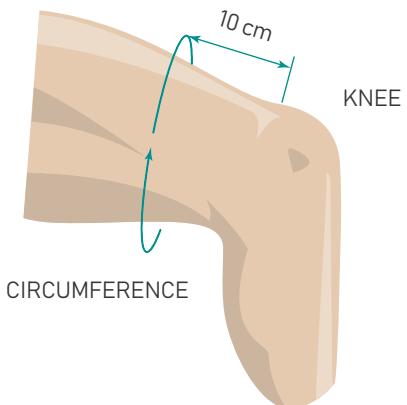
ACTIVITY LEVEL



Measure the circumference of the stump at 6 cm above the distal end. Use the chart to select the size of the liner.

Example: for a measured circumference of 30 cm, select a 28 size liner.

HOW TO SIZE SLEEVES



Measure the circumference of the leg at 10 cm above the centre of the knee. Use the chart to select the size of the sleeve.

Example: for a measured circumference of 32 cm, select a 24 size sleeve.

OUR TECHNOLOGIES

Gel Technology
Knitting Technology
Silicone Technology
NRG™ Technology



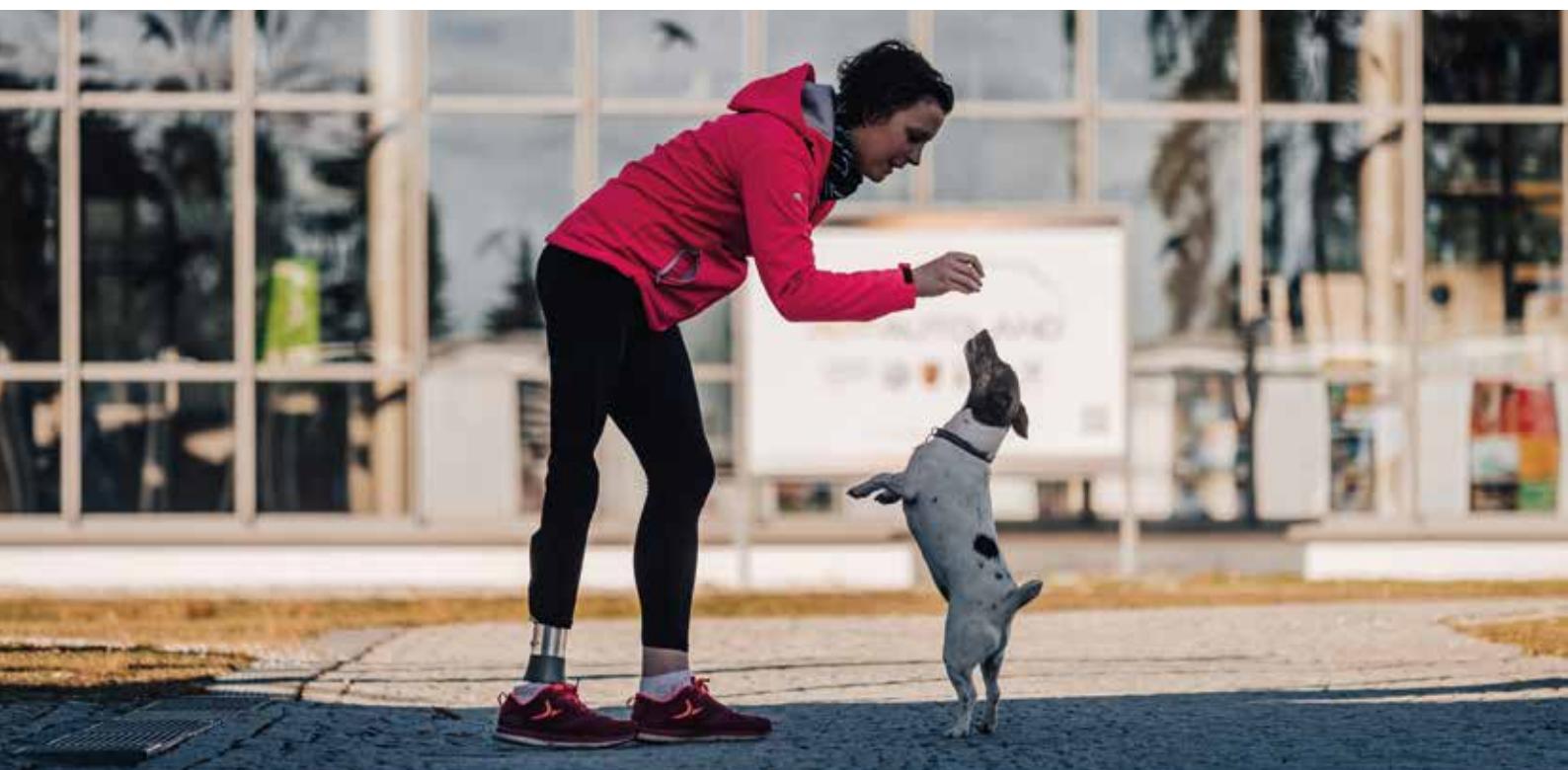


GEL TECHNOLOGY

ALPS® expertise in the field of chemistry and our position as a leading manufacturer of advanced gel-based medical devices have led to the development of a wide range of prosthetic liners and sleeves over the years, characterized by an innovative and unique product: our patented gel.

ALPS® Gel is a thermoplastic elastomer (TPE) which offers an optimum level of protection against shear forces and other stresses, guaranteeing the perfect combination of control and uniform distribution of pressure within the socket thanks to its characteristic low modulus of elasticity.

ALPS® Gel is far more flexible and resistant with respect to other thermoplastic gels being used in the lower limb prosthetic liner industry. ALPS® Gel offers up to six times the elasticity of other thermoplastic (TPE) gels on the market. It is this important mechanical property that allows ALPS® Gel to guarantee prosthetic leg wearers the comfort, durability, control and safety they need to grant them the mobility and freedom of movement.





Three types of ALPS® Gels to serve the mobility needs of prosthetic leg wearers

ALPS® makes three types of gels to meet the needs of every individual prosthetic leg user whose requirements vary based on their clinical condition and lifestyle : EasyGel, GripGel and HD Gel. The full range of ALPS® Gels means that each patient will be able to find his or her own, unique, perfect comfort.



EASY GEL

EASYGEL was the first kind of gel developed by ALPS®. It is characterized by its soft, powdery texture. It is rich in antioxidants that are an effective scavenger of free radicals and hydroxyl groups. Best for use on amputees with adherent scar tissue, skin irritations, sensitive skin and diabetics.



HIGH DENSITY GEL Silicone equivalent

Dense, firm texture. Relatively firm nature of the HD Gel combines comfort with control and stability. Best for use on highly active patients who are transitioning from a silicone liner to a gel liner.



GRIP GEL

Smooth, tacky texture. Tackiness helps in reducing bunching in the popliteal area. Best for use on amputees with healthy skin tissue.

KNITTING TECHNOLOGY



The choice of fabric used for producing prosthetic sleeves and liners is fundamental for guaranteeing maximum comfort and safety.

This is why ALPS® began manufacturing its own fabrics years ago: to be sure to offer a product that best meets the functional needs of prosthetic wearers. The fabric needs to do more than just protect the materials used in making the liners and extend their durability; it must also be able to generate a greater, lesser or differentiated level of tension depending on the needs of the individual user. ALPS® manufactures and uses four types of fabric: beige, brown, black and knitted.

These four types of fabric are not differentiated merely by color and manufacturing process, they also each have distinctive characteristics and functions in order to provide each prosthetic leg wearer with the specific benefits he or she needs based on individual lifestyles and clinical conditions.



BEIGE FABRIC

Beige fabric stretches both vertically and horizontally

The fabric's stretch allows the liner to adapt to the shape of the residual limb as it moves to guarantee maximum comfort.



BROWN FABRIC

Brown fabric has reduced vertical elasticity

Vertical stretch is reduced by 80% compared to the beige fabric, allowing a greater level of control and stability of the prosthesis. Ideal for active patients.



BLACK FABRIC

Black fabric with greatly reduced vertical stretch

Vertical stretch is 90% lower than the beige fabric, allowing a greater level of control and stability of the prosthesis. Ideal for active patients.



KNITTED FABRIC

ALPS® years of experience in manufacturing fabrics has played a fundamental role in the development of our latest innovation: products created using ALPS® knitted fabric.

Our latest fabric manufacturing process has allowed us to:

- Create products totally devoid of any stitching
- Maintain control of the tension in each section of the liner to maximize and reduce the effects of pistonning
- Integrate a matrix in the distal construction of our locking liners
- Integrate a distal matrix to limit elongation / U matrix or Regular Matrix

SILICONE TECHNOLOGY

ALPS® has recently introduced an innovative and skin friendly silicone prosthetic liner for lower limb amputation.

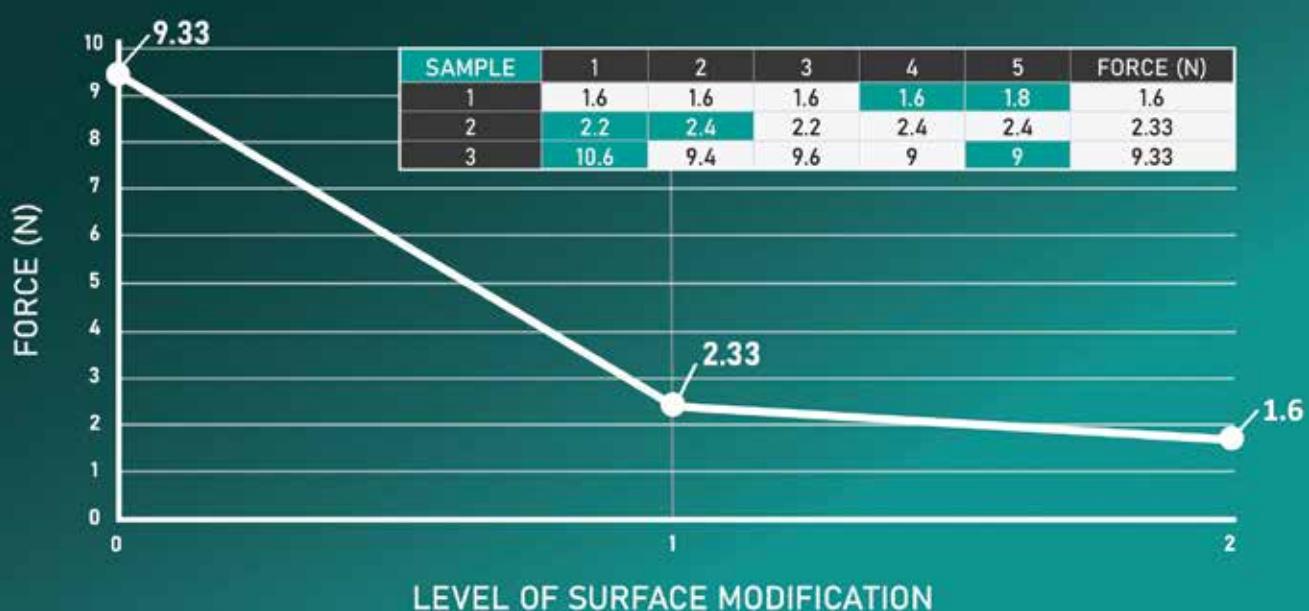
This liner provides a solution to some of the clinical problems and disadvantages of silicone in skin-contact applications due to the inherently high coefficient of static friction typical of silicone polymers.

ALPS® expertise in processing silicone allowed our engineers to come up with a new manufacturing method which improved the friction characteristics of the silicone prosthetic liner.

The surface of the prosthetic liner has been modified, to create micro craters that reduce the static friction without any additives, resulting in a completely skin friendly silicone.

Silicone with the modified surface layer shows a reduction of 80% of the coefficient of static friction, as shown in the graph below.

FRiction Testing





ALPS® Silicone Pro liner is manufactured using pure silicone. This makes our Silicone Pro suitable for a wide range of amputees, including elderly and vascular patients with a lower limb amputation.

The Silicone Pro stands alongside our liner manufactured in EasyGel, Grip Gel and the newest High Density Gel (Silicone Equivalent).

ALPS® silicone is lightweight, hypoallergenic, cool and additive-free and creates only one-fifth the friction of normal silicone. The technology used to create this particular silicone is of fundamental importance, allowing ALPS® to design and produce silicone liners for prosthetic legs which can guarantee:

- Freedom of movement
- Maximum gentleness on the skin
- Cooling effect
- Ease of cleaning



NRG™ TECHNOLOGY

Inspired by Nature. Empowered by Technology.

NRG™ - Natural Reactive Gait - is a patented innovative dynamic response foot technology designed to replicate the natural movement of the calf and shin muscles.



**ONE FOOT,
MULTIPLE POSSIBILITIES,
INFINITE EMOTIONS**



KEY FEATURES



Unique multilayer construction



Exclusive and patented reverse shank design



Advanced flexible ergonomic design

KEY BENEFITS

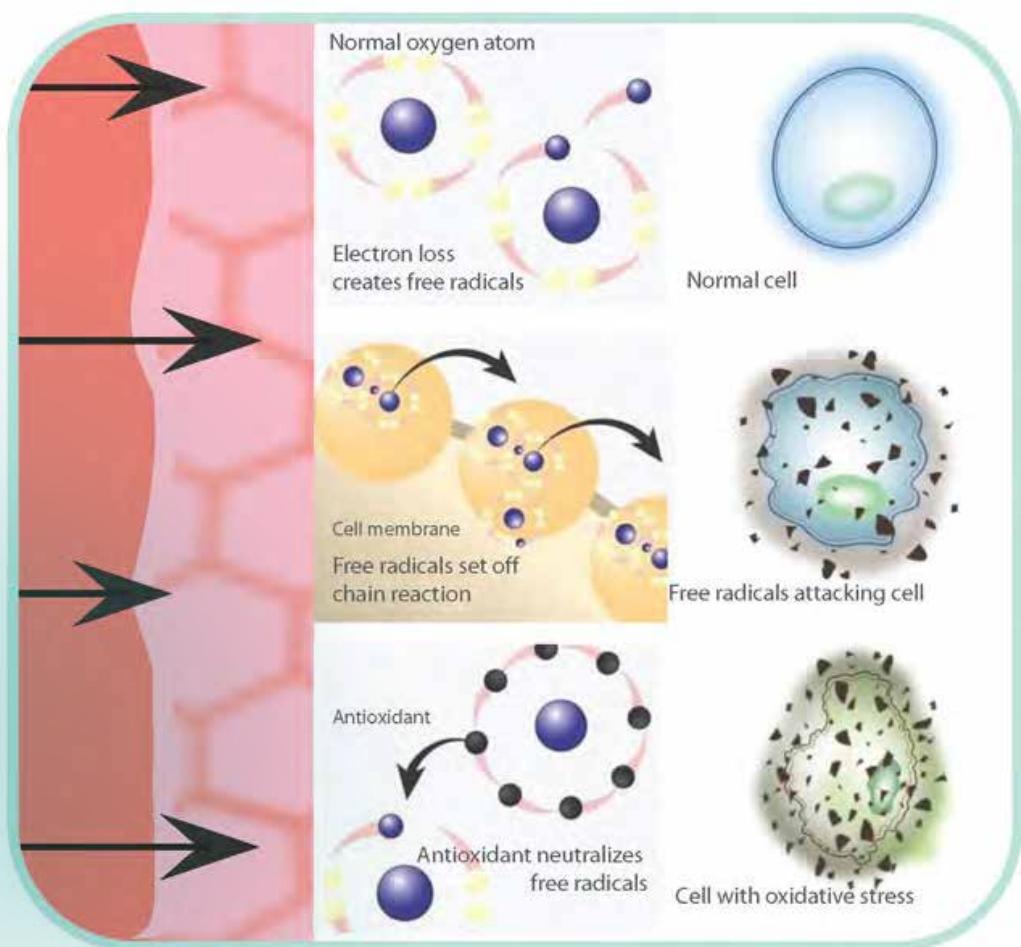
- Physiological and energy efficient gait
- Smooth rollover during the whole gait cycle
- High dynamic response to support an active lifestyle
- Possibility to do a wide range of activities with just one single foot
- Ground compliance and stability on all terrains
- Reduction of secondary issues thanks to a more balanced posture and symmetrical gait
- Low maintenance
- Lightweight



HOW ANTIOXIDANT WORK

ALPS® EasyLiner® contains an antioxidant that is an effective scavenger of free radicals and hydroxyl groups.

Beneficial effects to the skin of patients have been reported. These stories have been provided here as anecdotal evidence of the benefits that some patients have reported.



DIABETIC AMPUTEE

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

This patient is a severe diabetic, insulin dependent with compromised vascularization. A local hospital called Jim McElhiney, CPO in Nashville (USA), to evaluate this patient.

