



Socket Technology Catalogue

Iss1.1

Blatchford

Corporate 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 users.

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.

Socket Technology

Blatchford have compiled a socket technology portfolio to compliment their world class lower limb prosthetic solutions through both innovative product development and carefully selected partner offerings to serve a diverse range of patient needs.











This catalogue will introduce you to Blatchford's socket technology 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
Breathable		Patented laser-drilled perforations that allow air to circulate and moisture to escape, resulting in a drier residual limb existing in a healthier environment for skin. The absence of excessive sweat reduces friction from movement and improves security.	<ul style="list-style-type: none"> ✓ Sweat reduction. ✓ Drier, healthier, skin environment.
Locking		Secure, firm, suspension method using pin or lanyard. Usually incorporating a distal umbrella allowing comfortable contouring to residual limb and a stabilising fabric matrix.	<ul style="list-style-type: none"> ✓ Secure. ✓ Easiest knee flexion.
Cushion		Stabilises soft tissue, accomodates more irregular distal shapes and distributes pressure for protection and comfort. Used in combination with a suspension sleeve.	<ul style="list-style-type: none"> ✓ Even pressure distribution.
Sealing		Allows a non-constrictive hypobaric suspension of the residual limb. The raised bands stretch to grip the socket wall forming a secure interface and preventing the liner from slipping.	<ul style="list-style-type: none"> ✓ Compact solution for longer limbs.
Uniform		Consistent structure throughout whole liner surface.	<ul style="list-style-type: none"> ✓ Consistent slimline fit.
AP Tapered		Designed to reduce bunching in the popliteal region during flexion. A thinner posterior combined with a thicker anterior maintains a high level of protection for bony areas. whilst promoting freedom of movement.	<ul style="list-style-type: none"> ✓ Promotes ease of flexion without compromising anterior protection.
Tapered		Additional protection and cushioning from increased circumferential thickness at the distal end whilst benefiting from a uniform slimline thickness throughout the rest of the liner.	<ul style="list-style-type: none"> ✓ Additional circumferential distal protection.
Sleeve		Used to create a seal between the residual limb and socket. This allows for the secure proximal suspension of the prosthetic leg in combination with a cushion liner.	<ul style="list-style-type: none"> ✓ Provides uniform suspension.
Pre-flexed sleeve		Used to create a seal between the residual limb and socket. The sleeve is pre-flexed to reduce the effort required to bend the knee whilst minimising the bunching of sleeve material behind the knee.	<ul style="list-style-type: none"> ✓ Facilitated knee flexion. ✓ No bunching in popliteal region.
Valve suspension sleeve		A one-way valve is built into the sleeve to evacuate air, maintaining a secure suspension as the patient moves throughout the day.	<ul style="list-style-type: none"> ✓ Additional vacuum support.

Material Descriptions


Silicones

Softest  Hardest	Silcare Walk		Increased comfort and flexibility during gentle activity. 2x more circumferential and 3x more longitudinal stretch compared to Silcare Active.
	Orliman Soft		Soft, smooth, flexible silicone designed for extra cushioning.
	Silcare Active		Firm silicone, excellent at controlling soft tissue for patients of a higher activity level.



Gels

Softest  Hardest	EasyGel		Rich in anti-oxidants, extremely soft, non-tacky and stretchy. Best suited for users with adherent scar tissue, skin irritations, sensitive skin and diabetes.
	GripGel		Soft and stretchy, this tacky gel gives patients with healthy skin a secure feeling of adhesion.
	OptiGel		Soft, smooth, and strong, OptiGel adapts expertly to the residual limb whilst displaying the control and stability expected of a firmer gel.
	HD Gel		Dense and firm, controls tissue giving the patient a feeling of stability whilst remaining stretchy and comfortable for higher activity patients.





Blatchford Fabric Technology

Seamless knitted technology provides bi-directional stretch for increased comfort and reduced shear force on the knee during flexion. Uni-directional stretch matrix at distal end of locking liner reduces pistoning.	
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Liner Exterior

High quality fabric with incorporated matrix offering flexibility with distal support.	
No fabric cover. Exposed silicone or gel.	

ALPS Fabric Technology

100% Stretch	ALPS Beige Fabric – vertical and horizontal stretch for maximum comfort.	
20% Stretch	ALPS Brown Fabric – vertical stretch reduced by 80% compared to beige fabric for increased control.	
10% Stretch	ALPS Grey Fabric – Highly reduced vertical stretch for increased control, comparable to the black fabric.	
10% Stretch	ALPS Black Fabric – vertical stretch reduced by 90% compared to beige fabric for maximum control.	

