

ALPS Liner and Sleeve Catalogue



Blatchford Overview

Blatchford is a multi-award winning manufacturer of some of the world’s most advanced prosthetic technology. We combine clinical expertise and pioneering innovation to redefine mobility and our evidence-based approach prioritises the wellbeing and long-term health of wearers.

Founded in 1890, we have a long history of firsts and continue to be widely recognised for our commitment to innovation in the industry.

We are proud to have created the very first commercially available hydraulic ankle, the first microprocessor-controlled hydraulic ankle, the world’s first fully integrated limb system and the first to develop and patent a laser-drilled, breathable, silicone liner solution. Our pioneering technology has also been the recipient of many prestigious awards including the Queen’s Award, the MacRobert Award, the German Design Award and the Medical Design Excellence Award.

Our holistic approach to product design, centres around the whole person and not just their mobility limitation. This ensures we develop solutions that not only help people to get the most out of every day, but to do so in a way that cares for their long-term health and wellbeing. Through extensive collaboration, we also work to provide evidence and inform best practice in the industry to give healthcare providers the confidence to prescribe and find solutions that deliver results.

ALPS Liner and Sleeve Selection

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.

Blatchford have selected a range of best-performing ALPS products to complement their world class lower limb prosthetic solutions to serve a diverse range of patient needs.

This catalogue introduces you to a carefully selected Alps product portfolio with an aim to assist you with the decision making involved in the prescription of socket interfaces, suspension methods and associated accessories whilst facilitating the ordering process with easy to navigate information.

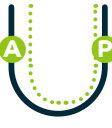
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Liner and Sleeve Design Features

Design Feature		Description	Key Benefits
Locking		Provides secure suspension using a pin lock or lanyard system, while delivering comfort and cushioning to the residual limb. A reinforced distal matrix helps reduce pistoning and improves stability.	✓ Secure suspension. ✓ No sleeve required. ✓ Increased knee flexion.
Cushion		Helps stabilise soft tissue and distribute pressure evenly across the residual limb. Provides cushioning and protection to improve comfort and socket fit. Designed for use with a suspension sleeve.	✓ Increased comfort and cushioning. ✓ Improved skin and tissue protection.
Sealing		Allows a non-constrictive hypobaric suspension of the residual limb. The raised bands create a seal against the socket wall, combined with a one-way valve, a secure passive suction suspension system is created.	✓ Highly secure form of suspension. ✓ Reduced pistoning within the socket. ✓ Reduced shear within the socket. ✓ No sleeve required.
Sealing and Locking		Dual suspension security. Combines mechanical locking (pin) with a sealing-ring suction suspension. If one system is compromised, the other still offers support. Particularly useful for higher activity wearers or those lacking confidence in single systems.	✓ Most secure form of suspension ✓ Accommodates volume fluctuations ✓ Reduced pistoning within the socket ✓ Reduced shear within the socket ✓ No sleeve required
AP Tapered		Features a thicker anterior section to provide enhanced cushioning and protection over bony areas, combined with a thinner posterior section to reduce bunching behind the knee and promote comfortable knee flexion.	✓ Enhanced protection over anterior bony prominences. ✓ Improved comfort and ROM during knee flexion.
Sleeve		Provides secure suspension by creating a seal between the residual limb and socket. Helps maintain a comfortable and stable connection between the limb and prosthesis.	✓ Provides secure suspension. ✓ Improves comfort and stability.
Pre-flexed sleeve		Creates a seal between the residual limb and socket to support secure suspension. The pre flexed design reduces resistance when bending the knee and helps minimise material bunching for improved comfort and ease of movement.	✓ Easier knee flexion. ✓ Reduced bunching in popliteal region.

Material Descriptions

Softest

↓

Hardest



OptiSil™ is a thin silicone that provides a lightweight and smooth interface with strong shape retention and low friction while helping maintain skin cooling and thermoregulation.

OptiGel™ is a soft and smooth TPE gel that combines conformability with durability, providing effective pressure distribution and reduced shear while maintaining skin comfort.

HD Gel is a high density TPE gel that provides a firm interface for enhanced control and stability while absorbing vertical and shear forces. Ideal for medium to high activity wearers and limbs with excess soft tissue

ALPS Fabric Technology

Fabric	Feature	Symbol	Symbol Description
Grey	Highly reduced vertical stretch.		Low Vertical Stretch Fabric
Black	Highly reduced vertical stretch.		Low Vertical Stretch Fabric

Gold Standards

Bony	OptiGel™
Redundant Tissue	OptiSil™, HD Gel
Scarred	OptiGel™, OptiSil™
Conical	OptiGel™
Volume Fluctuations ⓘ	OptiSil™, HD Gel
Diabetic/Sensitive	OptiGel™

ⓘ Use with careful consideration.