The first two pictures have been taken prior to the fitting by Jim McElhiney. 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 STUDY 2

PATIENT WITH DERMATITIS

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

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®.

A DIFFICULT RESIDUAL LIMB

Case history provided by: Palgi Orthopaedic, Israel.



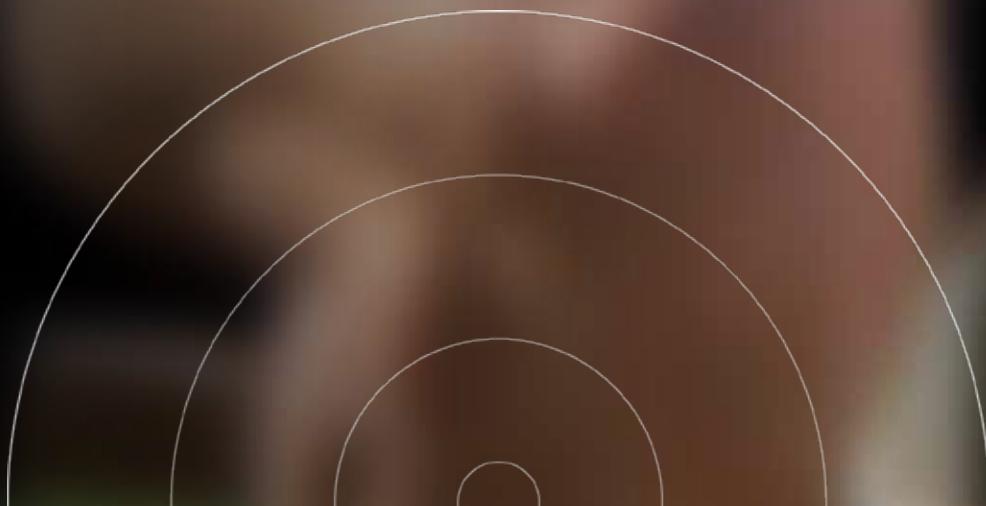
Before, when wearing
a silicone liner.



After, when fitted with
ALPS® EasyLiner® during 4 weeks.

PROSTHETIC LINERS

A prosthetic liner serves to cover and protect the residual limb like a second skin and plays a key role in the suspension system of the prosthesis, increasing comfort and minimizing the risk of skin irritations. ALPS® complete range of prosthetic liners is designed to focus on the needs of the individual to offer all users the best possible solution based on their specific needs.





EasyLiner®

Patent No. 6,454,812* | 7,709,570 | 7,709,570

ALPS® EasyLiner® contains a prolonged-released antioxidant, an effective scavenger of free radicals and hydroxyl groups, with beneficial effects on the skin.

It provides the softness, strength, and cushioning from its use of ALPS® EasyGel, relieving the residual limb from the stress created by vertical and shear forces. It delicately conforms to the shape of the residual limb without restricting blood flow. It can be easily donned even by geriatric patients and users with reduced manual dexterity.



Material	Fabric	Activity level	Thickness
EasyGel	Beige Fabric	K1 ✓ K2 ✓ K3 ✓ K4 ✓	3 mm 6 mm 3/6 mm

Key Benefits



Indicated for delicate skin and diabetic patients thanks to the antioxidants contained in the gel



Protects the residual limb thanks to the high capacity of the EasyGel to absorb vertical and shear forces



Further relieves the skin from stress generated by shear forces thanks to its low coefficient of static friction



Delicately conforms to the shape of the residual limb and does not restrict blood flow



Easy to don also for patients with reduced manual dexterity

EasyLiner® ELDT/ELFR. Sizing chart.

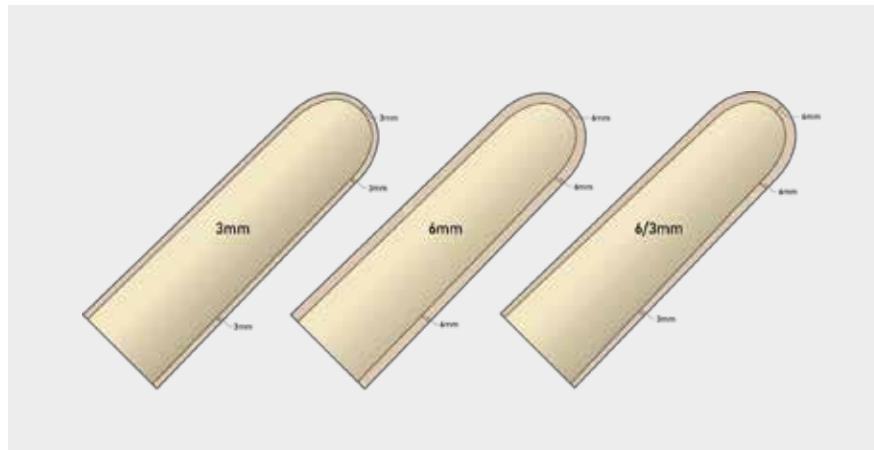
Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm, 6mm, 6/3mm or 9mm	Cushion 3mm, 6mm, 6/3mm or 9mm
10-15 cm	N.A.	ELFR10-(3 or 6)
16-19 cm	ELDT16-(3, 6, or 6/3)	ELFR16-(3, 6, or 6/3)
20-23 cm	ELDT20-(3, 6, or 6/3)	ELFR20-(3, 6, or 6/3)
24-25 cm	ELDT24-(3, 6, 6/3, or 9)	ELFR24-(3, 6, 6/3, or 9)
26-27 cm	ELDT26-(3, 6, or 6/3)	ELRF26-(3, 6, or 6/3)
28-31 cm	ELDT28-(3, 6, 6/3, or 9)	ELRF28-(3, 6, 6/3, or 9)
32-37 cm	ELDT32-(3, 6, or 6/3)	ELFR32-(3, 6, or 6/3)
38-43 cm	ELDT38-(3, 6, or 6/3)	ELFR38-(3, 6, or 6/3)
44-53 cm	ELDT44-(3, 6, or 6/3)	ELFR44-(3, 6, or 6/3)

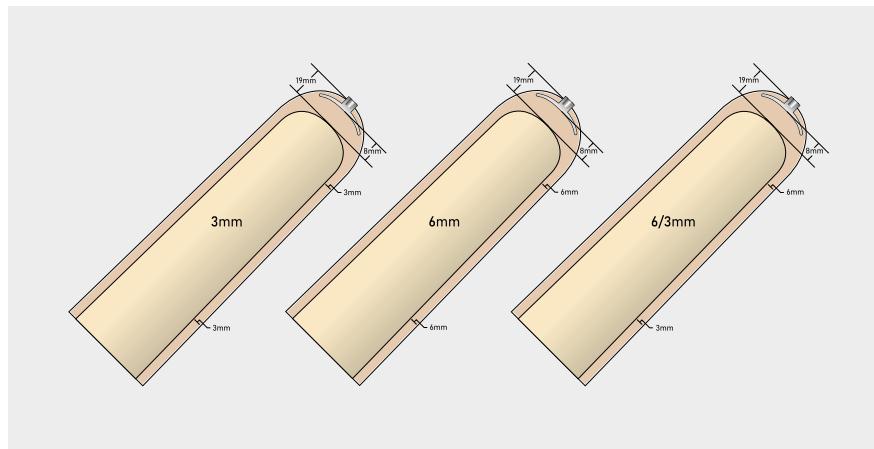
Cross section



ELFR
Cushion



ELDT
Locking
REINFORCED MATRIX



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



ALPS® SOUTH | www.easyliner.eu

Silicone PRO Liner

Patent No. 5,507,834* | 6,454,812*

The Silicone PRO liner is manufactured with medical grade hypoallergenic silicone. The surface of the silicone features a low coefficient of static friction (1/5 of regular silicone). Without any additives, it is a hypoallergenic liner, very delicate on the skin. The liner is extremely lightweight and promotes the skin's natural thermoregulation.

The locking version features an innovative U matrix to limit vertical stretch while not constraining the residual limb.



Material	Fabric	Activity level	Thickness
Silicone	Seamless Knitted Fabric	✓ ✓ ✓	3 mm

Key Benefits



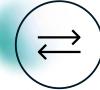
Does not constrict the residual limb and minimizes the pistoning effect thanks to the innovative U matrix (locking version)



Great freedom of movement thanks to the 3 mm posterior thickness



Indicated for delicate skin since it is made of medical grade hypoallergenic silicone



Minimizes friction to the residual limb due to its low coefficient of friction



Helps the thermoregulation of the residual limb



Easy to clean

Silicone PRO Liner LSC/LSL. Sizing chart.

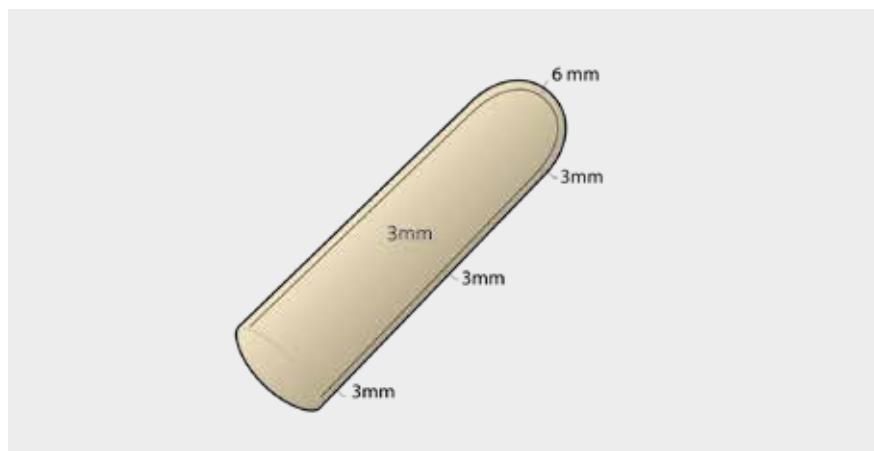
Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3.0 mm uniform	Cushion 3.0 mm uniform
20-22 cm	LSL3.0-20	LSC3.0-20
22-24 cm	LSL3.0-22	LSC3.0-22
24-26 cm	LSL3.0-24	LSC3.0-24
26-28 cm	LSL3.0-26	LSC3.0-26
28-30 cm	LSL3.0-28	LSC3.0-28
30-32 cm	LSL3.0-30	LSC3.0-30
32-35 cm	LSL3.0-32	LSC3.0-32
35-38 cm	LSL3.0-35	LSC3.0-35
38-41 cm	LSL3.0-38	LSC3.0-38
41-44 cm	LSL3.0-41	LSC3.0-41
44-47 cm	LSL3.0-44	LSC3.0-44

Cross section



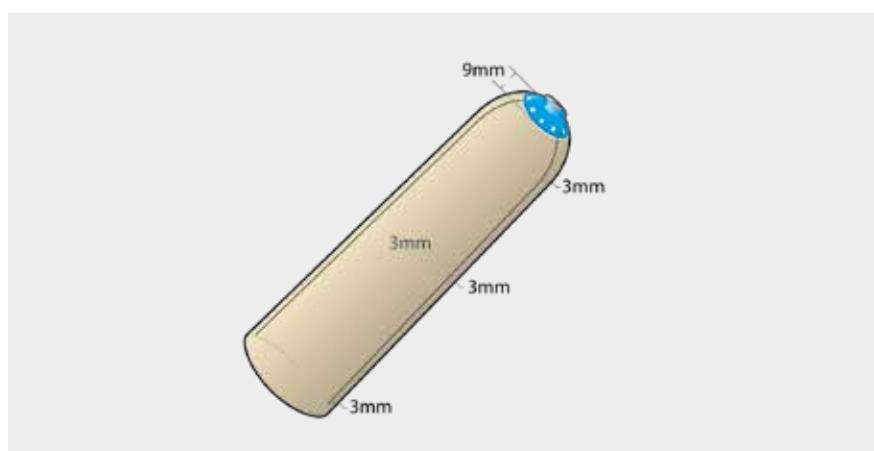
LSC
Cushion



LSL
Locking

**U-SHAPED
REINFORCEMENT**

Wider distal ends that
are proportionate to
the size of the liner



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



ALPS® SOUTH | www.easyliner.eu

Superior Performance Liner

Patent No. 6,454,812*

ALPS® Superior Performance prosthetic liner combines a limited vertical stretch fabric with our Grip Gel.

Grip Gel, with its softness, strength, and cushioning provides the greatest possible protection to the residual limb. The fabric, with its limited vertical elongation, improves control and stability of the prosthetic leg by reducing pistonning. The result is a comfortable liner, indicated for patients with low and medium activity levels.



Material	Fabric	Activity level	Thickness
GripGel	Black Fabric	K1 ✓ K2 ✓ K3 ✓ K4	3 mm 6 mm

Key Benefits



Protects the residual limb thanks to the high capacity of the Grip Gel to absorb vertical and shear forces



Improves control of the prosthetic leg thanks to the limited vertical stretch of the fabric



Reduces pistonning thanks to the fabric's limited vertical stretch and the distal matrix (locking version)



Safe suspension of the prosthetic leg thanks to the high level of adhesion of the Grip Gel

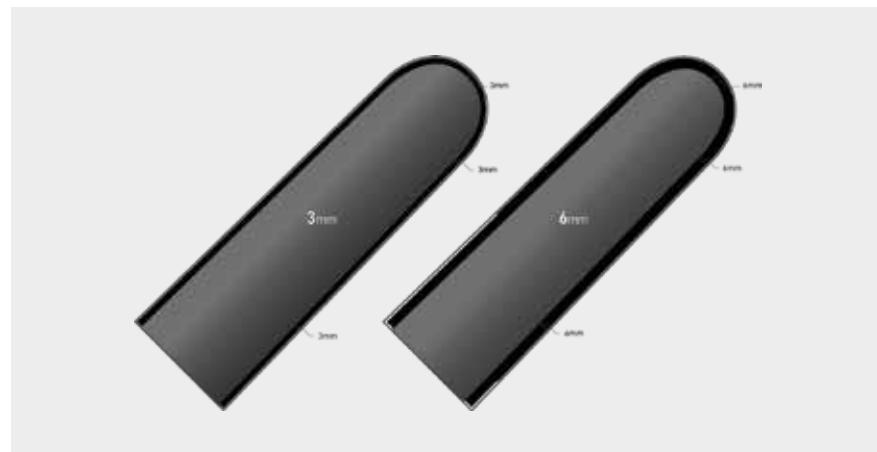
Superior Performance Liner SPDT/SPFR. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm or 6mm uniform	Cushion 3mm or 6mm uniform
16-19 cm	SPDT16-(3 or 6)	SPFR16-(3 or 6)
20-23 cm	SPDT20-(3 or 6)	SPFR20-(3 or 6)
24-25 cm	SPDT24-(3 or 6)	SPFR24-(3 or 6)
26-27 cm	SPDT26-(3 or 6)	SPFR26-(3 or 6)
28-31 cm	SPDT28-(3 or 6)	SPFR28-(3 or 6)
32-37 cm	SPDT32-(3 or 6)	SPFR32-(3 or 6)
38-43 cm	SPDT38-(3 or 6)	SPFR38-(3 or 6)
44-53 cm	SPDT44-(3 or 6)	SPFR44-(3 or 6)

Cross section

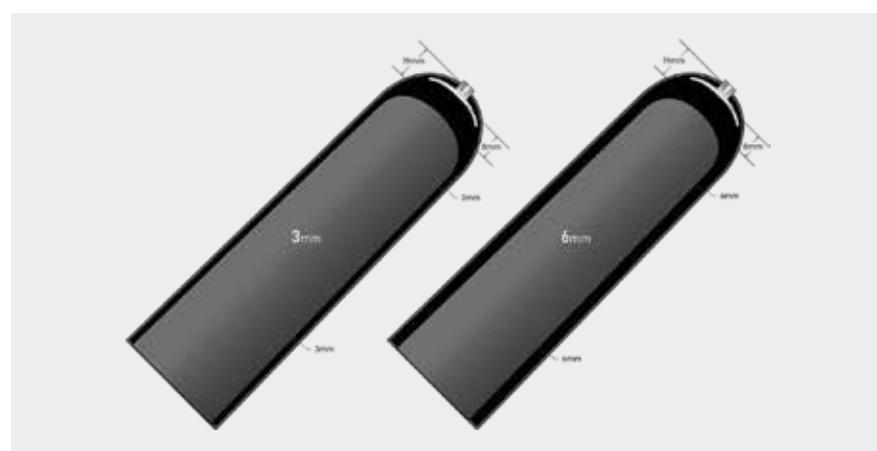
 **SPFR**
Cushion



 **SPDT**
Locking

REINFORCED MATRIX

Wider distal ends that are proportionate to the size of the liner



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



Superior Performance HD Liner

Patent No. 6,454,812*

ALPS® Superior Performance prosthetic liner, in its HD Gel version, provides the patient with comfort and control.