Liner Selection - Transtibial

Skin Reliever

		Skin Reliever
Bony		✓
Redundant tissue		✓
Scarred		✓
Conical		✓
Sweat management		✗
Length	Short	✓
	Medium	✓
	Long	✓
Vol fluctuations		✓
Diabetic/sensitive		✓

Key to Symbols

- ✓ Suitable
- ✗ Not suitable
- ! Use with careful consideration

Transtibial Liners

		LOW ACTIVITY									HIGH ACTIVITY					
		ALPS Easyliner Super Stretch	ALPS Easyliner	ALPS EZ Flex	ALPS GP	Silcare Walk	Silcare Breathe Walk	ALPS Extreme	ALPS Eco	Orliman Soft	ALPS Gel Superior Performance	ALPS Pro-Fit	ALPS Gel Superior Performance High Density	ALPS AP Tapered	Silcare Active	Silcare Breathe Active
Activity Level																
Locking																
Cushion																
Bony																
Redundant tissue																
Scarred																
Conical																
Sweat management																
Length	Short															
	Medium															
	Long															
Vol fluctuations																
Diabetic/ sensitive																

*Only cushion Silcare liners appropriate for short limbs.

Transtibial Sealing Style Liner

		ALPS Smart Seal
Activity Level		<div> <div>4</div> <div>1</div> <div>3</div> <div>2</div> </div>
Bony		✓
Redundant tissue		✓
Scarred		✓
Conical		✓
Sweat management		✗
Length	Short	✗
	Medium	✓
	Long	✓
Vol fluctuations		✓
Diabetic/sensitive		✓
Open wound		✗

The seals must be contained within the posterior trimline.

Liner Selection - **Transfemoral**

Transfemoral Liners

		← LOW ACTIVITY →		← HIGH ACTIVITY →	
		ALPS Extreme	ALPS Eco	ALPS Gel Superior Performance	ALPS Gel Superior Performance High Density
Activity Level		<div> <div>1</div> <div>3</div> <div>2</div> </div>	<div> <div>4</div> <div>3</div> <div>2</div> </div>	<div> <div>1</div> <div>3</div> <div>2</div> </div>	<div> <div>1</div> <div>3</div> <div>2</div> </div>
Locking		✓	✓	✓	✓
Cushion		✓	✓	✓	✓
Bony		✓	✓	✓	✓
Redundant tissue		✓	✓	✓	✓
Scarred		✗	✓	✗	✓
Conical		✓	✓	✗	✗
Sweat management		✗	✗	✗	✗
Length	Short	✓	!	✓	✓
	Medium	✓	✓	✓	✓
	Long	✓	!	✓	✓
Vol fluctuations		!	!	!	!
Diabetic/sensitive		✗	✓	✗	✓
Open wound		✗	✗	✗	✗

Sleeve Selection

	SOFT & STRETCHY ← → FIRM & SUPPORTIVE											
	ALPS Easy-Sleeve Super-Stretch	ALPS Easy-Sleeve	ALPS VIVA	EasySleeve Fabric Reinforced	ALPS Extreme	ALPS Superior Suspension	ALPS Superior Performance	ALPS Reinforced Flex*	ALPS Flex Sleeve Beige/ Black	ALPS Superior Performance	ALPS Superior Suspension	Blatchford TT Neoprene Sleeve
Code	SLE	SFR	VIVA	SFS	SFK	SFB	SFP	RFX*	SFX	SFPHD	SFBHD	02907
Activity Level												
Accommodates obscure limb shapes												
Popliteal bunching avoidance												
Ease of 90degree bending/relaxed positioning												
Perceived security/suspension												
Suspension function												
Slimline/Minimal Temperature Increase												
Diabetic/Sensitive/Delicate Skin												

*Product to be launched later in 2024

Prescription Recommendations

Patient Presentation	Proposed Product
Over-heating, excessive sweating and skin issues exacerbated by moisture/relative motion at skin-liner interface.	Silcare Breathe™ liners (pages 12-14).
Insufficient vacuum or suspension fails over time.	VIP® vacuum pump (page 38), VIVA sleeve (page 33).
Comfort or movement prevented by bunching in popliteal region.	Pre-flexed sleeves (page 31), 2mm sleeves (page 32), AP Tapered liner (page 28).
Issues with residual limb rotating in socket, lack of stability and unwanted pressures.	Smart Seal™ Liner (page 26). Assess socket fit.
Bony prominences causing pressure sores.	ALPS Gel liners (pages 19-28) and sleeves (pages 31-37).
Pressure sores in certain areas.	EasyGel liners (pages 19-21), Skin Relievers (page 18). Assess socket fit.
Unable to accommodate significant volume fluctuations.	Elevated vacuum products. Assess residual limb for suitability to elevated vacuum products.

Activity Levels



Prescription Activity Level Guide



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.



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.



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.



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.