Prescription Recommendations

Liner Selection

Liner	Amputation Level		Suspension		Activity Level				Material
	BK	AK	Cushion/Locking	Sealing/Dual	1	2	3	4	
UltraSeal Gel	✓	✓	✗	✓	✓	✓	✓	✓	TPE (OptiGel™)
UltraSeal Silicone	✓	✓	✗	✓	✓	✓	✓	✓	Silicone (OptiSil™)
Pro-Fit	✓	✓	✓	✗	✗	✓	✓	✓	TPE (OptiGel™)
AP Tapered	✓	✗	✓	✗	✗	✓	✓	✓	TPE (HD Gel)

Residual Limb Presentation

Liner	Diabetic/ Sensitive	Volume Management !	Sweat Management	Conical	Scarred/ Grafted	Very Bony
Ultraseal Gel	✓	✗	✗	✓	✓	✓
Ultraseal Silicone	✓	✓	✗	!	!	!
Pro-Fit	✓	✗	✗	✓	✓	✓
AP Tapered	✗	✓	✗	!	✗	✗

! Use with careful consideration.

Sleeve Selection

Sleeve	Amputation Level		Activity Level				Material
	BK	AK	1	2	3	4	
RFX – Grey/Black	✓	✓	✗	✓	✓	✓	TPE (OptiGel™)

Activity Levels

Prescription Activity Level Guide

4 Level 4 has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress, or energy levels. Typical of the prosthetic demands of the child, active adult, or athlete.	41 32	1 Level 1 has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence. Typical of the limited and unlimited household ambulator.
3 Level 3 has the ability or potential for ambulation with variable cadence. Typical of the community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilization beyond simple locomotion.		2 Level 2 has the ability or potential for ambulation with the ability to traverse low level environmental barriers such as curbs, stairs, or uneven surfaces. Typical of the limited community ambulator.

Prescription Impact Level Guide

Low	Daily walking and occasional sports such as golf and hiking.
Moderate	Aggressive walking, frequent or daily sports such as jogging.
High	Daily activities such as distance running, climbing, lifting and carrying heavy objects for vocational purposes.

Notes

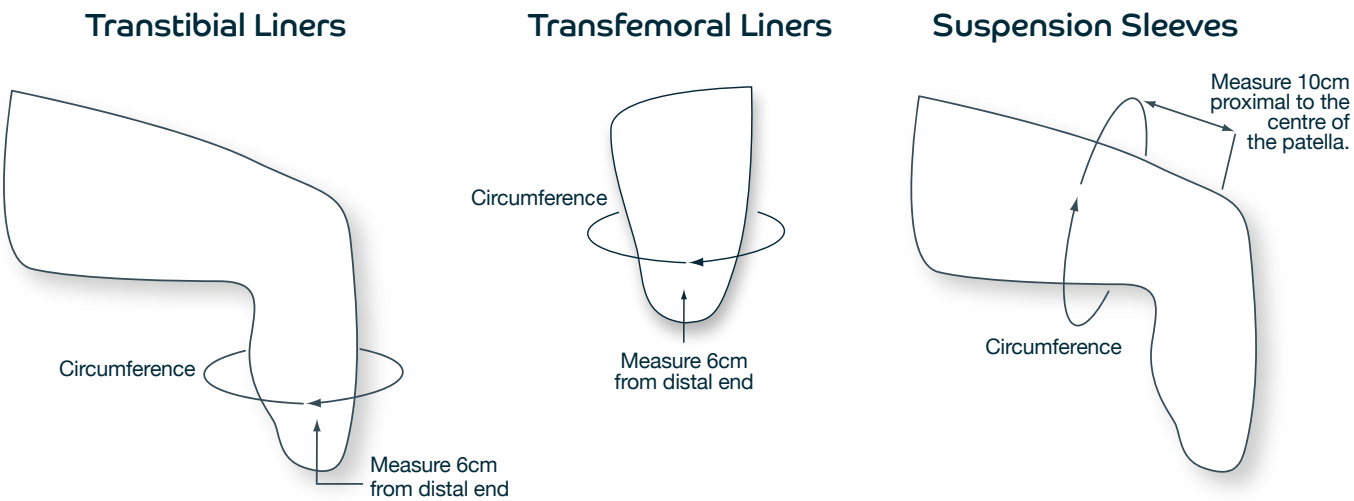
Please contact your Blatchford sales representative for prescription information and fitting advice, particularly when considering a new product or extreme users.

Always refer to the appropriate technical information before using any product; review product IFU or see Blatchford website for the latest product information.



Measurement Guidelines

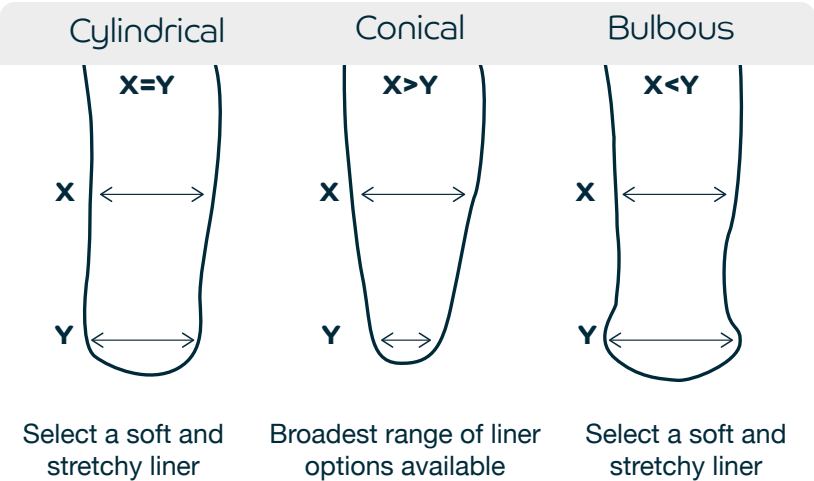
- Step 1.** The patient should position themselves safely and comfortably with the residual limb pointing towards the floor so residual tissue is hanging downwards.
- Step 2.** Using the below limb, product and brand guidelines, determine where the measurements should be taken.