The HD Gel provides relief from vertical and shear forces; at the same time, it makes the liner more compact. The fabric, with its limited vertical elongation, further limits the vertical pistoning.



Material	Fabric	Activity level	Thickness
High Density Gel	Black Fabric	K1 K2 ✓ K3 ✓ K4 ✓	3 mm 6 mm

Key Benefits



Reduces pistoning thanks to the fabric's limited vertical stretch and the distal matrix (locking version)



Minimizes the movement of soft tissue and provides a high level of control of the prosthetic leg by combining the properties of the High Density Gel with those of the limited vertical stretch fabric



Protects the residual limb thanks to the high capacity of the HD Gel to absorb vertical and shear forces

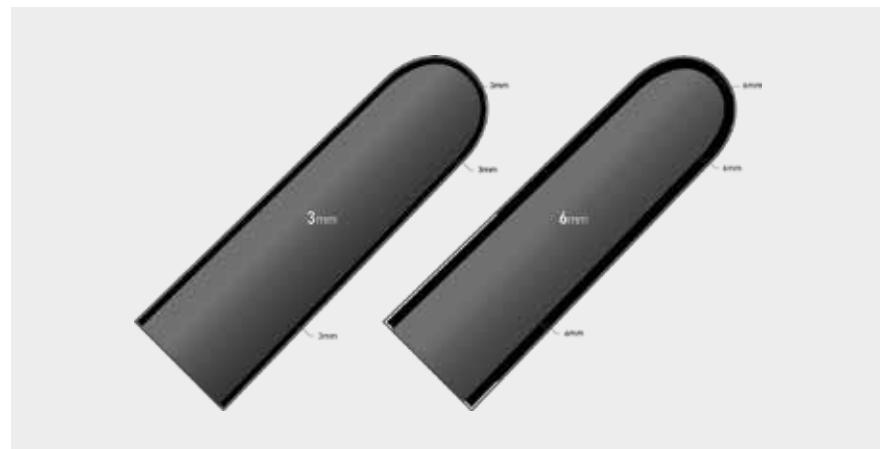
Superior Performance Liner SPDTHD/SPFRHD. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

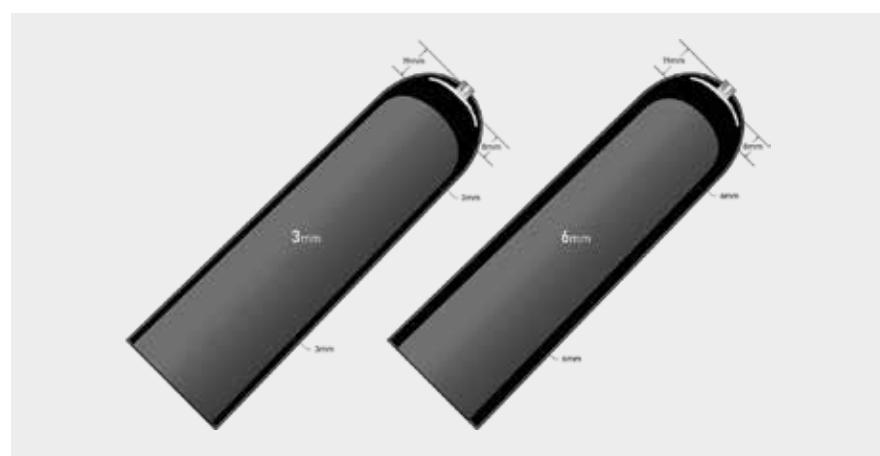
Measured size (cm)	Locking 3mm or 6mm uniform	Cushion 3mm or 6mm uniform
16-19 cm	SPDTHD16-(3 or 6)	SPFRHD16-(3 or 6)
20-23 cm	SPDTHD20-(3 or 6)	SPFRHD20-(3 or 6)
24-25 cm	SPDTHD24-(3 or 6)	SPFRHD24-(3 or 6)
26-27 cm	SPDTHD26-(3 or 6)	SPFRHD26-(3 or 6)
28-31 cm	SPDTHD28-(3 or 6)	SPFRHD28-(3 or 6)
32-37 cm	SPDTHD32-(3 or 6)	SPFRHD32-(3 or 6)
38-43 cm	SPDTHD38-(3 or 6)	SPFRHD38-(3 or 6)
44-53 cm	SPDTHD44-(3 or 6)	SPFRHD44-(3 or 6)

Cross section

 SPFRHD
Cushion



 SPDTHD
Locking
REINFORCED MATRIX
Wider distal ends that
are proportionate to
the size of the liner



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



General Purpose Liner

Patent No. 6,454,812*

The General Purpose liner contains the softness, strength, and cushioning of our Grip Gel, relieving the residual limb from the stress generated by vertical and shear forces. The superior elongation of this prosthetic liner means that blood flow is not restricted and it allows the liner to delicately conform to the shape of the residual limb. It is easily donned even by geriatric patients or those with reduced manual dexterity.



Material	Fabric	Activity level	Thickness
GripGel	Beige Fabric	K1 ✓ K2 ✓ K3 K4	3 mm 6 mm

Key Benefits



Delicately conforms to the shape of the residual limb and does not restrict blood flow



Easy to don also for patients with reduced manual dexterity



Protects the residual limb thanks to the high capacity of the Grip Gel to absorb vertical and shear forces



Safe suspension of the prosthesis due to the superior adhesive properties of the Grip Gel

General Purpose Liner GPDT/GPFR. Sizing chart.

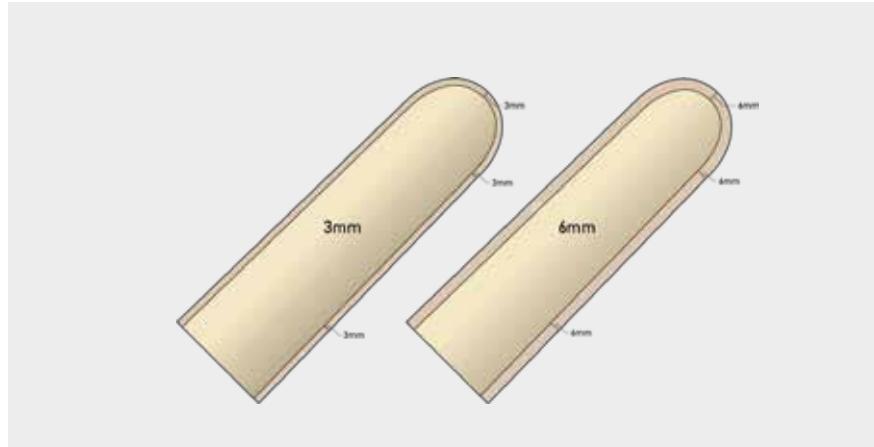
Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm or 6mm uniform	Cushion 3mm or 6mm uniform
16-19 cm	GPDT16-(3 or 6)	GPFR16-(3 or 6)
20-23 cm	GPDT20-(3 or 6)	GPFR20-(3 or 6)
24-25 cm	GPDT24-(3 or 6)	GPFR24-(3 or 6)
26-27 cm	GPDT26-(3 or 6)	GPFR26-(3 or 6)
28-31 cm	GPDT28-(3 or 6)	GPFR28-(3 or 6)
32-37 cm	GPDT32-(3 or 6)	GPFR32-(3 or 6)
38-43 cm	GPDT38-(3 or 6)	GPFR38-(3 or 6)
44-53 cm	GPDT44-(3 or 6)	GPFR44-(3 or 6)

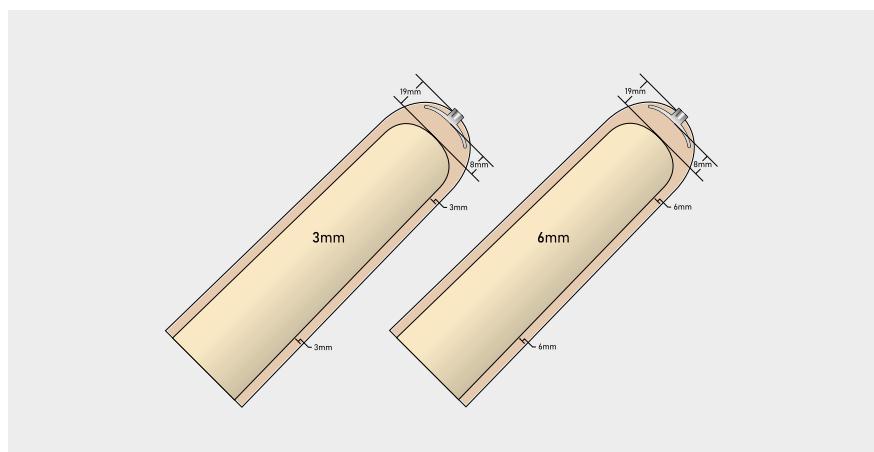
Cross section



GPFR
Cushion



GPDT
Locking
REINFORCED MATRIX



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ALPS® SOUTH | www.easyliner.eu

Eco™ Liner

Patent No. 6,454,812* | 7,709,570 | 10,966,845 | 7,709,570

ALPS® Eco™ Liner features an innovative knitted fabric with areas of varying elasticity to improve the control of the prosthetic leg. The HD Gel helps keep the residual limb more compact and provides enhanced stability to the prosthetic leg, at the same time ensuring a high level of protection from vertical and shear forces. The locking version features an innovative U matrix to limit the vertical stretch without constraining the residual limb.



Material	Fabric	Activity level	Thickness
High Density Gel	Seamless Knitted Fabric	K1 K2 ✓ K3 ✓ K4 ✓	3 mm 6 mm

Key Benefits



Protects the residual limb thanks to the high capacity of the HD Gel to absorb vertical and shear forces



Ensures maximum control of the prosthetic leg and minimizes soft tissue movement thanks to the High Density Gel



Improved comfort due to the effect of the innovative seamless knitted fabric providing areas of varying levels of elasticity



Does not constrict the residual limb and minimizes the piston effect thanks to the innovative U matrix (locking version)

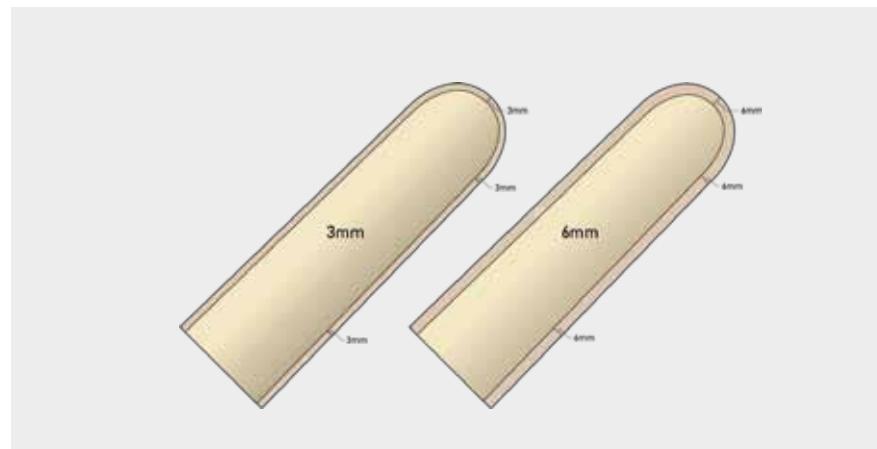
Eco™ Liner ECDTHD/ECFRHD. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm or 6mm uniform	Cushion 3mm or 6mm uniform
20-23 cm	ECDTHD20-(3 or 6)	ECFRHD20-(3 or 6)
24-25 cm	ECDTHD24-(3 or 6)	ECFRHD24-(3 or 6)
26-27 cm	ECDTHD26-(3 or 6)	ECFRHD26-(3 or 6)
28-31 cm	ECDTHD28-(3 or 6)	ECFRHD28-(3 or 6)
32-37 cm	ECDTHD32-(3 or 6)	ECFRHD32-(3 or 6)
38-43 cm	ECDTHD38-(3 or 6)	ECFRHD38-(3 or 6)
44-53 cm	ECDTHD44-(3 or 6)	ECFRHD44-(3 or 6)

Cross section

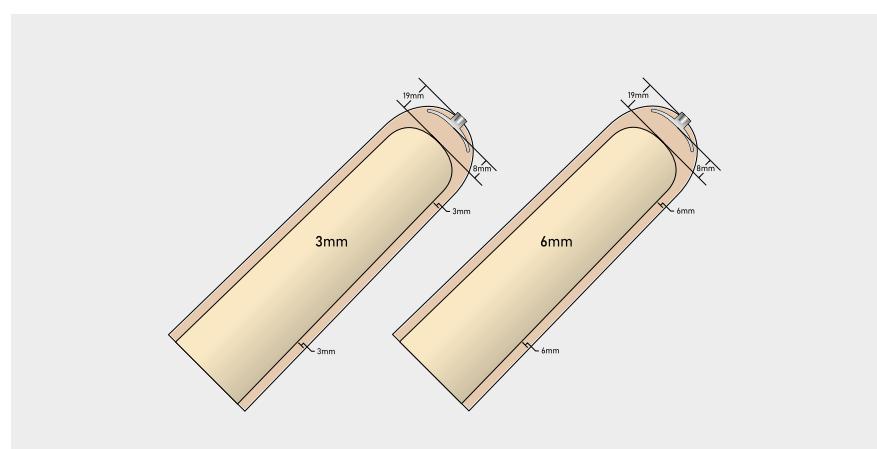
 **ECFRHD**
Cushion



 **ECDTHD**
Locking

**U-SHAPED
REINFORCEMENT**

Wider distal ends that
are proportionate to
the size of the liner



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ALPS® SOUTH | www.easyliner.eu

Smart Seal™ Liner

Patent No. 6,454,812* | 8,852,291 | 9,216,099 | 11,179,252 | 8,852,291
9,216,099 | 11,179,252

ALPS® Smart Seal liner features integrated, silicone coated sealing bands that create a safe interface. The bands stretch against the socket wall, preventing the liner from slipping. The inner HD Gel layer, thanks to its low modulus of elasticity, easily conforms to the residual limb without restricting the blood flow. It is available in two configurations with different sealing band heights.



Material	Fabric	Activity level	Thickness
High Density Gel	Seamless Knitted Fabric	K1 ✓ K2 ✓ K3 ✓ K4 ✓	3 mm 6 mm

Key Benefits



Ensures a high level of control of the prosthetic leg and minimizes soft tissue movement thanks to the High Density Gel



Non-constrictive hypobaric suspension thanks to its integrated, silicone coated sealing bands



Indicated both for transtibial and transfemoral users since the sealing bands are available in two different configurations



Maximum stability of the liner within the socket due to the High Density Gel and the use of a limited vertical stretch fabric in the distal area

Smart Seal™ Liner SAFR/SADT/SBFR. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	SAFR - Cushion 3mm or 6mm uniform
26-27 cm	SAFR26-(3 or 6)
28-31 cm	SAFR28-(3 or 6)
32-34 cm	SAFR32-(3 or 6)
35-37 cm	SAFR35-(3 or 6)
38-43 cm	SAFR38-(3 or 6)

Measured size (cm)	SBFR - Cushion 3mm or 6mm uniform
20-23 cm	SBFR20-(3 or 6)
24-25 cm	SBFR24-(3 or 6)
26-27 cm	SBFR26-(3 or 6)
28-31 cm	SBFR28-(3 or 6)

Measured size (cm)	SADT - Locking 3mm or 6mm uniform
20-23 cm	SADT20-(3 or 6)
24-25 cm	SADT24-(3 or 6)
26-27 cm	SADT26-(3 or 6)
28-31 cm	SADT28-(3 or 6)
32-37 cm	SADT32-(3 or 6)
38-43 cm	SADT38-(3 or 6)

SAFR

Rings begin 12.5 cm from the center of the distal end.

SBFR

Rings begin 7.5 cm from the center of the distal end.