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

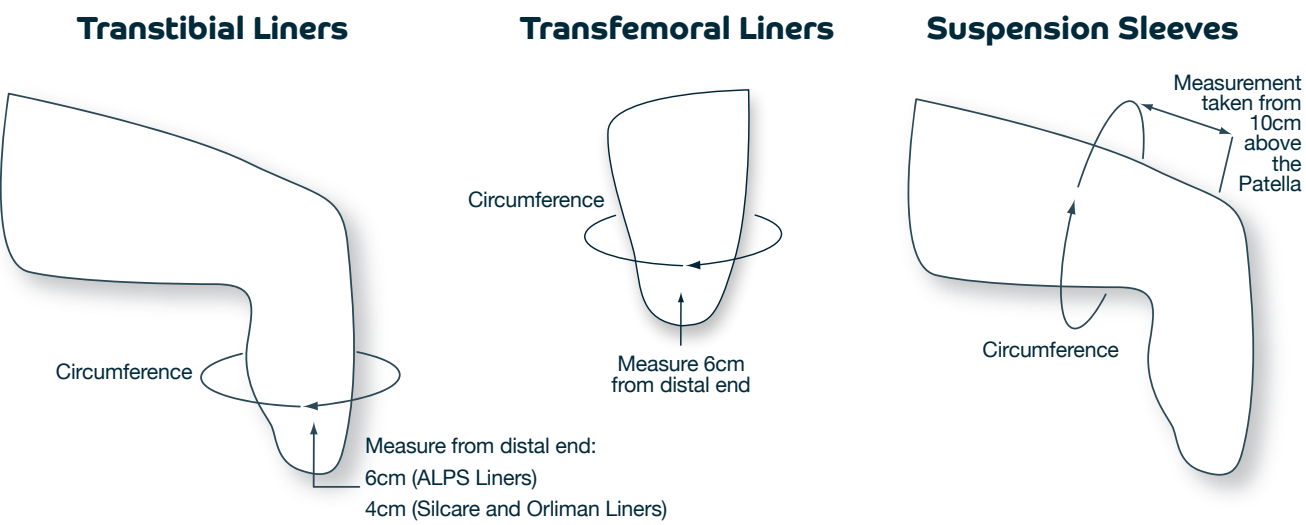
Notes

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

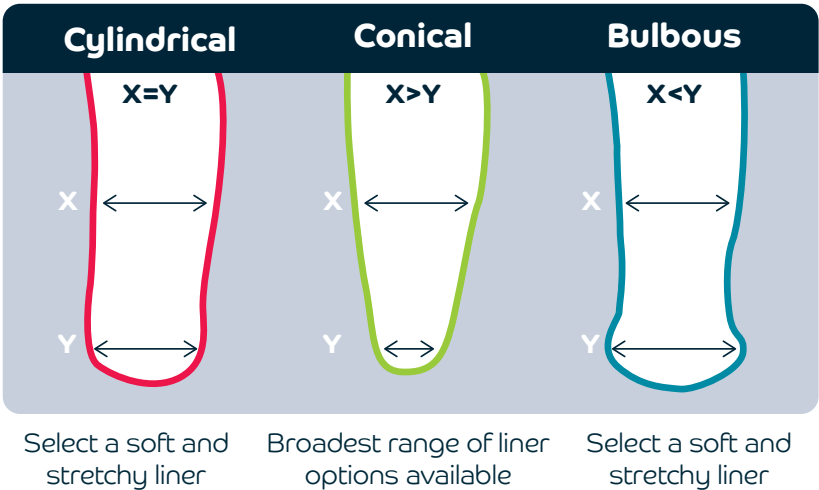
- Step 1.** The patient should position themselves safely and comfortably with the residual limb pointing towards the floor so residual tissue is hanging downwards.
- Step 2.** Using the below limb, product and brand guidelines, determine where the measurements should be taken.



- 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
Unsuitable	Unsuitable for TT/TF typical limb solution.
Short	Smart-Seal solution 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

1. Invert the device so that the silicone/gel side points externally.
2. Clean the silicone/gel and the distal cap with a solution of water and unperfumed, pH balanced soap.
3. Rinse the liner or sleeve with clean water to remove all residues.
- 4.1 Invert the device so that its silicone/gel side points internally.
- 4.2 For Silcare Breathe™ locking liners only, once a week clean the valve and carefully clean the distal cap.
- 4.3 For Silcare Breathe™ liners only, at least once a week: Fill the device with warm water while both holding the proximal end closed and squeezing the distal end to flush the water through the perforations.
5. 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.