- Step 3.** Directed by the above positioning, lay a tape measure around the residual limb so that it is taught over the skin but not tight enough to leave any sort of indentation.
- Step 4.** If the patient is measured between product sizes it is recommended to prescribe the lower of the two sizes.
- Step 5.** Consider the length of the residual limb. A particularly long or short stump may mean fewer products are suitable.

Limb Length Classification	Limitations
Short	Sealing liner solutions unsuitable. Matrix should not be more proximal to fibula head or patella tendon.
Medium	No limitations.
Long	Lock or lanyard mechanism may add too much length for component clearance. Liner may not cover top of socket.

- Step 6.** Consider the patient's limb shape. Conical or bulbous limb shapes may require specialist prescriptions.



Liner Care and Hygiene

Regardless of suspension method choice, it is vital to keep both the residual limb and any product which contacts the skin clean and dry to maintain a healthy environment for the patient.

The below instructions are general guidelines that should cover most liners and sleeves, but in all cases please familiarise yourself with the specific care guidelines for your chosen products.

Cleaning the Liner or Sleeve

Wash the inside of the device daily to avoid any build up of bacteria.

- Take care handling the device when it is inside out to avoid picking up dust, grit and other contamination which could cause irritation to the skin.**
- Dry thoroughly before use.**
- Do not tumble dry.**
- Encourage patient to report any liner deterioration to their practitioner promptly.**

Washing by Hand

- Invert the device so that the silicone/TPE side points externally.
- Clean the silicone/TPE and the distal cap with a solution of water and unperfumed, pH balanced soap.
- Rinse the liner or sleeve with clean water to remove all residues.
- Invert the device so that its silicone/TPE side points internally.
- Either pat dry the liner or sleeve with a lint-free cloth, or leave it to air dry. Take care when drying and handling the liner or sleeve.

Note: Always dry the device with the silicone/gel side of the device pointing internally. Otherwise, the fabric can stretch and become distorted.

Cleaning the Residual Limb

Inspect residual limb before and after prosthetic limb use or at least daily.

- Wearers should be encouraged to report any deterioration in residual limb condition to their practitioner promptly.**
 - Clean the skin daily with an unperfumed, pH balanced soap.
 - Rinse the skin with clean water to remove all residues.
 - Dry residual limb.
 - If recommended by a clinician, apply lotion to dry skin whilst liner-free (e.g. overnight). Clean the residual limb of lotions prior to donning the liner.
- Make sure that any damaged skin or open wounds are suitably dressed to prevent direct contact with the liner or sleeve.**

Liner Overview

Image	Name	Part Number	Suspension	Amputation Level	Activity Level	Material	Fabric	Thickness
	Pro-Fit Liner	PFGDT PFGFR	 Cushion and Locking	TT and TF	2, 3, 4	OptiGel™	Low Vertical Stretch	3mm or 6mm
	UltraSeal Silicone	USHSL USHSC USLSL USLSC USUSL USUSC	 Sealing, Sealing & Locking	TT and TF	1, 2, 3, 4	OptiSil™	Low Vertical Stretch	2mm
	UltraSeal Gel	USHGL USHGC USLGL USLGC USUGL USUGC	 Sealing, Sealing & Locking	TT and TF	1, 2, 3, 4	OptiGel™	Low Vertical Stretch	3mm
	Anterior Posterior Tapered Liner	APDT APFR	 Cushion and Locking	TT	2, 3, 4	High Density Gel	Low Vertical Stretch	6mm Anterior/ 3mm Posterior

Sleeve Overview

Image	Name	Part Number	Activity Level	Material	Fabric	Thickness
	Reinforced Flex Sleeve	RFX	2, 3, 4	OptiGel™	Low Vertical Stretch	3mm

ALPS Pro-Fit Liner



The ALPS Pro-Fit Liner is designed for mid to high activity wearers and features OptiGel, a specialised gel that combines the comfort of gel with durability similar to silicone.

The gel has a low coefficient of friction and flows over bony prominences, reducing peak pressures, friction and shear forces. It adapts closely to the shape and contours of the residual limb, providing a comfortable, stable and durable interface for daily and high activity use.

The liner fabric has low vertical stretch, helping to minimise pistoning and improve prosthetic control. The locking version also incorporates an improved distal matrix, designed to enhance suspension and liner durability.

The Pro-Fit liner is available in 3mm and 6mm thickness.