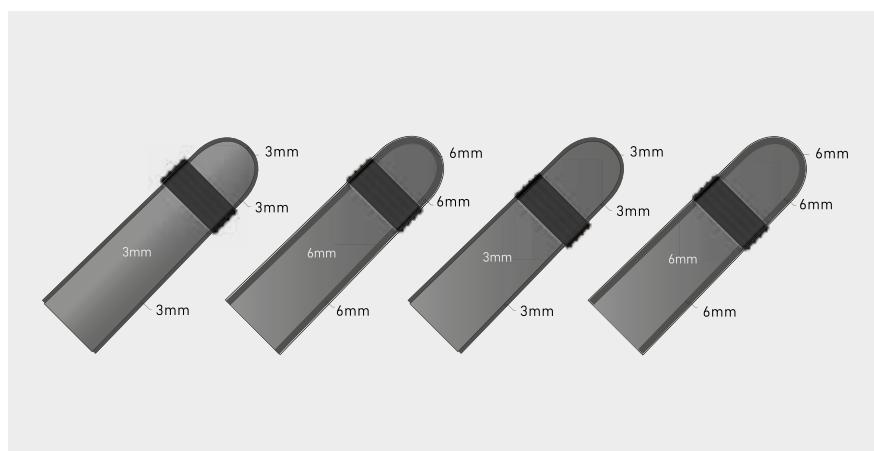
SADT

Sizes 20-28: rings begin 7.5 cm from the center of the distal end.

Sizes 32-38: rings begin 12.7 cm from the center of the distal end.

Cross section

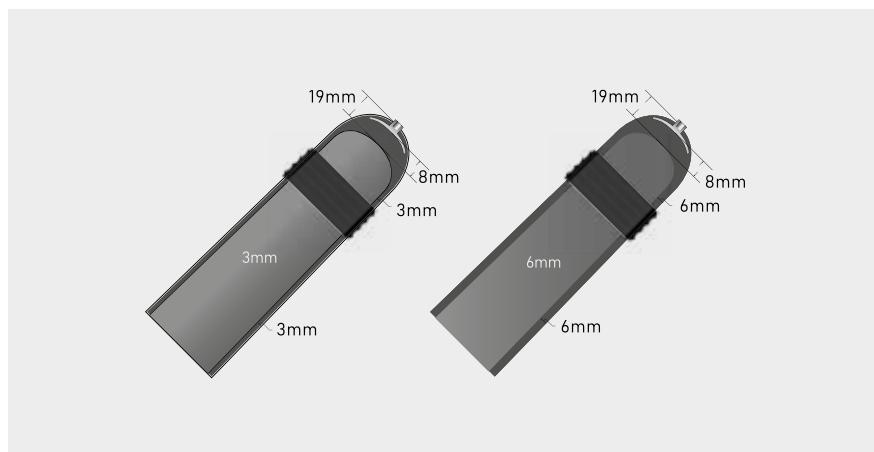
SAFR/SBFR
Hypobaric



SADT
Locking

**U-SHAPED
REINFORCEMENT**

Wider distal ends that are proportionate to the size of the liner



Choose Your Liner™

Find your ideal prosthetic liner in 5 simple steps



Extreme™ Liner

Patent No. 6,454,812*

The ALPS® Extreme prosthetic liner combines softness, strength, and cushioning from our Grip Gel with a fabric with limited vertical stretch. It improves the control of the prosthetic leg and reduces pistoning, while still providing superior protection of the residual limb. The superior adhesion of the Grip Gel allows the safe suspension of the prosthetic leg. The result is a comfortable and versatile liner, indicated for patients with low and medium activity levels.



Material	Fabric	Activity level	Thickness
GripGel	Brown Fabric	K1 ✓ K2 ✓ K3 ✓ K4	3 mm 6 mm

Key Benefits



Protects the residual limb thanks to the high capacity of the Grip Gel to absorb vertical and shear forces



Improves control of the prosthetic leg thanks to the limited vertical stretch of the fabric



Reduces pistoning thanks to the fabric's limited vertical stretch and the distal matrix (locking version)



Safe suspension of the prosthesis due to the superior adhesive properties of the Grip Gel

Extreme™ Liner AKDT/AKFR. Sizing chart.

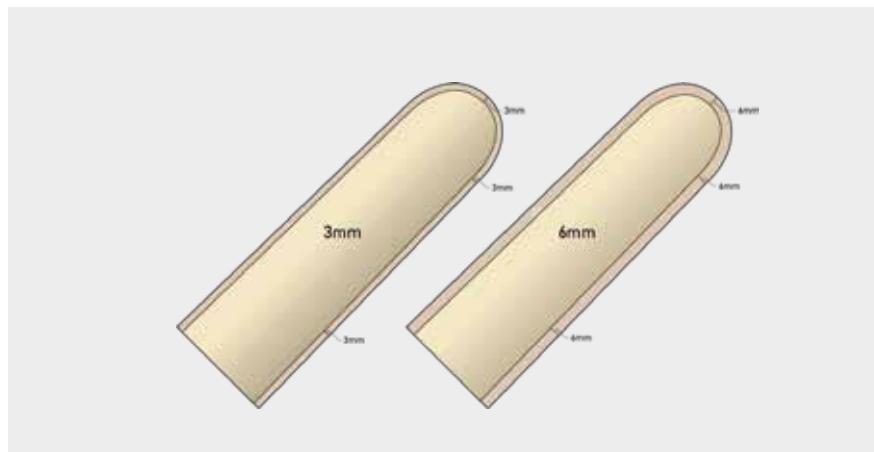
Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm or 6mm uniform	Cushion 3mm or 6mm uniform
16-19 cm	AKDT16-(3 or 6)	AKFR16-(3 or 6)
20-23 cm	AKDT20-(3 or 6)	AKFR20-(3 or 6)
24-25 cm	AKDT24-(3 or 6)	AKFR24-(3 or 6)
26-27 cm	AKDT26-(3 or 6)	AKFR26-(3 or 6)
28-31 cm	AKDT28-(3 or 6)	AKFR28-(3 or 6)
32-37 cm	AKDT32-(3 or 6)	AKFR32-(3 or 6)
38-43 cm	AKDT38-(3 or 6)	AKFR38-(3 or 6)
44-53 cm	AKDT44-(3 or 6)	AKFR44-(3 or 6)

Cross section



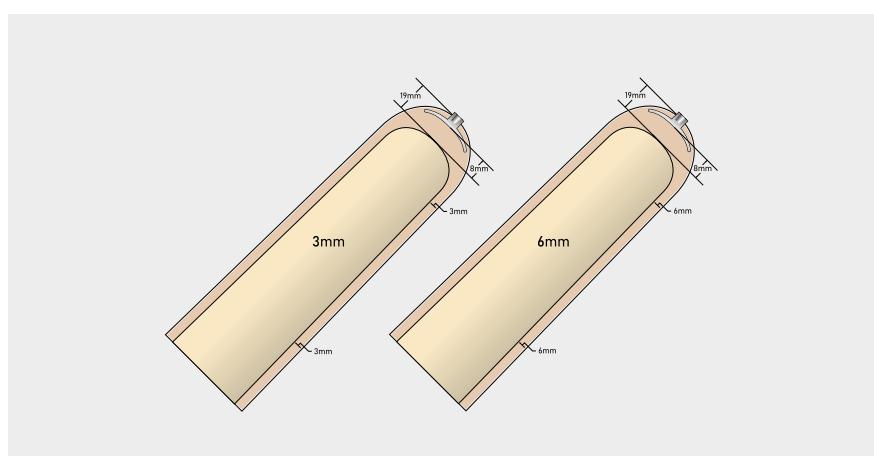
**AKFR
Cushion**



**AKDT
Locking**

REINFORCED MATRIX

Wider distal ends that are proportionate to the size of the liner



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Extreme™ HD Liner

Patent No. 6,454,812*

ALPS® Extreme™ prosthetic liner, in its HD Gel version, provides the patient with comfort and control. The HD Gel relieves the residual limb from vertical and shear forces; at the same time, it makes the liner more compact. The fabric, with its limited vertical elongation, further limits vertical pistoning. This makes it an ideal liner for the most active users who are looking to maintain maximum control of the prosthetic leg without compromising comfort.



Material	Fabric	Activity level	Thickness
		✓ ✓ ✓	
High Density Gel	Beige Fabric	K1 K2 ✓ K3 ✓ K4 ✓	3 mm 6 mm

Key Benefits



Reduces pistoning thanks to the fabric's limited vertical stretch and the distal matrix (locking version)



Minimizes the movement of soft tissue and provides a high level of control of the prosthetic leg by combining the properties of the High Density Gel with those of the limited vertical stretch fabric



Protects the residual limb thanks to the high capacity of the HD Gel to absorb vertical and shear forces

Extreme™ Liner AKDTHD/AKFRHD. Sizing chart.

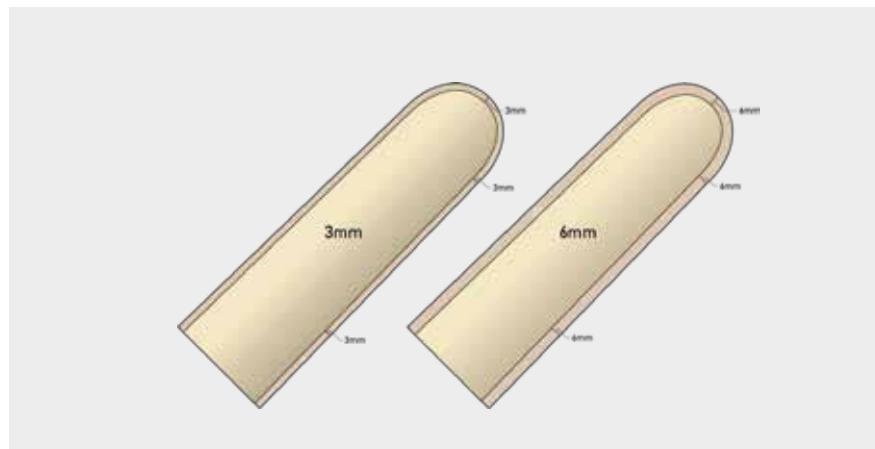
Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm or 6mm uniform	Cushion 3mm or 6mm uniform
16-19 cm	AKDTHD16-(3 or 6)	AKFRHD16-(3 or 6)
20-23 cm	AKDTHD20-(3 or 6)	AKFRHD20-(3 or 6)
24-25 cm	AKDTHD24-(3 or 6)	AKFRHD24-(3 or 6)
26-27 cm	AKDTHD26-(3 or 6)	AKFRHD26-(3 or 6)
28-31 cm	AKDTHD28-(3 or 6)	AKFRHD28-(3 or 6)
32-37 cm	AKDTHD32-(3 or 6)	AKFRHD32-(3 or 6)
38-43 cm	AKDTHD38-(3 or 6)	AKFRHD38-(3 or 6)
44-53 cm	AKDTHD44-(3 or 6)	AKFRHD44-(3 or 6)

Cross section

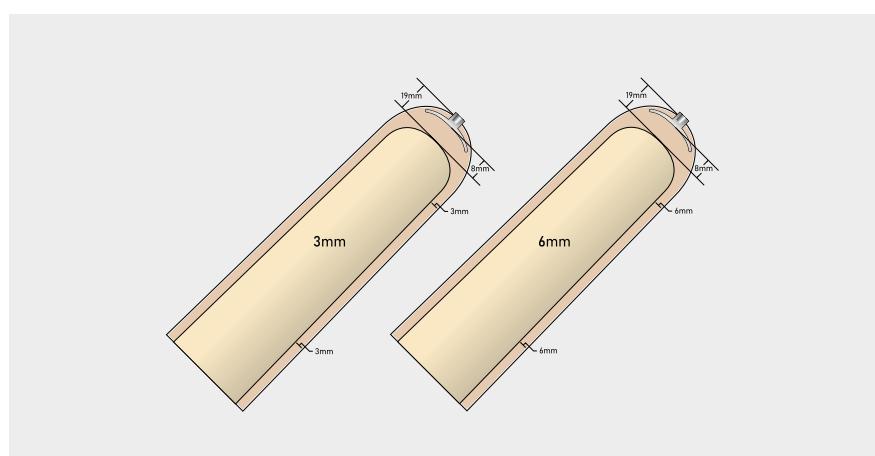


**AKFRHD
Cushion**



**AKDTHD
Locking**
REINFORCED MATRIX

Wider distal ends that are proportionate to the size of the liner



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



EasyFlex™ Liner

Patent No. 6,454,812* | 7,709,570 | 8,226,732 | 8,246,694 | 8,349,021

ALPS® EasyFlex™ prosthetic liner allows users ease of knee flexion thanks to an unlimited restriction of stretch anteriorly. Posteriorly the fabric, with its limited vertical stretch, improves the control of the prosthetic leg. The prolonged-released antioxidant contained in the EasyGel is an effective scavenger of free radicals and hydroxyl groups, providing beneficial effects on the skin. The EasyFlex™ Liner is designed for use with a pin and lock suspension system.



Material	Fabric	Activity level	Thickness
EasyGel	Beige Fabric	K1 ✓	3 mm
	Brown Fabric	K2 ✓	6 mm
		K3	
		K4	

Key Benefits



Indicated for delicate skin and diabetic patients thanks to the antioxidants contained in the gel



Protects the residual limb thanks to the high capacity of the EasyGel to absorb vertical and shear forces



Further relieves the skin from stress generated by shear forces thanks to its low coefficient of static friction



Allows an easy knee flexion and improves the control of the prosthetic leg, since it has been engineered using two types of fabric with different elasticity



Supplied with distal attachment for pin and lock suspension systems

EasyFlex™ Liner EZF. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm or 6mm uniform
16-19 cm	EZF16-(3 or 6)
20-23 cm	EZF20-(3 or 6)
24-25 cm	EZF24-(3 or 6)
26-27 cm	EZF26-(3 or 6)
28-31 cm	EZF28-(3 or 6)
32-37 cm	EZF32-(3 or 6)
38-43 cm	EZF38-(3 or 6)
44-53 cm	EZF44-(3 or 6)

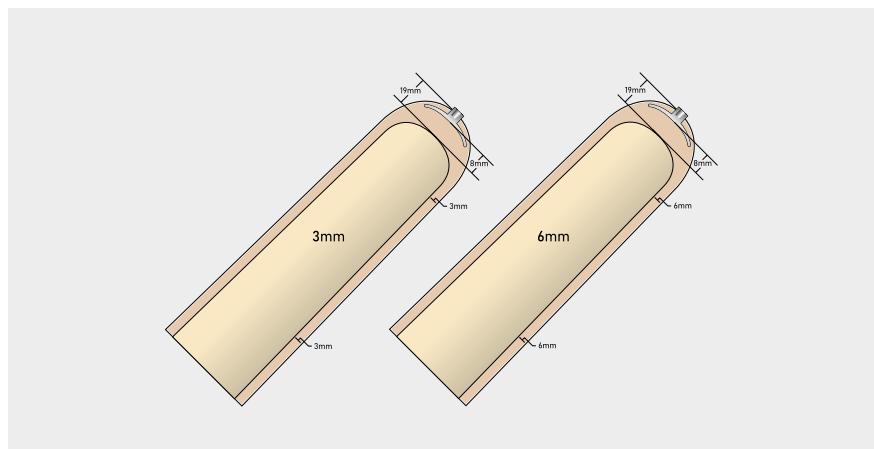
Cross section



EZ
Locking

REINFORCED MATRIX

Wider distal ends that
are proportionate to
the size of the liner



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ALPS® SOUTH | www.easyliner.eu

EasyLiner® SuperStretch

Patent No.7,709,570

ALPS® EasyLiner® SuperStretch is a soft, robust and versatile prosthetic liner made of EasyGel without the restriction of a fabric cover.

It allows complete freedom of movement and conforms to irregularly shaped residual limbs without restricting blood flow. Due to the low coefficient of friction of the EasyGel, it relieves the skin from the stress created by shear forces. The prolonged-released antioxidant has beneficial effects on the skin.



Material	Activity level	Thickness

EasyGel K1 ✓ K2 ✓ K3 K4 6 mm

Key Benefits



Indicated for delicate skin and diabetic patients thanks to the antioxidants contained in the gel



Protects the residual limb thanks to the high capacity of the EasyGel to absorb vertical and shear forces



Further relieves the skin from stress generated by shear forces thanks to its low coefficient of static friction



Made of EasyGel with no fabric cover, it allows a superior fit to irregular shapes without constricting the residual limb

EasyLiner® SuperStretch ELPX. Sizing chart.