Video guidance
for cleaning
Silcare Breathe™
liners:



Cleaning the Residual Limb

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

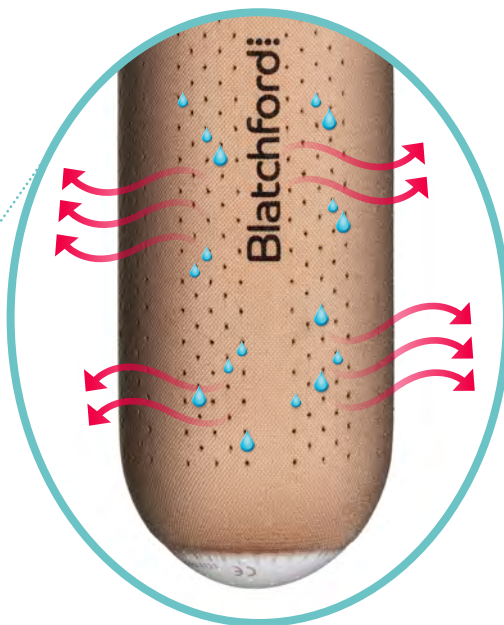
- ⚠ Users should be encouraged to report any deterioration in residual limb condition to their practitioner promptly.**
 - 1. Clean the skin daily with an unperfumed, pH balanced soap.
 - 2. Rinse the skin with clean water to remove all residues.
 - 3. Dry residual limb.
 - 4. If recommended by a clinician, 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.**

Spotlight: Silcare Breathe™

Blatchford's patented¹ technology of Silcare Breathe™ works by letting the air and perspiration trapped between the liner and skin escape through specially designed perforations in the medical-grade silicone as the user walks.

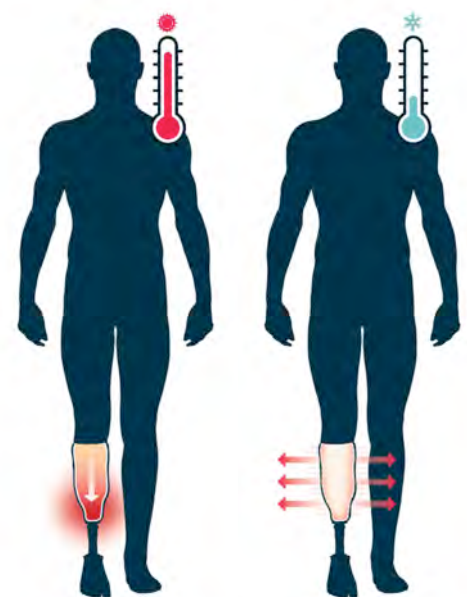
The resulting drier limb^{2,3,4} benefits the patient by:

- ✓ Reducing moisture-induced motion and friction to achieve a secure fit for longer. This reduces the need to remove the prosthesis throughout the day⁴, allowing users to take on more activities.
- ✓ Prevents damage to the residual limb by reducing moisture-induced motion and chafing.
- ✓ Prevents skin damage caused by damp skin³.
- ✓ Improving health by enabling increased comfortable movement under a healthier residual limb environment.



Sweat from the residual limb can escape via the perforations of the Silcare Breathe™ liner, removing hot air and moisture from the skin to keep the user drier for longer.

Silcare Breathe™ liners allow air and perspiration to escape, unlike most traditional liners that might trap moisture at the skin-liner interface.



Non-Silcare Liner

Silcare Liner

References:

1. UK patent application# 1616241.4, grant# GB2554391. EU patent application# 17777365.2. US patent application# 16/335768, grant# 11103370.
2. McGrath M, McCarthy J, Gallego A, et al. The influence of perforated prosthetic liners on residual limb wound healing: a case report. Can Prosthet Orthot J 2019; 2(1).
3. Davies KC, McGrath M, Stenson A, Savage Z, Moser D, Zahedi S. Using perforated liners to combat the detrimental effects of excessive sweating in lower limb prosthesis users. Can Prosthet Orthot J. 2020;3(2).
4. Caldwell R, Fatone S. Technique for perforating a prosthetic liner to expel sweat. JPO J Prosthet Orthot 2017; 29: 145-147.

Blatchford Silcare Breathe™ Active

4
3

Uniform

Breathe

Cushion

Locking

Engineered
Fabric Design

Silcare Active
Silicone

Ideal Patient:

Struggling for control where sweat causes rubbing or chafing relative movement.

Suffering from damp skin or chafing issues.

Sweat management solution.