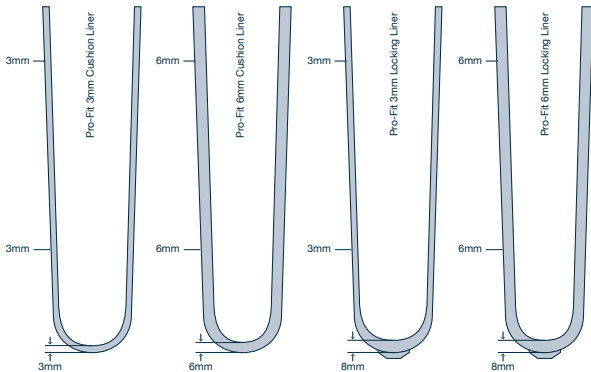
Key Benefits

- ✓ Suitable for trans-tibial and trans-femoral wearers
- ✓ OptiGel combines the softness of TPE with the durability of silicone
- ✓ Gel flows naturally over bony prominences reducing pressure, friction and shear
- ✓ Low vertical stretch fabric helps minimise pistoning and improves prosthetic control
- ✓ Reinforced distal matrix (locking version)

Cross Section, Sizing Chart and Part Numbers

Measure the circumference of the residual limb at 6cm above the distal end.

Measured Size (cm)	Cushion 3mm	Cushion 6mm	Locking 3mm	Locking 6mm
16-19cm	PFGFR16-3	PFGFR16-6	PFGDT16-3	PFGDT16-6
20-23cm	PFGFR20-3	PFGFR20-6	PFGDT20-3	PFGDT20-6
24-25cm	PFGFR24-3	PFGFR24-6	PFGDT24-3	PFGDT24-6
26-27cm	PFGFR26-3	PFGFR26-6	PFGDT26-3	PFGDT26-6
28-31cm	PFGFR28-3	PFGFR28-6	PFGDT28-3	PFGDT28-6
32-34cm	PFGFR32-3	PFGFR32-6	PFGDT32-3	PFGDT32-6
35-37cm	PFGFR35-3	PFGFR35-6	PFGDT35-3	PFGDT35-6
38-43cm	PFGFR38-3	PFGFR38-6	PFGDT38-3	PFGDT38-6
44-53cm	PFGFR44-3	PFGFR44-6	PFGDT44-3	PFGDT44-6



ALPS UltraSeal Gel Liner



The ALPS UltraSeal Gel liner range is suitable for low to high activity trans-tibial and trans-femoral wearers who require reliable suction suspension and extra comfort.

Each liner features an integrated sealing band that creates an airtight seal within the socket. The liners are made from OptiGel, a 3mm gel that flows over bony prominences, helping reduce peak pressure, friction, and shear forces. Combined with a durable fabric with minimal vertical stretch, the liner provides comfort while improving control during daily and higher-demand activities.

The sealing band is available in three heights: Ultra Low (8cm), Low (13cm) and High (18cm), allowing clinicians to optimise seal placement based on limb length and socket design.



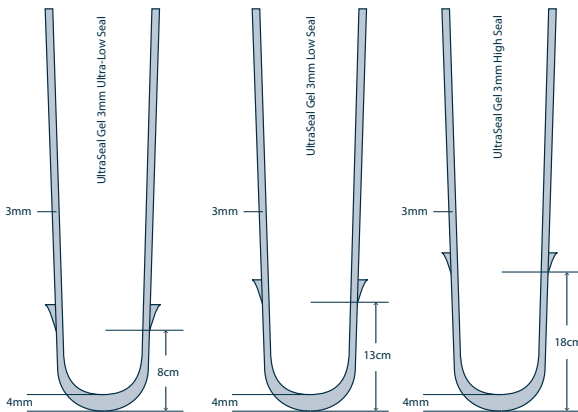
Key Benefits

- ✓ Suitable for trans-tibial and trans-femoral wearers
- ✓ OptiGel flows over bony prominences
- ✓ Durable fabric with minimal vertical stretch
- ✓ Available in three seal heights: Ultra Low, Low and High

Cross Section, Sizing Chart and Part Numbers

Measure the circumference of the residual limb at 6cm above the distal end.

Measured Size (cm)	Ultra Low Sealing 3mm	Low Ring Sealing 3mm	High Ring Sealing 3mm
20-23cm	USUGC20-3	USLGC20-3	USHGC20-3
24-25cm	USUGC24-3	USLGC24-3	USHGC24-3
26-27cm	USUGC26-3	USLGC26-3	USHGC26-3
28-31cm	USUGC28-3	USLGC28-3	USHGC28-3
32-34cm	USUGC32-3	USLGC32-3	USHGC32-3
35-37cm	USUGC35-3	USLGC35-3	USHGC35-3
38-43cm	USUGC38-3	USLGC38-3	USHGC38-3
44-47cm	USUGC44-3	USLGC44-3	USHGC44-3



ALPS UltraSeal Gel Liner - Dual



The ALPS UltraSeal Gel Dual suspension liner range is suitable for low to high activity trans-tibial and trans-femoral wearers who require enhanced suspension and extra comfort.

Each liner features an integrated sealing band that creates an airtight seal within the socket, together with a pin lock attachment and reinforced distal matrix for dual suspension security.

The liners are made from OptiGel, a 3mm gel that flows over bony prominences, helping reduce peak pressure, friction, and shear forces. Combined with a durable fabric with minimal vertical stretch, the liner provides comfort while improving control during daily and higher-demand activities.

The sealing band is available in three heights: Ultra Low (8cm), Low (13cm) and High (18cm), allowing clinicians to optimise seal placement based on limb length and socket design.