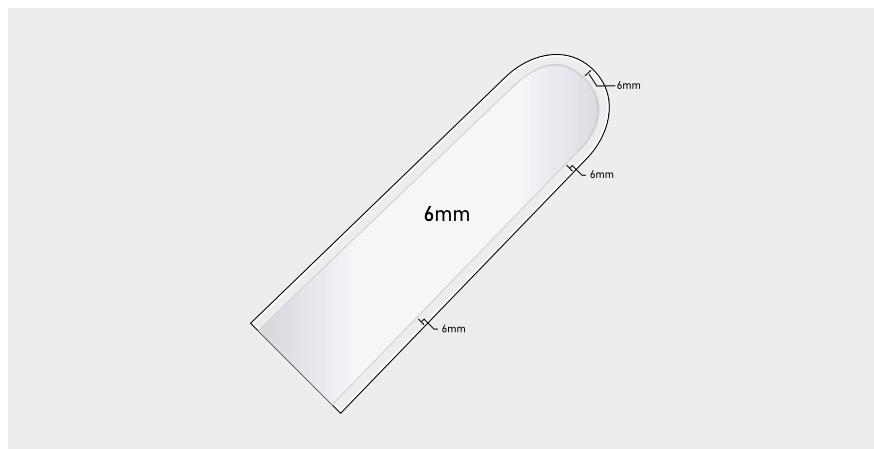
Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Cushion 6mm uniform
10-15 cm	ELPX-10
16-19 cm	ELPX-16
20-23 cm	ELPX-20
24-25 cm	ELPX-24
26-27 cm	ELPX-26
28-31 cm	ELPX-28
32-37 cm	ELPX-32
38-43 cm	ELPX-38

Cross section



ELPX
Cushion



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Anterior Posterior Tapered Liner

Patent No.6,454,812* | 8,226,732 | 8,246,694 | 8,349,021 | 8,226,732

ALPS® AP Tapered Liner is gradually tapered from the thicker anterior to the thinner posterior side to provide freedom of movement to transtibial users.

The 6 mm frontal wall ensures a high level of protection to bony areas. By combining a high density gel with a limited vertical stretch fabric, this liner minimizes soft tissue movement and reduces vertical pistoning, offering a high level of control of the prosthetic leg.



Material	Fabric	Activity level	Thickness

Key Benefits



Reduces pistoning thanks to the fabric's limited vertical stretch and the distal matrix (locking version)



Protects the residual limb thanks to the high capacity of the HD Gel to absorb vertical and shear forces



Protects bony areas with its 6 mm anterior wall thickness



Great freedom of movement thanks to the 3 mm posterior thickness



Minimizes soft tissue movement and provides superior control of the prosthetic leg by combining High Density Gel with a limited vertical stretch fabric

Anterior Posterior Tapered Liner APDT/APFR. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 6/3mm tapered	Cushion 6/3mm tapered
20-23 cm	APDT20-TP	APFR20-TP
24-25 cm	APDT24-TP	APFR24-TP
26-27 cm	APDT26-TP	APFR26-TP
28-31 cm	APDT28-TP	APFR28-TP
32-37 cm	APDT32-TP	APFR32-TP

Cross section



**APFR
Cushion**



**APDT
Locking**

REINFORCED MATRIX

Wider distal ends that are proportionate to the size of the liner



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PSI Liner

Patent No.7,709,570 | 8,357,206 | 8,394,150

The PSI Liner improves suspension by sealing onto the sleeves of a transtibial prosthesis. The EasyGel provides comfort and durability, relieving the skin from the stress created by vertical and shear forces. The antioxidant contained in the gel has beneficial effects on the skin.

The PSI Liner can be used in conjunction with current valve suction or vacuum systems being used on the market today.



Material	Fabric	Activity level	Thickness
EasyGel	Black Fabric	K1 ✓ K2 ✓ K3 K4	6 mm 6/3 mm

Key Benefits



Indicated for delicate skin and diabetic patients thanks to the antioxidants contained in the gel



Protects the residual limb thanks to the high capacity of the EasyGel to absorb vertical and shear forces



Further relieves the skin from stress generated by shear forces thanks to its low coefficient of static friction



The proximal area with no fabric cover seals onto the sleeve to create a secure suspension

Proximal Seal Interface Liner PSI. Sizing chart.

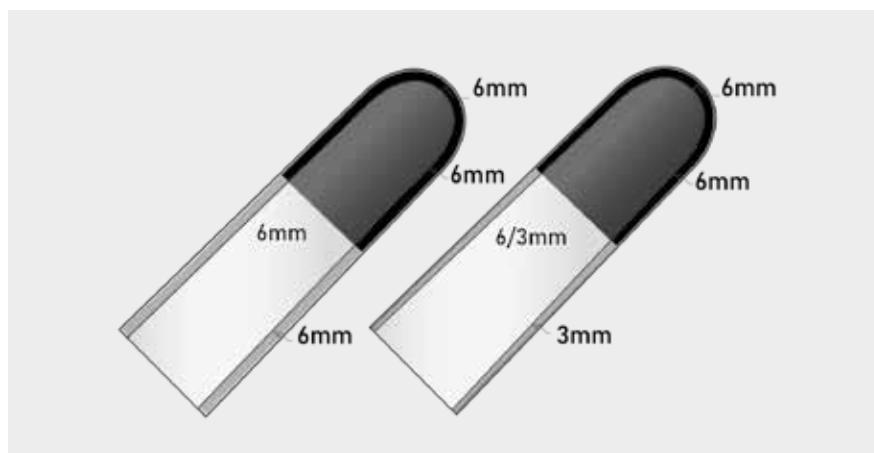
Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Cushion 6mm or 3/6mm tapered
16-19 cm	PSI16-(6 or 6/3)
20-23 cm	PSI20-(6 or 6/3)
24-25 cm	PSI24-(6 or 6/3)
26-27 cm	PSI26-(6 or 6/3)
28-31 cm	PSI28-(6 or 6/3)
32-37 cm	PSI32-(6 or 6/3)
38-43 cm	PSI38-(6 or 6/3)
44-53 cm	PSI44-(6 or 6/3)

Cross section



PSI
Cushion



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Liberty™ Liner

Patent No. 6,544,292* | 6,454,812* | 6,361,568* | 8,382,852 | 8,808,394

The Liberty™ Liner allows the expulsion of air and humidity through a built-in valve integrated either on the pin or the reducer, promoting a healthy environment. Used in conjunction with a nylon sheath, it presents a superior capacity for collecting and expelling humidity. The HD gel improves the stability of the prosthetic leg and provides greater protection against vertical and shear forces. It is recommended to minimize the problem of excessive perspiration.



Material	Fabric	Activity level	Thickness
High Density Gel	Seamless Knitted Fabric	K1 K2 K3 K4	3 mm 6 mm

Key Benefits



Protects the residual limb thanks to the high capacity of the HD Gel to absorb vertical and shear forces



Promotes a healthy environment due to the distal valve that expels air and humidity between the residual limb and the liner



Ensures a high level of control of the prosthetic leg and minimizes soft tissue movement thanks to the High Density Gel



Since it is used in conjunction with a nylon sheath, it has a superior capacity for collecting and expelling humidity

Liberty™ Liner II VSDT. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

Measured size (cm)	Locking 3mm uniform	Locking 6mm uniform
20-23 cm	VSDT20-3	VSDT20-6
24-25 cm	VSDT24-3	VSDT24-6
26-27 cm	VSDT26-3	VSDT26-6
28-31 cm	VSDT28-3	VSDT28-6
32-37 cm	VSDT32-3	VSDT32-6
38-43 cm	VSDT38-3	VSDT38-6

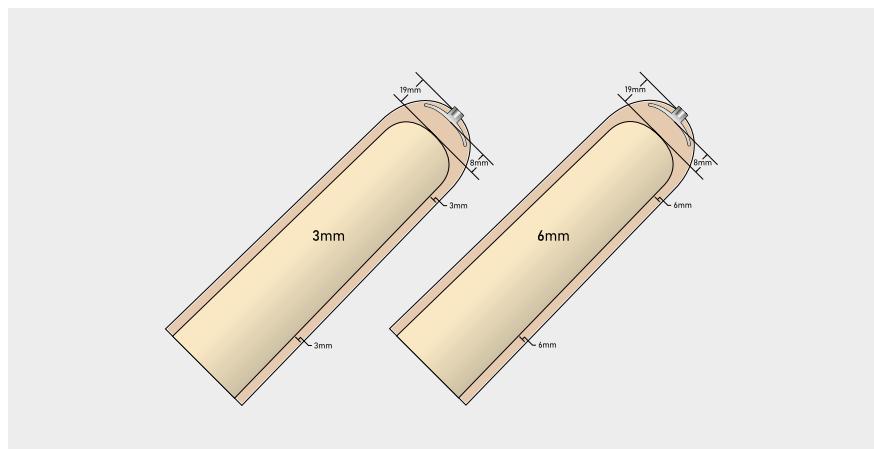
Cross section



VSDT Locking

U-SHAPED REINFORCEMENT

Wider distal ends that are proportionate to the size of the liner



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PROSTHETIC SUSPENSION SYSTEMS

Sleeves
Locks
Elevated Vacuum



ALPS
MADE IN USA
20 HD

EasySleeve

Patent No. 7,709,570

ALPS® EasySleeve Reinforced Fabric prosthetic gel sleeve provides superior comfort thanks to its use of ALPS® EasyGel. The elasticity of the fabric allows the user a great deal of freedom of knee flexion. The EasySleeve also achieves secure suspension by sealing to the skin without restricting circulation. The lower coefficient of friction found with the EasyGel helps relieve the skin of shear forces.



Material	Fabric	Activity level	Thickness
EasyGel	Beige Fabric	K1 ✓ K2 ✓ K3 K4	3 mm 6 mm

Key Benefits



Easy to don also for patients with reduced manual dexterity



Indicated for delicate and fragile skins thanks to the antioxidants contained in the gel



Minimizes compression and irritation proximally



Allows a high degree of freedom of knee flexion



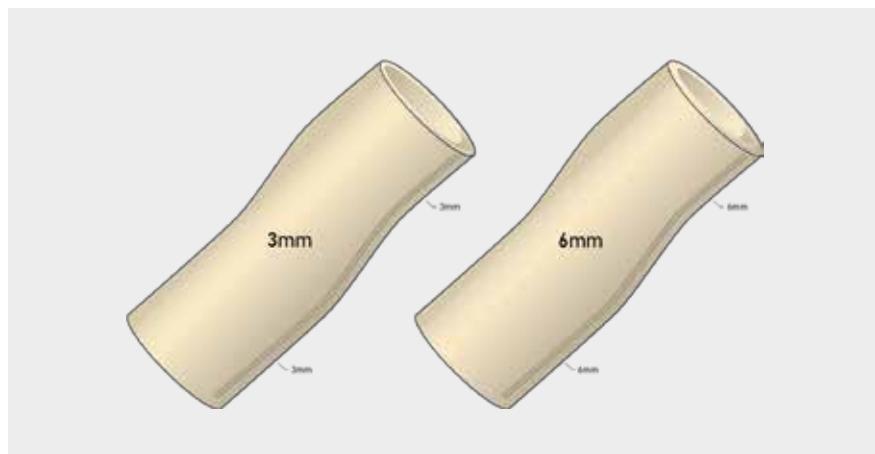
Relieves the skin from stress generated by shear forces thanks to EasyGel's low coefficient of static friction

EasySleeve SFR. Sizing chart

Measure the circumference of the leg at 10 cm above the centre of the knee.

Measured size (cm)	3mm or 6mm uniform
16-19 cm	SFR10-(3 or 6)
20-24 cm	SFR16-(3 or 6)
25-30 cm	SFR20-(3 or 6)
31-34 cm	SFR24-(3 or 6)
35-37 cm	SFR26-(3 or 6)
38-40 cm	SFR28-(3 or 6)
41-45 cm	SFR32-(3 or 6)
46-60 cm	SFR38-(3 or 6)
61-70 cm	SFR44-(3 or 6)

Cross section



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EasySleeve SuperStretch

Patent No. 7,709,570

ALPS® EasySleeve SuperStretch is a prosthetic gel sleeve that allows freedom of knee flexion as well as providing secure suspension by sealing to the skin without restricting circulation.

By using a separate fabric cover, the EasyGel is able to move with the user, therefore reducing the effect of physical forces against the patella.



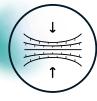
Material	Activity level	Thickness

EasyGel K1 ✓ K2 ✓ K3 K4 6 mm

Key Benefits



Indicated for delicate and fragile skins thanks to the antioxidants contained in the gel



Minimizes compression and irritation proximally



Allows a high degree of freedom of knee flexion



Relieves the skin from stress generated by shear forces thanks to EasyGel's low coefficient of static friction



A fabric cover (sold separately) protects the sleeve

EasySleeve SuperStretch SLE. Sizing chart

Measure the circumference of the leg at 10 cm above the centre of the knee.

Measured size (cm)	6mm uniform	Cover size
16-19 cm	SLE-10	None
20-24 cm	SLE-16	CSLE-16
25-30 cm	SLE-20	CSLE-20
31-34 cm	SLE-24	CSLE-24
35-37 cm	SLE-26	CSLE-26
38-40 cm	SLE-28	CSLE-28
41-45 cm	SLE-32	CSLE-32

Cross section



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5 simple steps



Flex Sleeve

ALPS® Flex Sleeve (SFX) prosthetic suspension sleeve combines a seamless knitted fabric with a High Density Gel to provide maximum comfort and high performance.

The SFX provides a 30° pre-flexion which eases bending and reduces bunching behind the knee. It is indicated for medium and high activity users.



Material	Fabric	Activity level	Thickness
		K1 K2 ✓ K3 ✓ K4 ✓	

Key benefits



Minimizes compression and irritation proximally



Easy of knee flexion and reduced bunching in the popliteal



The High Density Gel ensures superior control even for more active users



Available in 3 mm thickness and two optional colors



Provides a secure suspension of the prosthetic leg



Recommended for waterproof prostheses

Flex Sleeve SFX. Sizing chart

Measure the circumference of the leg at 10 cm above the centre of the knee.

Measured size (cm)	3mm beige	3mm gray
34-37 cm	SFX20-3B	SFX20-3G
36-39 cm	SFX23-3B	SFX23-3G
38-42 cm	SFX26-3B	SFX26-3G
41-46 cm	SFX29-3B	SFX29-3G
45-50 cm	SFX32-3B	SFX32-3G

Cross section



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



Superior Suspension Sleeve

ALPS® Superior Suspension Sleeve provides superior comfort thanks to its use of ALPS® Gel.

The Gel adheres to the amputee's skin to achieve secure suspension without restricting circulation and without causing shear forces.

With its thinner profile, the SFB, is the ideal choice for patients who want a lightweight product with reduced bulk.



Material	Activity level	Thickness
High Density Gel	GripGel	2 mm

Key Benefits



Minimizes compression and irritation proximally



The High Density Gel ensures superior control even for more active users



Provides a secure suspension of the prosthetic leg



Reduced bulk thanks to its 2 mm profile



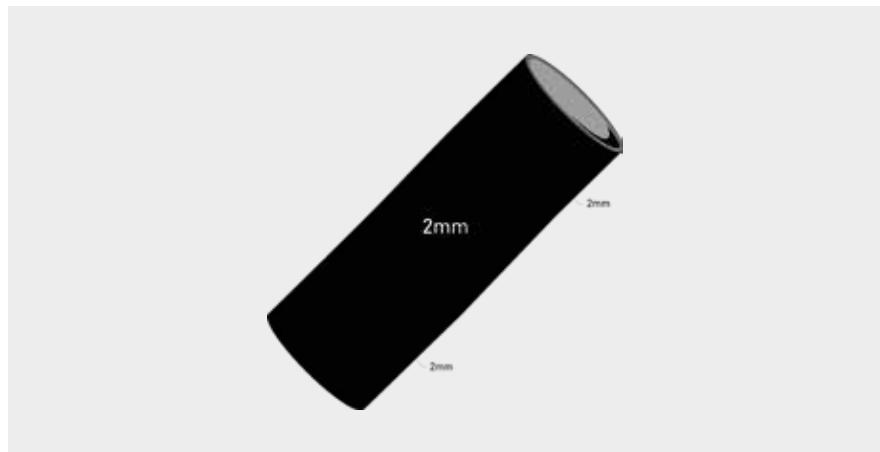
The fabric's limited vertical stretch improves control of the prosthetic leg and allows for ease of knee flexion

Superior Suspension Sleeve SFB/SFBHD. Sizing chart

Measure the circumference of the leg at 10 cm above the centre of the knee.

Measured size (cm)	2mm uniform
25-30 cm	SFB(HD)20-2
31-34 cm	SFB(HD)24-2
35-37 cm	SFB(HD)26-2
38-40 cm	SFB(HD)28-2
41-45 cm	SFB(HD)32-2

Cross section



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



Superior Performance Sleeve

ALPS® Superior Performance Sleeve is a prosthetic gel sleeve constructed using a limited vertical stretch fabric that maintains a high horizontal elongation to provide the transtibial user with easy knee flexion and elevated control.

The Gel adheres to the patient's skin without creating shear force and helps prevent the sleeve from rolling down the residual limb.