Features

- Liners designed to keep skin dry, cool and healthy.
- Medical-grade silicone that's gentle on fragile skin.
- A firmer interface between skin and the prosthetic limb – great for active users.
- A secure, close but comfortable fit providing a confidence in stability during movement.
- Reduced need to remove liner to dry off during the day allowing for a more uninterrupted life.
- Moisture escapes via patented laser drilled perforations in the medical grade silicone, resulting in drier, healthier skin.
- Ground-breaking liner construction keeps skin drier for longer, helping maintain a secure fit for longer, improving comfort.
- Reduced moisture-caused relative motion increases comfort, prevents skin damage and promotes healing.
- Seamless bi-directional stretch knitted fabric technology improves contouring and reduces shear force on the knee to improve comfort and support.
- Integrated 10cm matrix has uni-directional stretch at distal end of locking liner to resist pistoning, whilst proximal bi-directional stretch facilitates easy knee flexion.
- Reduced shear stress on the skin due to the silky smooth Tendresse™ coating.

Two vertical, tan-colored prosthetic liners are shown side-by-side. The one on the left is labeled 'Cushion' and the one on the right is labeled 'Locking'. Both liners have a textured surface with small, evenly spaced perforations. The brand name 'Blatchford!' is printed vertically on each liner.

Measurement	Silcare Breathe™ Active Locking Liner	Silcare Breathe™ Active Cushion Liner
22.2 -23.5 cm	SBATTLP22	SBATTCP22
23.6 – 25 cm	SBATTLP23	SBATTCP23
25.1 – 26.5 cm	SBATTLP25	SBATTCP25
26.6 – 28 cm	SBATTLP26	SBATTCP26
28.1 – 30 cm	SBATTLP28	SBATTCP28
30.1 - 32 cm	SBATTLP30	SBATTCP30
32.1 – 34 cm	SBATTLP32	SBATTCP32
34.1 – 36 cm	SBATTLP34	SBATTCP34
36.1 – 40 cm	SBATTLP36	SBATTCP36
40.1 – 42 cm	SBATTLP40	SBATTCP40

All locking liners are supplied with their required valves and dummies.
Replacement liner parts can be ordered separately, please see page 41.

See page 43 for QR code links to casting assistance.

13

Blatchford **Silcare Breathe™ Walk**

1
3
2

Uniform

Breathe

Cushion

Locking

Engineered Fabric Design

Silcare Walk Silicone

Ideal Patient:

Struggling for control where sweat causes rubbing or chafing relative movement.

Suffering from damp skin or chafing issues.

Sweat management solution.

Features

- Liners designed to keep skin dry, cool and healthy.
- Medical-grade silicone that's gentle on fragile skin.
- Optimal comfort from a softer, more flexible silicone for low-moderately active users.
- Improved distal end cushioning.
- Reduced need to remove liner to dry off during the day allowing for a more uninterrupted life.
- Moisture escapes via patented laser drilled perforations in the medical grade silicone, resulting in drier, healthier skin.
- Ground-breaking liner construction keeps skin drier for longer, helping maintain a secure fit for longer, improving comfort.
- Reduced moisture-caused relative motion, increases comfort, prevents skin damage and promotes healing.
- Seamless bi-directional stretch knitted fabric technology improves contouring and reduces shear force on the knee to improve comfort and support.
- Integrated 10cm matrix has uni-directional stretch at distal end of locking liner to resist pistoning, whilst proximal bi-directional stretch facilitates easy knee flexion.
- Reduced shear stress on the skin due to the silky smooth Tendresse™ coating.

Two vertical, cylindrical medical liners are shown side-by-side. The one on the left is labeled 'Cushion' and the one on the right is labeled 'Locking'. Both are a light tan color with a fine, perforated texture. The brand name 'Blatchford' is printed vertically on each.

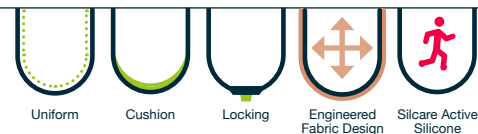
Measurement	Silcare Breathe™ Walk Locking Liner	Silcare Breathe™ Walk Cushion Liner
22.2 -23.5 cm	SBWTTLP22	SBWTTCP22
23.6 – 25 cm	SBWTTLP23	SBWTTCP23
25.1 – 26.5 cm	SBWTTLP25	SBWTTCP25
26.6 – 28 cm	SBWTTLP26	SBWTTCP26
28.1 – 30 cm	SBWTTLP28	SBWTTCP28
30.1 - 32 cm	SBWTTLP30	SBWTTCP30
32.1 – 34 cm	SBWTTLP32	SBWTTCP32
34.1 – 36 cm	SBWTTLP34	SBWTTCP34
36.1 – 40 cm	SBWTTLP36	SBWTTCP36
40.1 – 42 cm	SBWTTLP40	SBWTTCP40

All locking liners are supplied with their required valves and dummies.
Replacement liner parts can be ordered separately, please see page 41.

See page 43 for QR code links to casting assistance.

14

Blatchford Silcare™ Active



Ideal Patient:

Active users.
Wants to feel secure without limiting motion and flexibility.