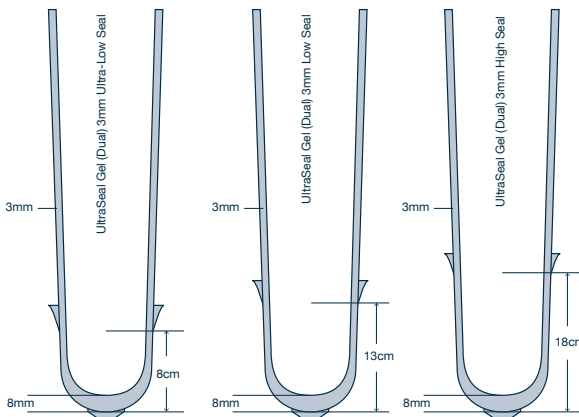
Key Benefits

- ✓ Suitable for trans-tibial and trans-femoral wearers
- ✓ OptiGel flows over bony prominences
- ✓ Durable fabric with minimal vertical stretch
- ✓ Combines suction and locking suspension
- ✓ Available in three seal heights - Ultra Low, Low and High

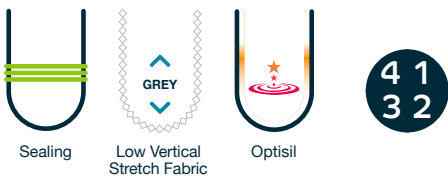
Cross Section, Sizing Chart and Part Numbers

Measure the circumference of the residual limb at 6cm above the distal end.

Measured Size (cm)	Ultra Low Dual 3mm	Low Ring Dual 3mm	High Ring Dual 3mm
20-23cm	USUGL20-3	USLGL20-3	USHGL20-3
24-25cm	USUGL24-3	USLGL24-3	USHGL24-3
26-27cm	USUGL26-3	USLGL26-3	USHGL26-3
28-31cm	USUGL28-3	USLGL28-3	USHGL28-3
32-34cm	USUGL32-3	USLGL32-3	USHGL32-3
35-37cm	USUGL35-3	USLGL35-3	USHGL35-3
38-43cm	USUGL38-3	USLGL38-3	USHGL38-3
44-47cm	USUGL44-3	USLGL44-3	USHGL44-3



ALPS UltraSeal Silicone Liner



The ALPS UltraSeal Silicone liner range is suitable for low to high activity trans-tibial and trans-femoral wearers who require reliable suction suspension.

Each liner features an integrated sealing band that creates an airtight seal within the socket. The liners are made from OptiSil, a 2mm silicone that conforms to the residual limb and offers up to 80% less friction than conventional silicone. Combined with a durable fabric with minimal vertical stretch, the liner delivers excellent durability and control during daily and higher-demand activities.

The sealing band is available in three heights - Ultra Low (8cm), Low (13cm) and High (18cm), allowing clinicians to optimise seal placement based on limb length and socket design.

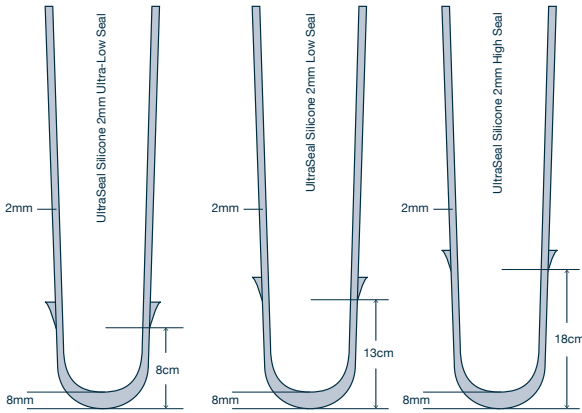
Key Benefits

- ✓ Suitable for trans-tibial and trans-femoral wearers
- ✓ OptiSil silicone offers up to 80% less friction
- ✓ Durable fabric with minimal vertical stretch
- ✓ Available in three seal heights: Ultra Low, Low and High

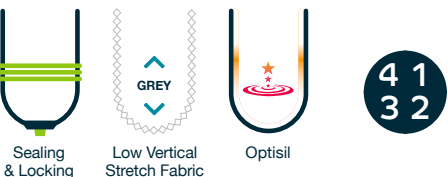
Cross Section, Sizing Chart and Part Numbers

Measure the circumference of the residual limb at 6cm above the distal end.

Measured Size (cm)	Ultra Low Sealing 2mm	Low Ring Sealing 2mm	High Ring Sealing 2mm
20-21cm	USUSC20	USLSC20	USHSC20
22-23cm	USUSC22	USLSC22	USHSC22
24-25cm	USUSC24	USLSC24	USHSC24
26-27cm	USUSC26	USLSC26	USHSC26
28-29cm	USUSC28	USLSC28	USHSC28
30-31cm	USUSC30	USLSC30	USHSC30
32-34cm	USUSC32	USLSC32	USHSC32
35-37cm	USUSC35	USLSC35	USHSC35
38-40cm	USUSC38	USLSC38	USHSC38
41-43cm	USUSC41	USLSC41	USHSC41
44-47cm	USUSC44	USLSC44	USHSC44



ALPS UltraSeal Silicone Liner - Dual



The ALPS UltraSeal Silicone Dual suspension liner range is suitable for low to high activity trans-tibial and trans-femoral wearers who require enhanced suspension.