Material	Activity level	Thickness
GripGel	K1 ✓ K2 ✓ K3 ✓ K4 ✓	3 mm 6 mm

Key Benefits



Minimizes compression and irritation proximally



The High Density Gel ensures superior control even for more active users



Provides a secure suspension of the prosthetic leg



Recommended for waterproof prostheses



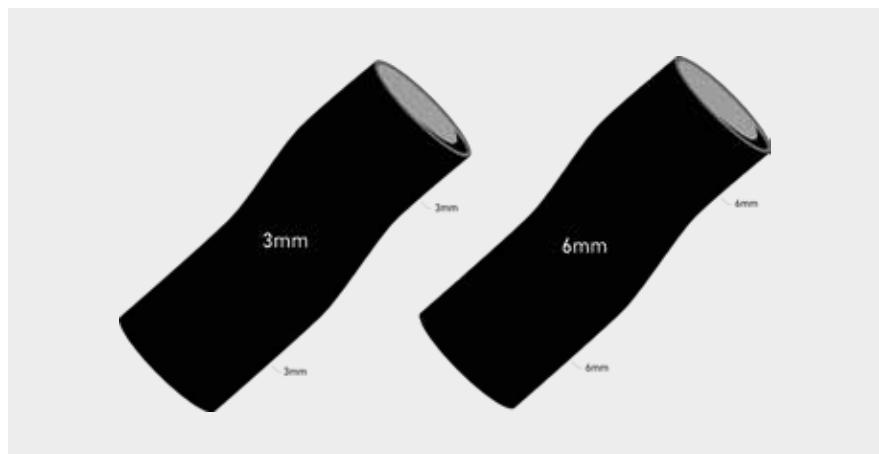
The fabric's limited vertical stretch improves control of the prosthetic leg and allows for ease of knee flexion

Superior Performance Sleeve SFP/SFPHD. Sizing chart

Measure the circumference of the leg at 10 cm above the centre of the knee.

Measured size (cm)	3mm or 6mm uniform
20-24 cm	SFP(HD)16-(3 or 6)
25-30 cm	SFP(HD)20-(3 or 6)
31-34 cm	SFP(HD)24-(3 or 6)
35-37 cm	SFP(HD)26-(3 or 6)
38-40 cm	SFP(HD)28-(3 or 6)
41-45 cm	SFP(HD)32-(3 or 6)
46-60 cm	SFP(HD)38-(3 or 6)
61-70 cm	SFP(HD)44-(3 or 6)

Cross section



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



Extreme Sleeve

ALPS® Extreme Sleeve is covered with a limited vertical stretch fabric that maintains a high horizontal elongation to provide the user with an easy knee flexion and elevated control.

The Grip Gel adheres to the patient's skin without creating shear force and helps prevent the sleeve from rolling down the residual limb.



Material	Activity level	Thickness
GripGel	K1 K2 ✓ K3 ✓ K4	3 mm 6 mm

Key benefits



Minimizes compression and irritation proximally



Provides a secure suspension of the prosthetic leg



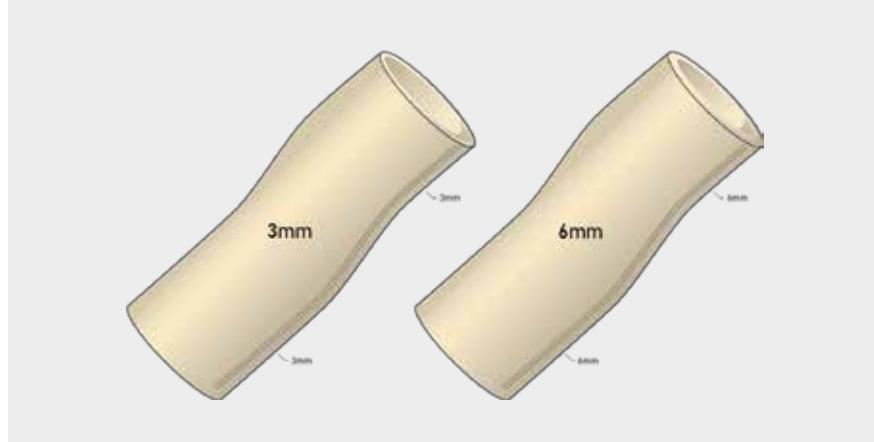
The fabric's limited vertical stretch improves control of the prosthetic leg and allows for ease of knee flexion

Extreme Sleeve SFK. Sizing chart

Measure the circumference of the leg at 10 cm above the centre of the knee.

Measured size (cm)	3mm or 6mm uniform
20-24 cm	SFK16-(3 or 6)
25-30 cm	SFK20-(3 or 6)
31-34 cm	SFK24-(3 or 6)
35-37 cm	SFK26-(3 or 6)
38-40 cm	SFK28-(3 or 6)
41-45 cm	SFK32-(3 or 6)
46-60 cm	SFK38-(3 or 6)
61-70 cm	SFK44-(3 or 6)

Cross section



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



ALPS® SOUTH | www.easyliner.eu

V.I.V.A. Sleeve

Patent No. 6,361,568*

ALPS® V.I.V.A. Sleeve is a prosthetic gel sleeve with a built-in valve to evacuate air from the socket to ensure superior security.

It provides suction suspension without the need to create a valve in the socket.

Once the sleeve is donned, the valve should be located proximal to the patella to create back pressure with knee flexion.



Material



GripGel

Activity level



K1 K2 ✓ K3 ✓ K4

Thickness



3 mm 6 mm

Key benefits



Minimizes compression and irritation proximally



Allows a high degree of freedom of knee flexion



Provides a secure suspension of the prosthetic leg



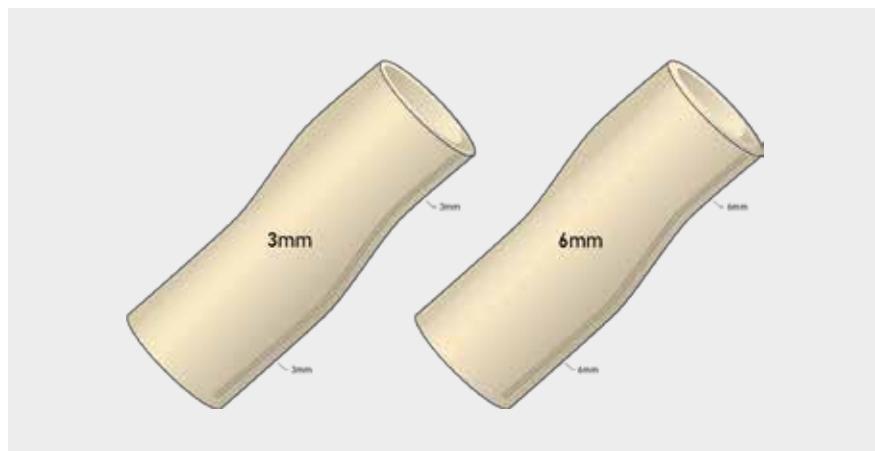
Improves pneumatic suspension thanks to the built-in valve for evacuating air

V.I.V.A. Sleeve VIVA. Sizing chart

Measure the circumference of the leg at 10 cm above the centre of the knee.

Measured size (cm)	3mm or 6mm uniform
20-24 cm	VIVA16-(3 or 6)
25-30 cm	VIVA20-(3 or 6)
31-34 cm	VIVA24-(3 or 6)
35-37 cm	VIVA26-(3 or 6)
38-40 cm	VIVA28-(3 or 6)
41-45 cm	VIVA32-(3 or 6)

Cross section



Choose Your Liner™

Find your ideal prosthetic liner in
5 simple steps



VIP™ Lock

With ALPS® VIP™ Lock, clinicians can quickly switch from pin & lock to vacuum suspension, or vice versa, with minor adjustments to the socket.



Key benefits



Retrofits with ALPS® VIP™



Lightweight



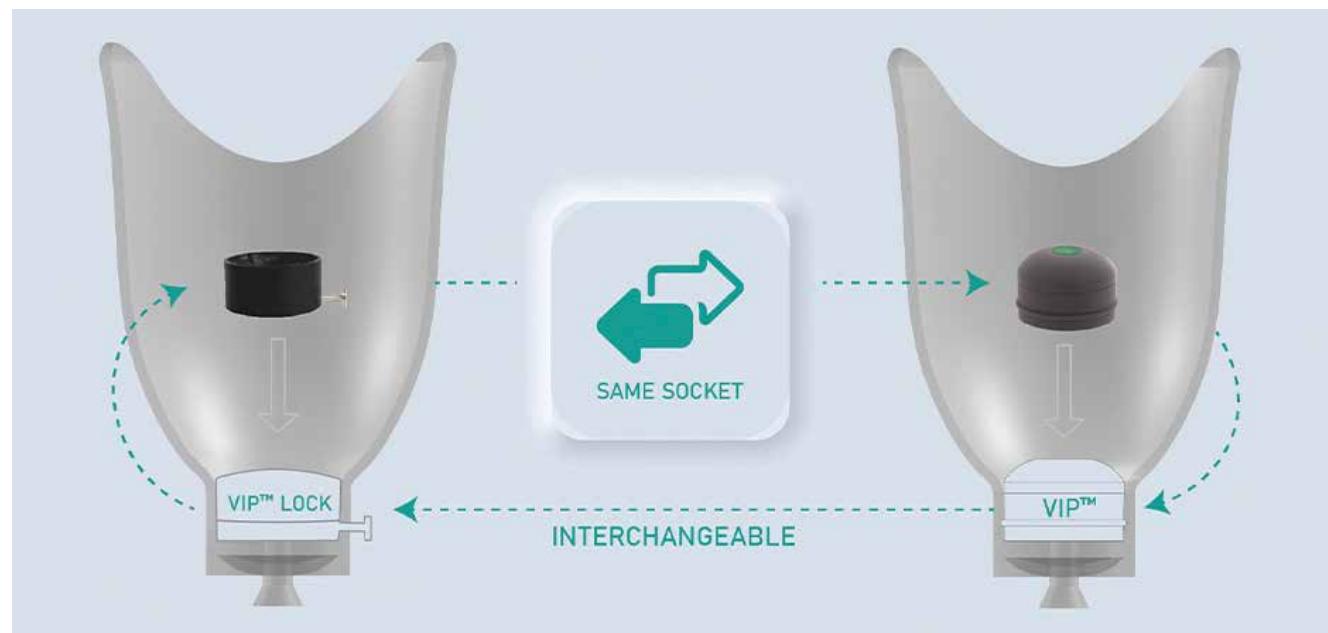
Removable release pin



Perfect fit with ALPS® encapsulations

VIP™ Lock Part Number and specification

PART #	VIP-L1120-S
DIMENSIONS	32x67 mm
WEIGHT	74 g
WEIGHT LIMIT	270 kg
PIN (4.8cm)	VIP-92L
PIN (3.0cm)	VIP-92S



Lock with Pyramid

Patent No. 5,507,837*

The ALPS® Lock with Pyramid is an all-in-one lock body design which combines the lock and pyramid. The glass reinforced nylon lock body exhibits better wear characteristics than delrin or aluminum. The convenient one-way gear allows the user to push in or wind out the limb into the prosthetic socket. A unique feature of this lock is that if foreign material or clothing get caught in the gear, the housing can be removed, freeing the pin.



Key benefits



For laminated sockets



All-in-one lock body design combining the lock and pyramid



Infinite pin adjustment reduces play



The housing can be removed, freeing the pin

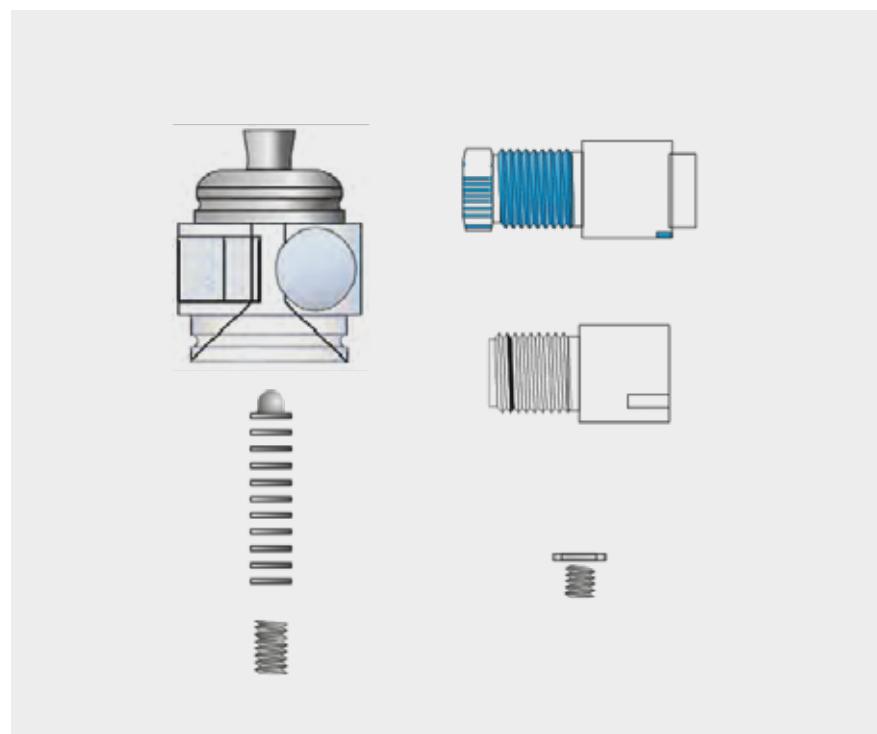


100 kg (220 lbs) weight rating

ALPS® Lock with Pyramid. Part Number and Spare Parts

Spare parts	Description
S498-P	Main body with pyramid
LDH - 694 A	Locking mechanism
LDP - 695	Serrated pin
LDA - 694	Hex nut adapter - Dummy

Cross section



Lock with Flat Bottom

Patent No. 6,511,513* | 6,572,656* | 6,572,657* | 6,576,020* | 6,576,021*
6,579,323* | 6,596,027*

The ALPS® Lock Flat Bottom has shown proven reliability and smooth operation. This lightweight locking device made of glass reinforced nylon exhibits better wear characteristics than delrin or aluminum. The convenient one-way gear allows the user to push in or wind out the limb into the prosthetic socket.

A unique feature of this lock is that if foreign material or clothing get caught in the gear, the housing can be removed, freeing the pin.



Key benefits



Infinite pin adjustment reduces play



The housing can be removed, freeing the pin



For laminated or thermoplastic sockets



Lightweight (107gr)

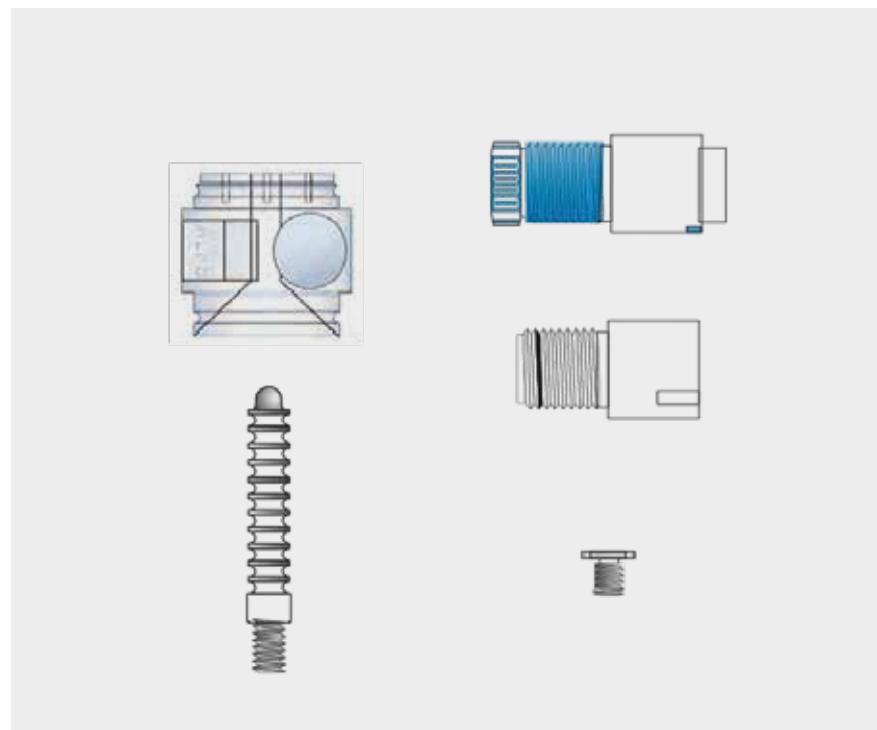


No weight limit

ALPS® Lock Flat Bottom – Without Plate. Part Number and Spare Parts

Spare parts	Description
S496-W	Main body with flat bottom
LDH - 694 A	Locking mechanism
LDP - 695	Serrated pin
LDA - 694	Hex nut adapter - Dummy

Cross section



Vacuum Integrated Pump

Patent No. 8,197,555 | 11,224,527 | 8,197,555 | 11,224,527

The ALPS® VIP™ is an air expulsion integrated pump for elevated vacuum. Its use 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. Elevated vacuum created by the VIP™ stabilizes the residual limb, overcoming all issues connected with the residual limb changing volume during the day.