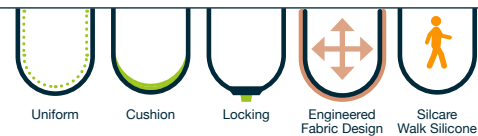
Features

- Medical-grade silicone that's gentle on fragile skin.
- A firmer interface between limb and medical-grade silicone liner – great for active users.
- A secure fit, providing a confidence in stability during movement.
- Seamless bi-directional stretch knitted fabric technology improves contouring and reduces shear force on the knee to improve comfort and support.
- Integrated 10cm matrix has uni-directional stretch at distal end of locking liner to resist pistoning, whilst proximal bi-directional stretch facilitates easy knee flexion.
- Reduced shear stress on the skin due to the silky smooth Tendresse™ coating.

Measurement	Silcare™ Active Locking Liner	Silcare™ Active Cushion Liner
22.2 -23.5 cm	SATTLP22	SATTCP22
23.6 – 25 cm	SATTLP23	SATTCP23
25.1 – 26.5 cm	SATTLP25	SATTCP25
26.6 – 28 cm	SATTLP26	SATTCP26
28.1 – 30 cm	SATTLP28	SATTCP28
30.1 - 32 cm	SATTLP30	SATTCP30
32.1 – 34 cm	SATTLP32	SATTCP32
34.1 – 36 cm	SATTLP34	SATTCP34
36.1 – 40 cm	SATTLP36	SATTCP36
40.1 – 42 cm	SATTLP40	SATTCP40



Blatchford Silcare™ Walk



Ideal Patient:

Fragile skin requiring a gentle, cushioning liner.
Wants to feel secure without limiting motion and flexibility.

Features

- Medical-grade silicone that's gentle on fragile skin.
- A gentle and comfortable solution for less active users who require both cushioning and support for daily activities.
- A secure, close but comfortable fit, providing a confidence in stability during movement.
- Seamless bi-directional stretch knitted fabric technology improves contouring and reduces shear force on the knee to improve comfort and support.
- Integrated 10cm matrix has uni-directional stretch at distal end of locking liner to resist pistoning, whilst proximal bi-directional stretch facilitates easy knee flexion.
- Reduced shear stress on the skin due to the silky smooth Tendresse™ coating.

Measurement	Silcare™ Walk Locking Liner	Silcare™ Walk Cushion Liner
22.2 -23.5 cm	SWTTLP22	SWTTCP22
23.6 – 25 cm	SWTTLP23	SWTTCP23
25.1 – 26.5 cm	SWTTLP25	SWTTCP25
26.6 – 28 cm	SWTTLP26	SWTTCP26
28.1 – 30 cm	SWTTLP28	SWTTCP28
30.1 - 32 cm	SWTTLP30	SWTTCP30
32.1 – 34 cm	SWTTLP32	SWTTCP32
34.1 – 36 cm	SWTTLP34	SWTTCP34
36.1 – 40 cm	SWTTLP36	SWTTCP36
40.1 – 42 cm	SWTTLP40	SWTTCP40



Orliman Silicone Liners

Orliman

1

3

2

Uniform

Locking

High quality knitted fabric

Orliman Soft Silicone

Ideal Patient:
Soft and stable for the everyday user.
Pressure relief for weaker skin.

Features

- Soft, smooth silicone designed for comfort and to care for the patient’s skin.
- Manufactured from high strength, easy to clean medical grade silicone.
- 10cm matrix to stabilise the distal soft tissues.
- Distal umbrella designed to distribute forces over the entire surface.
- High-strength, durable, circular knit fabric outer that absorbs friction from the socket.

Measurement	Orliman Soft Silicone TT Pin Liner
18cm	N/A
20cm	LI1001-20
22cm	LI1001-22
23.5cm	LI1001-23.5
25cm	LI1001-25
26.5cm	LI1001-26.5
28cm	LI1001-28
30cm	LI1001-30
32cm	LI1001-32
34cm	LI1001-34
36cm	LI1001-36
38cm	LI1001-38
40cm	LI1001-40



ALPS® Gel Liners and Sleeves

ALPS® TPE (thermoplastic elastomer) patented Gels have been developed to offer an optimum level of protection against shear forces, redistributing the Gel over peak pressure areas throughout the socket for outstanding comfort.

Durability and security are assured without compromising the maximum gentleness on the skin of the residual limb, acting as a second protective skin.

ALPS Skin Relievers

Ideal Patient:

Any patient looking for residual limb protection either in conjunction with or instead of their existing liner/sock set up.