Each liner features an integrated sealing band that creates an airtight seal within the socket, together with a pin lock attachment and reinforced distal matrix for dual suspension security.

The liners are made from OptiSil, a 2mm silicone that conforms to the residual limb and offers up to 80% less friction than conventional silicone. Combined with a durable fabric with minimal vertical stretch, the liner delivers excellent durability and control during daily and higher-demand activities.

The sealing band is available in three heights: Ultra Low (8cm), Low (13cm) and High (18cm), allowing clinicians to optimise seal placement based on limb length and socket design.

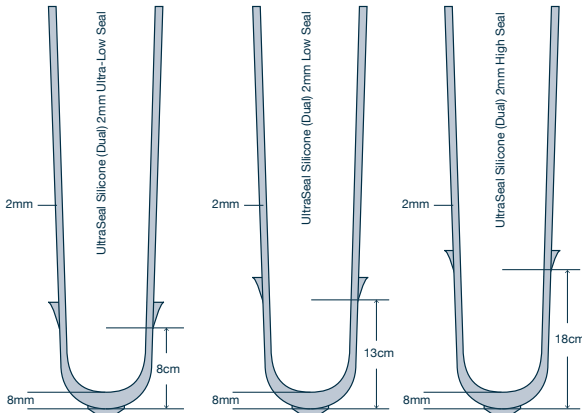
Key Benefits

- ✓ Suitable for trans-tibial and trans-femoral wearers
- ✓ OptiSil silicone offers up to 80% less friction
- ✓ Durable fabric with minimal vertical stretch
- ✓ Combines suction and locking suspension
- ✓ Available in three seal heights: Ultra Low, Low and High

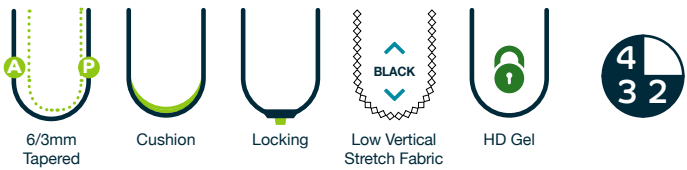
Cross Section, Sizing Chart and Part Numbers

Measure the circumference of the residual limb at 6cm above the distal end.

Measured Size (cm)	Ultra Low Dual 2mm	Low Ring Dual 2mm	High Ring Dual 2mm
20-21cm	USUSL20	USLSL20	USHSL20
22-23cm	USUSL22	USLSL22	USHSL22
24-25cm	USUSL24	USLSL24	USHSL24
26-27cm	USUSL26	USLSL26	USHSL26
28-29cm	USUSL28	USLSL28	USHSL28
30-31cm	USUSL30	USLSL30	USHSL30
32-34cm	USUSL32	USLSL32	USHSL32
35-37cm	USUSL35	USLSL35	USHSL35
38-40cm	USUSL38	USLSL38	USHSL38
41-43cm	USUSL41	USLSL41	USHSL41
44-47cm	USUSL44	USLSL44	USHSL44



ALPS Anterior Posterior Tapered Liner



The ALPS Anterior Posterior Tapered Liner is designed specifically for mid to high activity level transtibial wearers. Constructed of a High-density (HD) gel and a low-stretch fabric, it features a profile that's gradually tapered from anterior to posterior. The 6 mm anterior wall protects sensitive anterior bony structures while the 3mm posterior wall allows greater freedom of movement behind the knee.

By combining HD gel with a fabric that limits vertical stretch, the liner minimises soft tissue movement and reduces pistoning within the socket, helping deliver a high level of prosthetic control for active wearers.

Key Benefits

- ✓ Suitable for trans-tibial wearers
- ✓ HD gel provides soft tissue control and helps absorb forces
- ✓ Low vertical stretch fabric provides improved suspension and control
- ✓ 6mm anterior wall thickness protects sensitive bony areas
- ✓ 3mm posterior wall allows easier knee flexion
- ✓ Reinforced distal matrix (locking version)

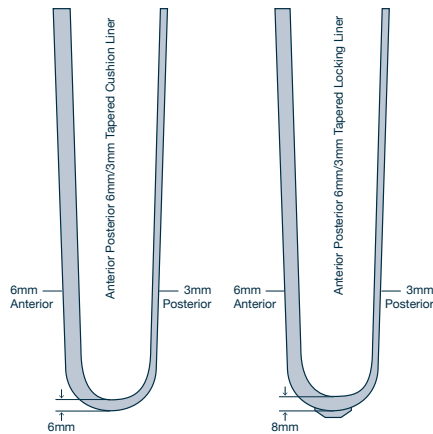
Cross Section, Sizing Chart and Part Numbers

Measure the circumference of the residual limb at 6cm above the distal end.

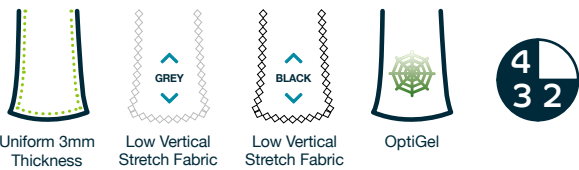
Measured Size (cm)	Cushion	Locking
20-23cm	APFR20-TP	APDT20-TP
24-25cm	APFR24-TP	APDT24-TP
26-27cm	APFR26-TP	APDT26-TP
28-31cm	APFR28-TP	APDT28-TP
32-37cm	APFR32-TP	APDT32-TP



Cushion Locking



ALPS Reinforced Flex Sleeve (RFX)



The ALPS Reinforced Flex (RFX) Sleeve is designed for mid to high activity wearers who require a durable and reliable suspension solution during demanding daily use.