Key benefits



Efficiently deals with stump volume fluctuation which in turn leads to improved prosthesis control and comfort



Reduces the intensity of peaks in pressure on the patient's limbs, improving comfort and providing greater freedom of movement



Helps preserve residual limb skin health by improving circulation and consequently increasing limb oxygenation



Quiet and light does not affect the cosmetic appearance of the prosthesis



Easy to install and battery-free

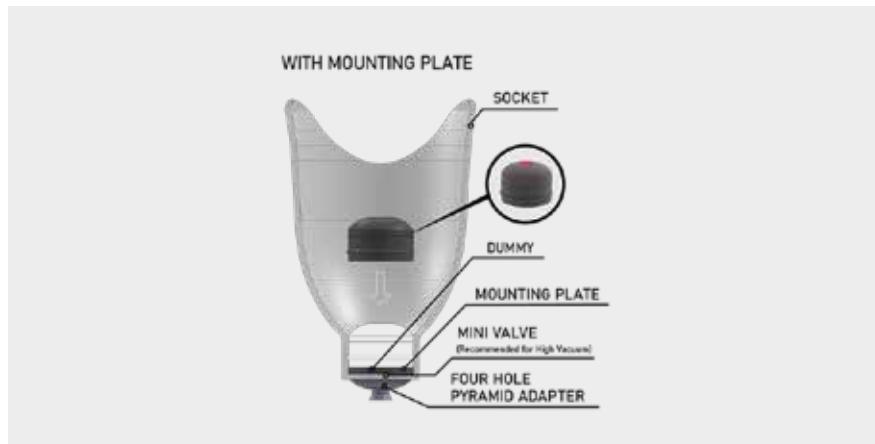
Vacuum Integrated Pump VIP™ Part Number and optional complementary products.

Available in 2 different vacuum levels: HIGH VACUUM (Red) 10-13 in of mercury and LOW VACUUM (Green) 5-8 in of mercury. Choose vacuum level on the basis of activity level and skin condition.

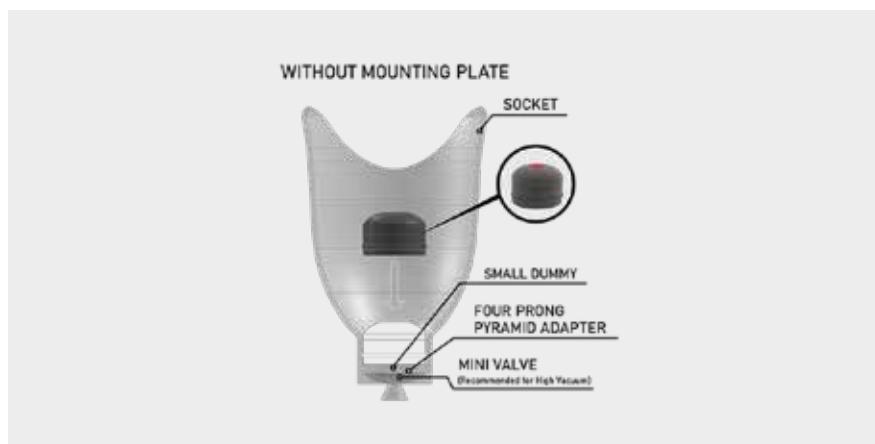
Part name	Part #
VIP™ LOW VACUUM (GREEN)	VIP - DL
VIP™ HIGH VACUUM (RED)	VIP - DH
DUMMY	VE319 - D
SMALL DUMMY	VE319 - SD
MOUNTING PLATE	VE819 - P
LOCK (SMALL)	VIP-L1120-S
MINI VALVE	MV-009
MINI VALVE KIT	LMV-009
PIN (4.8cm)	VIP-92L
PIN (3.0cm)	VIP-92S

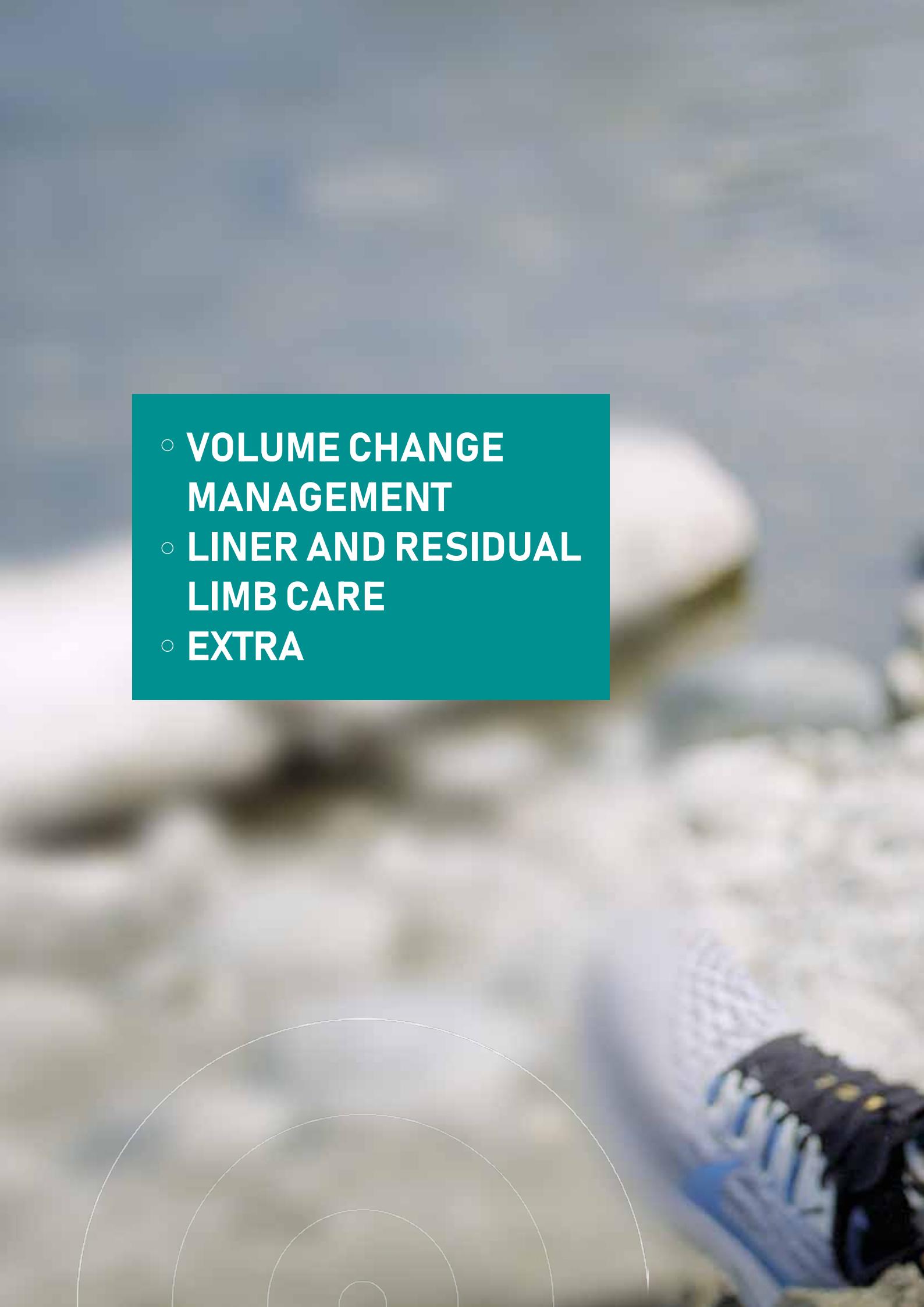
Cross section

With Mounting Plate



Without Mounting Plate



- 
- 
- 
- **VOLUME CHANGE
MANAGEMENT**
 - **LINER AND RESIDUAL
LIMB CARE**
 - **EXTRA**



Prosthetic Socks with Hole

ALPS® prosthetic socks are light and soft, extremely comfortable with a perfect fit. They are made with technologically advanced fibers, highly effective in moisture management, that wick away perspiration so it can easily evaporate. This advanced fabric means that socks maintain their original quality for a long time, without getting misshapen or matting up.

Choosing the best sock to suit your needs is easy with ALPS® socks' color-coded thickness indicator: blue for 1-ply; 3-ply, yellow; 5-ply, green.



Key Benefits



Assists with volume fluctuation



Keeps its shape over time; minimal stretch and will not mat down



Technical fibers allow a cool, comfortable wear



Light and soft, extremely comfortable



Available in bundles

Prosthetic Socks KC. Sizing chart.

Measurements taken 5 cm from the distal end.

X indicates the thickness in Ply (1Ply= 1.5mm; 3Ply= 2mm; 5Ply=2.5mm)

Available also in bundles.

Products also available with reinforced hole. Add R after H in the code when ordering if you prefer this model.

Product code examples:

KCN-08-3-H Prosthetic sock, Narrow, Extra Short, 3 Ply, with hole

KCM-10-1-N Prosthetic sock, Medium, Short, 1 Ply, without hole

KCW-18-5-HR Prosthetic Sock, Wide, Long, 5 Ply, with reinforced hole

RECOMMENDED ALPS® LINER SIZE	LEVEL OF AMPUTATION	PROXIMAL CIRCUMFERENCE	DISTAL CIRCUMFERENCE AT 5 CM
20	BK	min. 20-max. 40 cm	20-23 cm
24, 26, 28	BK	min. 30-max. 60 cm	23-31 cm
32, 38	AK	min. 40-max. 80 cm	31-36 cm

*LENGTH OF THE SOCKET 13-18 CM	*LENGTH OF THE SOCKET 18-23 CM	*LENGTH OF THE SOCKET 23-38 CM	*LENGTH OF THE SOCKET 38-48 CM
KCN-8-X-Y	KCN-10-X-Y	KCN-14-X-Y	KCN-18-X-Y
KCM-8-X-Y	KCM-10-X-Y	KCM-14-X-Y	KCM-18-X-Y
KCW-08-X-Y	KCW-10-X-Y	KCW-14-X-Y	KCW-18-X-Y

X indicates the thickness in Ply (1Ply= 1.5mm; 3Ply= 2mm; 5Ply=2.5mm)

Y indicates the distal end (N-without hole; H with hole; HR with reinforced hole)

Use our product selector to find the product code which better fits your individual needs.



Prosthetic Socks without Hole

ALPS® prosthetic socks are light and soft, extremely comfortable with a perfect fit. They are made with technologically advanced fibers, highly effective in moisture management, that wick away perspiration so it can easily evaporate. This advanced fabric means that socks maintain their original quality for a long time, without getting misshapen or matting up.

Choosing the best sock to suit your needs is easy with ALPS® socks' color-coded thickness indicator: blue for 1-ply; 3-ply, yellow; 5-ply, green.



Key Benefits



Assists with volume fluctuation



Keeps its shape over time; minimal stretch and will not mat down



Technical fibers allow a cool, comfortable wear



Light and soft, extremely comfortable



Available in bundles

Prosthetic Socks KC. Sizing chart.

Measurements taken 5 cm from the distal end.

X indicates the thickness in Ply (1Ply= 1.5mm; 3Ply= 2mm; 5Ply=2.5mm)

Available also in bundles.

Product code examples:

KCN-08-3-H Prosthetic sock. Narrow, Extra Short, 3 Ply, with hole

KCM-10-1-N Prosthetic sock. Medium, Short, 1 Ply, without hole

KCW-18-5-HR Prosthetic Sock. Wide, Long, 5 Ply, with reinforced hole

RECOMMENDED ALPS® LINER SIZE	LEVEL OF AMPUTATION	PROXIMAL CIRCUMFERENCE	DISTAL CIRCUMFERENCE AT 5 CM
20	BK	min. 20-max. 40 cm	20-23 cm
24, 26, 28	BK	min. 30-max. 60 cm	23-31 cm
32, 38	AK	min. 40-max. 80 cm	31-36 cm

*LENGTH OF THE SOCKET 13-18 CM	*LENGTH OF THE SOCKET 18-23 CM	*LENGTH OF THE SOCKET 23-38 CM	*LENGTH OF THE SOCKET 38-48 CM
KCN-8-X-Y	KCN-10-X-Y	KCN-14-X-Y	KCN-18-X-Y
KCM-8-X-Y	KCM-10-X-Y	KCM-14-X-Y	KCM-18-X-Y
KCW-8-X-Y	KCW-10-X-Y	KCW-14-X-Y	KCW-18-X-Y

X indicates the thickness in Ply (1Ply= 1.5mm; 3Ply= 2mm; 5Ply=2.5mm)

Y indicates the distal end (N-without hole; H with hole; HR with reinforced hole)

Use our product selector to find the product code which better fits your individual needs.



Skin Reliever

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.



Key Benefits



Reduces shearing and abrasions



High elasticity



Replaces pelite and socks



Softens and soothes the skin



Contains an antioxidant for use on delicate skin

Skin Reliever ENCP. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

MEASURED SIZE (CM)	ENCP 3/1.5MM TAPERED
10-19 cm	ENCP16
20-27 cm	ENCP20
28-37 cm	ENCP28

Cross section



Antioxidant Cream

Patent No. 10,543,167 | 11,478,419

ALPS® Antioxidant Cream contains antioxidants that are effective scavengers of free radicals and hydroxyl groups. May assist with soothing pain, itchiness and irritated skin. Can be applied on stumps with sensitive skin as it stimulates skin regeneration process. Its moisturizing power improves skin elasticity.

Recommended for use with all liners.



Key benefits



Soothes Pain, Itch, and Irritation



Stimulates Skin Regeneration



Improves Skin Elasticity



Great for Sensitive Skin

Product Code

PRODUCT NO.	AMOUNT	QUANTITY
ANT-C50	50 ML	x1
ANT-C50 BX12	50 ML	BOX OF 12

Silicone Skin Lotion



ALPS® 100% Silicone Skin Lotion helps to soothe dry, sensitive skin. It is hypoallergenic, with no perfumes or dyes, and minimal residue. Can be used sparingly to relieve dry, cracked skin conditions.

Key benefits



Hypoallergenic and skin friendly: formulated to soothe and hydrate sensitive skins without oily feeling



Simple use: apply a few drops of lotion on the skin or on palm of the hand and massage until completely absorbed



Concentrated: a few drops are enough to relieve dry and cracked skin conditions



Without soap or dyes: 100% free of soaps and dyes that could be aggressive

Product Code

PRODUCT NO.	AMOUNT	QUANTITY
SL108	118 ML	x1
SL108 BX12	118 ML	BOX OF 12
SL108-32	944 ML	x1

Prosthetic Lubricant

ALPS® Prosthetic Lubricant is used to help in donning gel and silicone prosthetic liners. It allows the amputee to don the liner or sheath easily while eliminating the sticky feel.



Key benefits



Helps the placement of the liner in the socket



Easy application in 3 fast steps: Turn the liner inside-out - spray the lubricant on the external surface - unroll the liner over the stump



Eliminates the sticky feeling and is recommended for use with all liners



Contains 70% isopropyl alcohol for quick evaporation

Product Code

PRODUCT NO.	AMOUNT	QUANTITY
PA 604	443 ML	x1
PA 604 BX12	443 ML	BOX OF 12

Prosthetic Cleanser



ALPS® Prosthetic Cleanser is a non-alkaline, soap-free cleansing agent designed to help remove dirt and excess perspiration from prosthetic liners and sleeves. Its unique formula allows it to work efficiently with hand washing or machine wash settings to effectively clean and restore items back to their original state.

Key benefits



Developed to remove dirt and excess sweat from prosthetic liners and sleeves, either by hand or in the washing machine. It is recommended for use with all liners



Suitable for sensitive skin: thanks to its delicate formula it can also be applied to the areas of the skin that come into contact with the prosthesis



Without soap or dyes: 100% free of soaps and dyes that could be aggressive



Balanced pH: the non-alkaline silicone-based formula soothes the skin and does not damage the liner.

Product Code

PRODUCT NO.	AMOUNT	QUANTITY
PD 595	443 ML	x1
PD 595 BX12	443 ML	BOX OF 12



EasySkin

Patent No. 86,740,124* | 6,911,049*

ALPS® cosmetic covers are pre-stretched and are heated to shrink to size. After pulling skin over prosthesis, use a heat gun to start at the toes and work up to the proximal trim.

If needed, a vinyl contact cement can be used or super glue for a permanent bond. Can be used on transtibial amputees. For use with suction suspension applications, place a small hole so the cosmetic cover does not inflate.