Features

- Conforms to irregular shaped residual limbs.
- Prevents abrasion of residual limb skin by protecting against friction and shear forces.
- Suitable for most patients, the skin reliever can be used to compensate for volume loss underneath a sock, silicone, gel or pelite liner.
- Could be used as an alternative to pelite and/or socks.
- Highly accommodating of volume fluctuations and highly elastic to comfortably fit bony, fragile or sensitive residual limbs.
- Suitable for delicate skin.
- Tapered to reduce popliteal bunching.
- Enriched with antioxidants.

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 EasyLiner® SuperStretch

1

2

Uniform

Cushion

Locking

No fabric

EasyGel

Ideal Patient:

Patients with bony or unusual limb shapes.

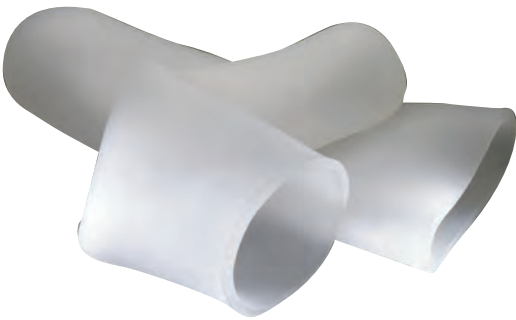
Diabetic.

Delicate/sensitive skin.

Wipe clean non-fabric external layer.

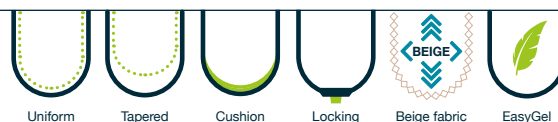
Features

- 6mm super-stretchy liner without any fabric cover.
- Conforms to irregularly shaped limbs without restricting blood flow to give complete freedom of movement.
- Soft, durable and highly elastic EasyGel relieves the skin of shear forces due to it's lower coefficient of friction
- EasyGel is recommended for diabetic patients and those with sensitive skin.
- Enriched with antioxidants.



Measured Size (cm)	EasyLiner® SuperStretch Cushion Liner 6mm
16-19 cm	ELPX16
20-23 cm	ELPX20
24-25 cm	ELPX24
26-27 cm	ELPX26
28-31 cm	ELPX28
32-37 cm	ELPX32
38-43 cm	ELPX38

4 1
3 2



Ideal Patient:

Patients with bony residual limbs.

Delicate/sensitive/scarred skin/diabetic.

Features

- Available as 3mm, 6mm or 6/3mm tapered, for both locking and cushioning options.
- 6mm tapered option provides additional cushioning at the distal end whilst keeping thickness to a 3mm minimum further up the liner to promote cooling and reduce bunching during knee flexion.
- Soft, durable and highly elastic EasyGel relieves the skin of shear forces due to its lower coefficient of friction.
- Conforms to irregularly shaped limbs without restricting blood flow to give complete freedom of movement.
- EasyGel is recommended for diabetic patients and those with sensitive skin.
- Easily donned by users with reduced strength or manual dexterity.
- High performance fabric with reinforced seams for increased durability.
- Enriched with antioxidants.
- Reinforced matrix.



Cushion

Locking

Measured Size (cm)	EasyLiner® Locking Liner				EasyLiner® Cushion Liner			
	REPLACE X WITH REQUIRED THICKNESS							
		3mm	6mm	6/3mm		3mm	6mm	6/3mm
16-19 cm	ELDT-16- X	3	6	6/3	ELFR16- X	3	6	6/3
20-23 cm	ELDT-20- X	3	6	6/3	ELFR20- X	3	6	6/3
24-25 cm	ELDT-24- X	3	6	6/3	ELFR24- X	3	6	6/3
26-27 cm	ELDT-26- X	3	6	6/3	ELFR26- X	3	6	6/3
28-31 cm	ELDT-28- X	3	6	6/3	ELFR28- X	3	6	6/3
32-37 cm	ELDT-32- X	3	6	6/3	ELFR32- X	3	6	6/3
38-43 cm	ELDT-38- X	3	6	6/3	ELFR38- X	3	6	6/3
44-53 cm	ELDT-44- X	3	6	6/3	ELFR44- X	3	6	6/3

ALPS EasyFlex™ Liner

1

2

Uniform

Locking

Brown fabric

Beige fabric

EasyGel

Ideal Patient:

Patients with bony residual limbs.

Delicate/sensitive/scarred skin/diabetic.

Suffering from popliteal bunching.

Features

- Makes sitting for longer periods more comfortable due to unlimited anterior stretch, combined with reduced popliteal bunching resulting from 80% less posterior vertical stretch.
- Soft, durable and highly elastic EasyGel relieves the skin of shear forces due to its lower coefficient of friction.
- Easily donned by users with reduced strength or manual dexterity due to the wider distal end proportionate to liner size.
- Conforms to irregularly shaped limbs without restricting blood flow to give complete freedom of movement.
- EasyGel is recommended for diabetic patients and those with sensitive skin.
- High performance fabric with reinforced seams for increased durability.
- Reinforced matrix.