The sleeve is constructed with OptiGel with an additional internal reinforcement layer around the knee. This targeted reinforcement helps protect the sleeve from wear caused by socket edges, a common point of failure in standard sleeves, improving durability and extending product lifespan.

A 30° pre-flexion design reduces bunching behind the knee during flexion, enhancing comfort and allowing more natural movement throughout the gait cycle. OptiGel provides a secure, stable connection with the skin, supporting consistent suspension and improved prosthetic control.

Available in grey or black fabric options with a 3mm gel thickness, the RFX Sleeve offers a strong balance of durability, comfort, and performance for active wearers.

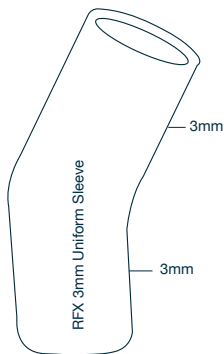
Key Benefits

- ✓ Reinforced internal layer around the knee protects against wear from socket edges, improving durability and lifespan
- ✓ Designed for mid to high activity wearers with higher functional demands
- ✓ 30° pre-flexion design reduces bunching and improves comfort during knee flexion
- ✓ OptiGel provides a secure, stable interface, supporting reliable suspension and control
- ✓ Premium fabric construction enhances strength while maintaining comfort
- ✓ Helps maintain consistent suspension during demanding daily activities

Cross Section, Sizing Chart and Part Numbers

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

Measured Size (cm)	3mm Uniform Grey Fabric	3mm Uniform Black Fabric
34-37cm	RFX20-3G	RFX20-3BL
36-39cm	RFX23-3G	RFX23-3BL
38-42cm	RFX26-3G	RFX26-3BL
41-46cm	RFX29-3G	RFX29-3BL
45-50cm	RFX32-3G	RFX32-3BL



ALPS VIP® – Vacuum Integrated Pump

The ALPS VIP® (Vacuum Integrated Pump) is a simple elevated vacuum system designed for wearers that require improved suspension stability and more consistent socket fit i.e. patients experiencing volume fluctuations.

The compact pump is integrated into the distal end of the socket and with each step, air is expelled to generate negative pressure within the socket. The pump is available in two vacuum levels: Low Vacuum (Green) and High Vacuum (Red).

The system is battery-free, lightweight, easy to install and offers an effective elevated vacuum solution without added complexity or external components.

Key Benefits

- ✓ Provides a simple elevated vacuum suspension system
- ✓ Helps manage volume fluctuations
- ✓ Distal integrated pump activates with gait
- ✓ Battery-free and lightweight design for easy, low-maintenance use



Low Vacuum (Green)
5-8 in of mercury

The Green VIP® gives a comfortable vacuum for increased stability during daily activities.



High Vacuum (Red)
10-13 in of mercury

Maximum stability with the higher vacuum Red VIP®, ideal for patients who want the most secure vacuum throughout the day.

Build your order:

	If using a 4 HOLE Pyramid Adaptor	If using a PRONG Pyramid Adaptor
Mounting Plate	VE819-P	Not Required
Dummy Type	VE319-D (Standard Dummy)	VE319-SD (Small Dummy)
Green VIP®	VIP-DL	
Red VIP®	VIP-DH	
Casting and Building Directions		

Optional Additional Parts

Part #	Part Description	Contents	Function
LMV-009	Mini Valve Kit	Mini valve plus valve dummy	Can be used under the red VIP® to provide additional suction holding the VIP® to the socket
MV-009	Mini Valve	Mini valve only	



ALPS Skin Relievers

The ALPS Skin Relievers are designed for wearers seeking additional residual limb protection, either alongside or as an alternative to existing liner or sock systems. They are suitable for a wide range of wearers, particularly those with sensitive, fragile, or bony residual limbs or experiencing volume fluctuations.

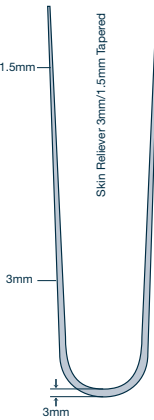
The relievers conform closely to irregular limb shapes, providing a soft interface that helps reduce friction, abrasion, and shear forces during daily use. Their highly elastic construction allows them to accommodate changes in limb volume while maintaining a comfortable fit under silicone, gel, or pelite systems.

A tapered design helps reduce popliteal bunching, improving comfort during knee flexion. The material is enriched with antioxidants to support skin health in wearers with delicate skin.