Key Benefits



Highly comfortable



Two sizes to accommodate most users



Pre-stretched, heat shrink to fit



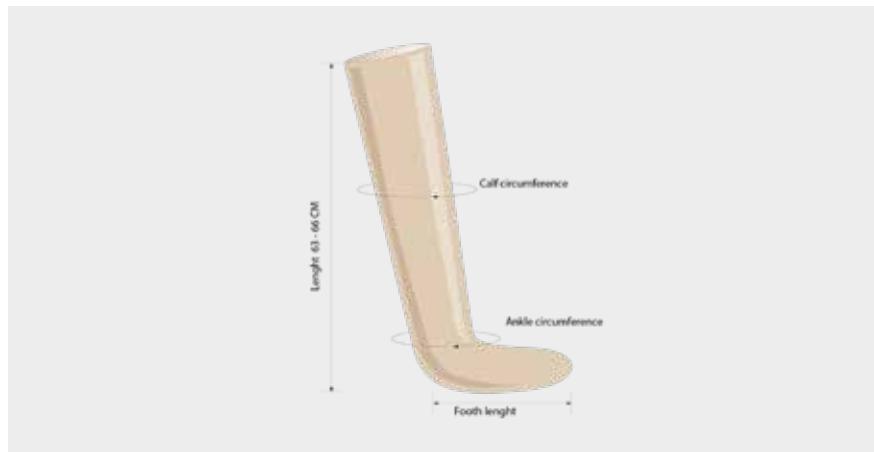
No transition line at the ankle

EasySkin TSK. Sizing chart.

X indicates color. See color chart and illustrations of the cross section for further details.

PRODUCT CODE	PRODUCT SIZE	FOOT LENGTH	ANKLE	CALF
TSK-X-S	SMALL			
		Minimum	18 cm	25 cm
	Maximum	23 cm	22 cm	35 cm
TSK-X-L	LARGE			
		Minimum	23 cm	35 cm
	Maximum	30 cm	29 cm	55 cm

Cross section



Color options



The Padsil was developed to increase patient comfort in combination with ALPS® liners. The more active user will appreciate the additional cushioning, softness, and durability. Users who experience volume changes will also appreciate the Padsil's ability to lift the limb back into the proper position. They can be placed at the bottom of the socket or inside a pin locking liner.



Key Benefits



Soft medical grade silicone



Helps maintain total contact



Keeps its shape over time



Easily modified



Blue dummy padsils are available for laminating

PadSil PDS. Sizing chart.

Measure the circumference of the stump at 6 cm above the distal end.

MEASURED SIZE (CM)	SILICONE DISTAL PAD	BLUE DUMMY FOR LAMINATION
14-19 cm	PDS-S Ø 5.5 cm	PDSB-S
20-23 cm	PDS-M Ø 6.5 cm	PDSB-M
24-27 cm	PDS-L Ø 8 cm	PDSB-L
28-31 cm	PDS-XL Ø 9 cm	PDSB-XL
32-35 cm	PDS-XXL Ø 10.5 cm	PDSB-XXL

Cross section





PROSTHETIC FEET

ALPS® Biostep™ range is a breakthrough innovation among dynamic response feet. Active users can experience a high dynamic response combined with a fluid step and stability on all terrains. ALPS® Biostep™ powered with patented NRG™ technology is based on a biomimetic design, enabling dynamic patients to perform a wide range of activities with just a single foot.





BioStep™ EVO

Patent No. 7,410,503~ | 8,236,062~ | 8,574,314~ | 8,808,395~



Ready for the next adventure

The most performing among the BioStep™ Family. An all-around foot, with extra shock absorption and increased safety on all terrains, providing a softer connection to the ground.

Suggested for demanding dynamic users searching for the best. Ideal also for hiking and trekking, as well for recreational sport and high impact activities.

Natural, responsive, gently supportive.

Activity level



K1 ⓘ K2 ✓ K3 ✓ K4 ✓

Key Benefits



Lightweight



Physiological and energy efficient gait



Smooth rollover during the whole gait cycle



High dynamic response to support an active lifestyle



Possibility to do a wide range of activities with just one single foot



Ground compliance and stability on all terrains



Reduction of secondary issues thanks to a more balanced posture and symmetrical gait



Low maintenance

Technical information

Size Range: **22-30**

Build Height: **170 mm**

Heel height: **10 mm**

Weight: **840 g** (size 26 with footshell)

Max user weight:

Size	K2	K3	K4
22	113kg	102kg	90kg
23-24	125kg	113kg	102kg
25-30	158kg	147kg	125kg

Product code example

Model	Size	Side	Rate
BSEVO	25	L/R	42

Add -D for dark footshell



Footshell and spectra
sock are included

Key Features



NRG™ Technology



Multilayer



**Dynamic Calf
and Shin**



Split Toe



**Range of Motion
26°**



Axial Rotation 12°



**Increased Shock
Absorption**

Indicated for more active K2 users.

Use our product selector to find the product code which better fits your individual needs.



BioStep™ PRO

Patent No. 7,410,503~ | 8,236,062~ | 8,574,314~ | 8,808,395~

With NRG™
Technology



Do that extra mile!

All benefits of the NRG™ Technology with enhanced torsional movement.

Suggested for active outdoor patients who prefer a firm connection to the ground and the added benefits of torsion. Also for occasional and recreational sport activities.

Natural, comfortable, responsive.

Activity level



K1 ⓘ K2 ✓ K3 ✓ K4 ✓

Key Benefits



Lightweight



Physiological and energy efficient gait



Smooth rollover during the whole gait cycle



High dynamic response to support an active lifestyle



Possibility to do a wide range of activities with just one single foot



Ground compliance and stability on all terrains



Reduction of secondary issues thanks to a more balanced posture and symmetrical gait



Low maintenance

Technical information

Size Range: **22-30**

Build Height: **150 mm**

Heel height: **10 mm**

Weight: **730 g** (size 26 with footshell)

Max user weight:

Size	K2	K3	K4
22-24	113kg	101kg	101kg
25-30	183kg	183kg	147kg

Product code example

Model	Size	Side	Rate
BSPRO	25	L/R	42

Add -D for dark footshell



Footshell and spectra
sock are included

Key Features



NRG™ Technology



Multilayer



**Dynamic Calf
and Shin**



Split Toe



**Range of Motion
26°**



Axial Rotation 12°



**Increased Shock
Absorption**

Indicated for more active K2 users.

Use our product selector to find the
product code which better fits your
individual needs.



BioStep™ CL

Patent No. 7,410,503~ | 8,236,062~ | 8,574,314~ | 8,808,395~

With NRG™
Technology



Your everyday companion

Our Classic foot with all benefits of the NRG™ Technology; it provides a firm connection to the ground.

Suggested for urban walkers and aggressive walkers searching for a strong, durable and comfortable dynamic response foot.

Natural and responsive.

Activity level



K1 ⓘ K2 ✓ K3 ✓ K4 ✓

Key Benefits



Lightweight



Physiological and energy efficient gait



Smooth rollover during the whole gait cycle



High dynamic response to support an active lifestyle



Possibility to do a wide range of activities with just one single foot



Ground compliance and stability on all terrains



Reduction of secondary issues thanks to a more balanced posture and symmetrical gait



Low maintenance

Technical information

Size Range: **22-30**

Build Height: **150 mm**

Heel height: **10 mm**

Weight: **740 g** (size 26 with footshell)

Max user weight:

Size	K2	K3	K4
22-24	113kg	101kg	101kg
25-30	183kg	183kg	147kg

Product code example

Model	Size	Side	Rate
BSCL	25	L/R	42

Add -D for dark footshell



Footshell and spectra
sock are included

Key Features



NRG™ Technology



Multilayer



**Dynamic Calf
and Shin**



Split Toe



**Range of Motion
26°**



Axial Rotation 12°



**Increased Shock
Absorption**

Indicated for more active K2 users.

Use our product selector to find the product code which better fits your individual needs.



BioStep™ XT

Patent No. 7,410,503~ | 8,236,062~ | 8,574,314~ | 8,808,395~

With NRG™
Technology

The relentless energy

Maximum energy storage and return for the most demanding patients.

Suggested for high impact activities equiring torsional movement and for occasional sports activities.

Natural, comfortable, extremely responsive.



Activity level



Key Benefits



Lightweight



Physiological and energy efficient gait



Smooth rollover during the whole gait cycle



High dynamic response to support an active lifestyle



Possibility to do a wide range of activities with just one single foot



Ground compliance and stability on all terrains



Reduction of secondary issues thanks to a more balanced posture and symmetrical gait



Low maintenance

Technical information

Size Range: **22-30**

Build Height: **185 mm**

Heel height: **10 mm**

Weight: **840 g** (size 26 with footshell)

Max user weight:

Size	K2	K3	K4
22-30	152kg	140kg	120kg

Product code example

Model	Size	Side	Rate
BSXT	25	L/R	42

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BioStep™ LP

Patent No. 8,574,314~

Low build height for a great freedom

The ideal solution for active users with long residual limbs. It provides secure contact with the ground, as well as responsive action and ground compliance.

Suggested for medium and high mobility users with long residual limbs, who want a responsive, all-around foot.

Responsive with low height.



Activity level



K1 ⓘ K2 ✓ K3 ✓ K4 ✓

Key Benefits



Lightweight



Physiological and energy efficient gait



Smooth rollover during the whole gait cycle



High dynamic response to support an active lifestyle



Possibility to do a wide range of activities with just one single foot



Ground compliance and stability on all terrains



Reduction of secondary issues thanks to a more balanced posture and symmetrical gait



Low maintenance

Technical information

Size Range: **22-30**

Build Height: **68 mm**

Heel height: **10 mm**

Weight: **600 g** (size 26 with footshell)

Max user weight:

Size	K2	K3	K4
22-24	100kg	88kg	77kg
25-30	165kg	147kg	130kg

Product code example

Model	Size	Side	Rate
BSLP	25	L/R	E

Add -D for dark footshell



Footshell and spectra
sock are included

Key Features



Split Toe



**Range of Motion
26°**

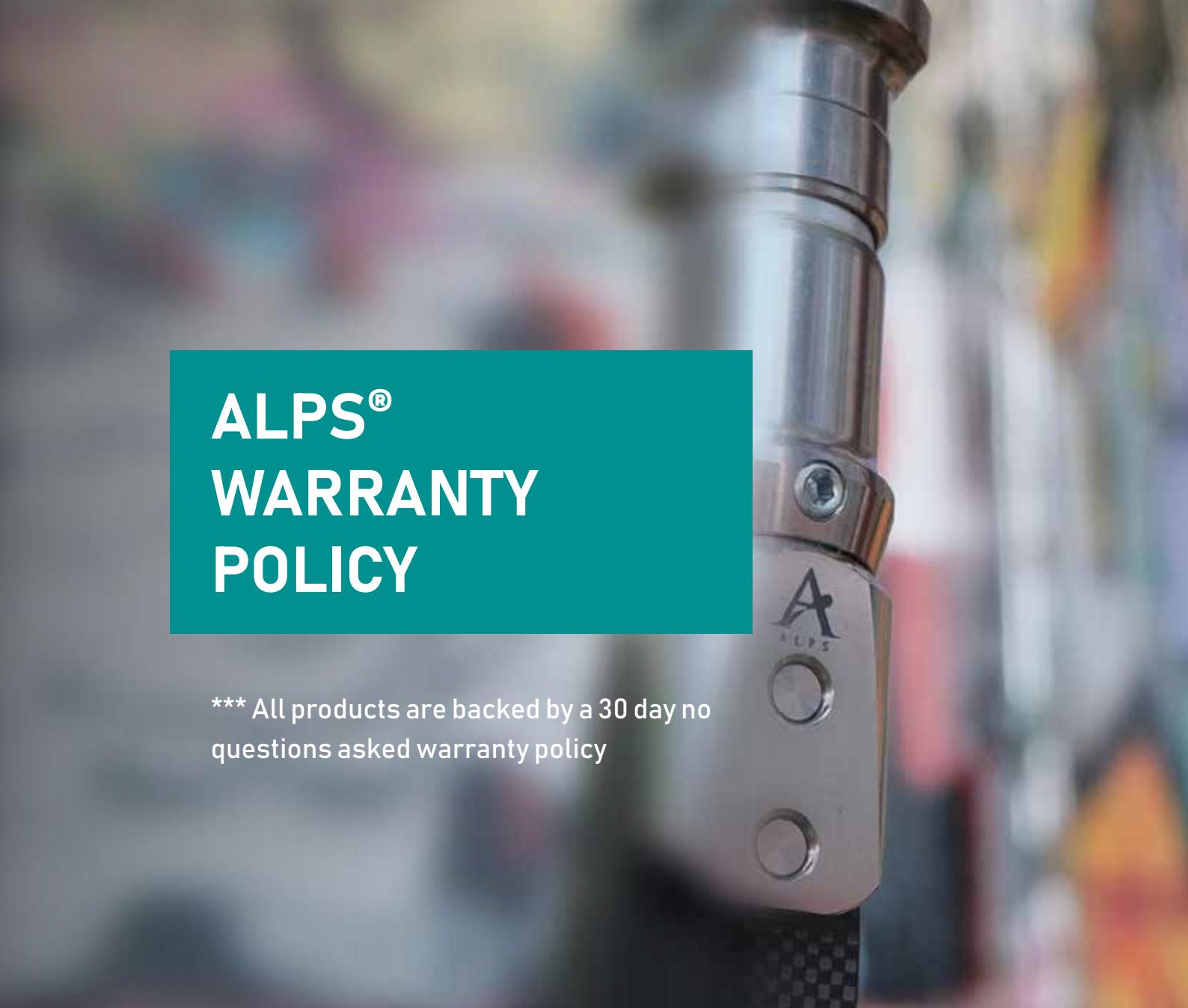


**Increased Shock
Absorption**

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ALPS® WARRANTY POLICY

*** All products are backed by a 30 day no questions asked warranty policy

LINERS

ITEM	DESCRIPTION	WARRANTY
AKDT/AKDTHD/AFFR/AKFRHD	Extreme™ Liner	12 Months
APDT-TP/APFR-TP	Anterior-Posterior Tapered Liner	12 Months
ECDTHD/ECFRHD	Eco™ Liner	12 Months
ELDT/ELFR	EasyLiner®	12 Months
ELPX	EasyLiner® Super Stretch	6 Months
EZF	EasyFlex™ Liner	12 Months
GPDT/GPFR	General Purpose Liner	12 Months
PSI	Proximal Seal Interface Liner	6 Months
SAFR/SADT/SBFR	Smart Seal™ Liner	6 Months
SPDT/SPDTHD/SPFR/SPFRHD	Superior Performance Liner	12 Months
VDST	Liberty™ Liner	12 Months
LSL/LSC	Silicone Pro Liner	12 Months

SLEEVES

ITEM	DESCRIPTION	WARRANTY
SFB/SFBHD	Superior Suspension Sleeve	2 Months
SFK	Extreme Sleeve	3 Months
SFP/SFPHD	Superior Performance Sleeve	3 Months
SFR	Easy Sleeve	3 Months
SFX	Flex Sleeve	3 Months
SLE	Easy Sleeve Super Stretch	3 Months
VIVA	Valve Integrated Vacuum Activated	3 Months

LOCKS

ITEM	DESCRIPTION	WARRANTY
S498-P	ALPS® Lock with Pyramid	6 Months
S496-W	ALPS® Lock Flat Bottom	6 Months

EXTRA

ITEM	DESCRIPTION	WARRANTY
ENCP	Skin Reliever	1 Month
KC	Prosthetic Socks	1 Month
PDS	Silicone Distal Pad	6 Months
TSK	EasySkin	6 Months
VIP™	Vacuum Integrated Pump	6 Months

SKIN CARE

ITEM	DESCRIPTION	WARRANTY
ANT-CEP50	Antioxidant Cream	90 Days
PA604	Prosthetic Lubricant	90 Days
PD595	Prosthetic Cleanser	90 Days
SL108	Skin Lotion	90 Days

BIOSTEP™

ITEM	WARRANTY
BioStep™ EVO, BioStep™ PRO, BioStep™ CL, BioStep™ XT, BioStep™ LP	3 Years
Foot Shell	6 Months
Spectra Sock	1 Month

CONTACTS



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ALPS® is a US manufacturer of medical devices since 1989; registered with the US Food and Drugs Administration.

ALPS® has focused for almost 30 years in designing and manufacturing only high-quality prosthetic liners to provide people all the mobility they need. Thanks to its expertise **ALPS®** is now proud to launch BioStep™ a new line of feet featuring a cutting-edge technology to improve people daily life.

Making Lives Better™