Key Benefits

- ✓ Provides additional protection for sensitive or fragile residual limbs
- ✓ Helps reduce friction, abrasion, and shear forces during daily activity
- ✓ Highly elastic design accommodates volume fluctuations and irregular limb shapes
- ✓ Can be used to compensate for volume loss or replace socks/pelite systems
- ✓ Tapered design helps reduce popliteal bunching for improved comfort
- ✓ Enriched with antioxidants to support skin health and protection

Measured Size (cm)	ENCP 3/1.5mm tapered part #
10-19 cm	ENCP-16
20-27 cm	ENCP-20
28-37 cm	ENCP-28



ALPS PadSil Silicone Distal Pads - PDS

The ALPS PadSil Silicone Distal Pads (PDS) provide cushioning and protection at the distal end of the residual limb, helping improve comfort and load distribution within the socket.

Made from soft medical-grade silicone, they are durable, maintain their shape over time and are easily modified, allowing clinicians to adjust the shape to suit individual needs.



Key Benefits

- ✓ Provides distal end protection and cushioning
- ✓ Made from soft, durable medical-grade silicone
- ✓ Helps improve load distribution
- ✓ Can be modified for individual clinical requirements

Measured Size (cm) (taken 6cm from the distal end)	Padsil
14-19cm	PDS-18
20-23cm	PDS-22
24-27cm	PDS-26
28-31cm	PDS-30
32-35cm	PDS-34

ALPS 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.



Part numbers:
SL108 (4oz/110ml)
SL108-32 (32oz/900ml)

ALPS Prosthetic Lubricant

ALPS Prosthetic Lubricant is used to help don the prosthetic socket when using an UltraSeal liner. Spray the internal surface of the socket and the ring area with the lubricant for ease of donning.

Active Ingredients:
Silicone, 70%
isopropyl alcohol.



Part number:
PA604 (16oz/450ml)

ALPS 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.

Recommended for use with silicone or TPE gel.



Part number:
PD595 (3.5oz/100ml)

Valves and Accessories

Aria Valve Plus CA200-AVPM
Compact auto-expulsion valve.
929074



Threaded housing - metric for Aria Valve
Spare replacement cap for Aria Valve.
S-0000466



VAC Barb 90 DEG 10-32 UNF to 1/8 ID BARB
90 degree socket connector.
929055



One-way check valve
929054



In-line filter
929051



M10 Lock Rod Assembly
109308



1/4" UNC Lock Rod Assembly
109408

Aria Hybrid Valve
Compact auto-expulsion valve with connector for vacuum system.
929062



Vacuum tubing 1m length
905464



Aria AK Valve
Auto-expulsion valve.
S-0000463



Aria AK Valve
Mini auto-expulsion valve with maintained without holding button valve release.
S-0000464





Global Warranty Statement

Blatchford Group warrants its products for a period of time against defects in Blatchford material and workmanship (“Manufacturing Defect”). The warranty period applies from the date of the first shipment of the Product to you (the “Original Shipment Date”), unless otherwise specified.

In the event that a Manufacturing Defect is discovered during the warranty period, Blatchford will, at its discretion, repair or replace the affected part or device. If repair is not possible, Blatchford will replace it with another of equivalent function. If this is not possible, Blatchford will refund the purchase price associated with the Manufacturing Defect. Depending on the circumstances and at the discretion of Blatchford, this might be a refund of a specific part of, or the whole device. The warranty of the repaired or replaced part is limited to the remaining warranty period from the Original Shipment Date.

To the extent permitted by local law, the warranty coverage is limited to an amount equivalent to the cost of the original failed part (or where applicable, device) and excludes all associated or related costs. For the sake of clarity, the phrase “all associated or related costs” includes but is not limited to associated parts, assembly and disassembly costs, transport costs, travel and handling costs and any form of compensation.

The warranty does not cover issues arising from misuse, accidental damage, neglect, wear and tear, unapproved component modifications, incorrect assembly and unless otherwise specified, immersion in water.

Specific limitation of use as detailed in the documentation supplied with the product (Instructions for Use) must be complied with. This warranty does not cover products that are modified to meet the needs of the customer where such modifications may adversely affect the lifespan of the item.

Blatchford makes no other express warranty or condition, whether written or oral. To the extent allowed by local law, any implied warranty or condition of merchantability, satisfactory quality, or fitness for a particular purpose is hereby disclaimed. Some countries/regions, states, or provinces do not allow limitations on the duration of an implied warranty, so the above disclaimer may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from country/region to country/region, state to state, or province to province.

To the extent allowed by local law, the remedies in this warranty statement are your sole and exclusive remedies. except as indicated above, in no event will Blatchford or its suppliers be liable for direct, special, incidental, consequential, or other damage, whether based in contract, tort, or otherwise. Some countries/regions, states, and provinces do not allow the exclusion of certain damages, in which case to the extent prohibited, the above limitations and exclusions may not apply to you.

If the product comes with a Warranty Registration Form then this must be completed and returned to the company for the warranty to be effective.

Where requested by Blatchford, a Warranty Claim Form must be fully completed and supplied with the affected part to qualify for warranty.

To make a claim under product warranty, please contact our Customer Services department.

Please be aware our Warranty Statement is subject to change - in all cases our current Warranty Statement is published on our website.

See Blatchford website for current full warranty statement.
Warranty periods commence from the original date of shipment unless otherwise stated.
Note: Any warranty on repaired or replaced items is governed by the original date as the remaining warranty period from the original purchase must be maintained.

Warranty Listing

ALPS Liners	12 months
ALPS Sleeves	3 months
ALPS VIP® Vacuum Pump	6 months

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