Measured Size (cm)	EasyFlex™ Locking Liner		
	REPLACE X WITH REQUIRED THICKNESS		
		3mm	6mm
16-19 cm	EZF16-X	3	6
20-23 cm	EZF20-X	3	6
24-25 cm	EZF24-X	3	6
26-27 cm	EZF26-X	3	6
28-31 cm	EZF28-X	3	6
32-37 cm	EZF32-X	3	6
38-43 cm	EZF38-X	3	6
44-53 cm	EZF44-X	3	6

ALPS General Purpose Liner



Ideal Patient:

Patients with irregular shape or bony residual limbs.
Low activity levels.

Good skin condition.



Features

- GripGel provides superior adhesion to the residual limb resulting in greater control for patients with healthy skin.
- Comfortable, strong and highly elastic, GripGel delicately conforms to residual limb shape.
- Conforms to irregularly shaped limbs without restricting blood flow to give complete freedom of movement.
- High performance fabric with reinforced seams for increased durability.
- Reinforced matrix.

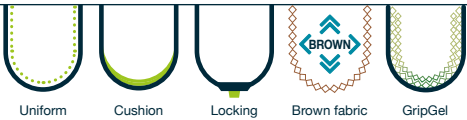
Measured Size (cm)	General Purpose Locking Liner	General Purpose Cushion Liner				
	REPLACE X WITH REQUIRED THICKNESS					
		3mm	6mm		3mm	6mm
16-19 cm	GPDT16- X	3	6	GPFR16- X	3	6
20-23 cm	GPDT20- X	3	6	GPFR20- X	3	6
24-25 cm	GPDT24- X	3	6	GPFR24- X	3	6
26-27 cm	GPDT26- X	3	6	GPFR26- X	3	6
28-31 cm	GPDT28- X	3	6	GPFR28- X	3	6
32-37 cm	GPDT32- X	3	6	GPFR32- X	3	6
38-43 cm	GPDT38- X	3	6	GPFR38- X	3	6
44-53 cm	GPDT44- X	3	6	GPFR44- X	3	6



Cushion

Locking

ALPS Extreme™ Liner



Ideal Patient:

Patients wanting a darker tone fabric.
Redundant tissue.



Features

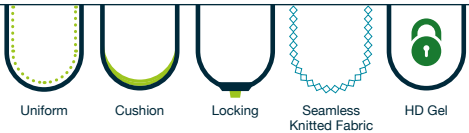
- GripGel provides superior adhesion to the residual limb resulting in greater control for patients with healthy skin.
- Movement of redundant tissue is reduced due to combination of GripGel with brown, limited vertical stretch fabric.
- Comfortable, strong and highly elastic GripGel delicately conforms to residual limb shape.
- Conforms to irregularly shaped limbs without restricting blood flow to give complete freedom of movement.
- High performance fabric with reinforced seams for increased durability.
- Suitable for both Transtibial and Transfemoral patients.
- Reinforced matrix.



Cushion Locking

Measured Size (cm)	Extreme™ Locking Liner			Extreme™ Cushion Liner		
	REPLACE X WITH REQUIRED THICKNESS					
		3mm	6mm		3mm	6mm
16-19 cm	AKDT16- X	3	6	AKFR16- X	3	6
20-23 cm	AKDT20- X	3	6	AKFR20- X	3	6
24-25 cm	AKDT24- X	3	6	AKFR24- X	3	6
26-27 cm	AKDT26- X	3	6	AKFR26- X	3	6
28-31 cm	AKDT28- X	3	6	AKFR28- X	3	6
32-37 cm	AKDT32- X	3	6	AKFR32- X	3	6
38-43 cm	AKDT38- X	3	6	AKFR38- X	3	6
44-53 cm	AKDT44- X	3	6	AKFR44- X	3	6

ALPS ECO™ Liner



Ideal Patient:

Active users seeking greater control.
Excessive redundant tissue.



Features

- A good all-rounder for active users seeking both control and comfort.
- HD Gel clings to the residual limb and stabilises soft tissue providing stability without compromising comfort.
- Innovative seamless knitted fabric for improved comfort whilst maintaining high level of control and stability.
- Controlled distal distraction due to reduced stretch area (white distal section) within novel distal construction.
- Suitable for both Transtibial and Transfemoral patients.
- U-shaped reinforcement.



Measured Size (cm)	ECO™ Locking Liner			ECO™ Cushion Liner		
	REPLACE X WITH REQUIRED THICKNESS					
		3mm	6mm		3mm	6mm
20-23 cm	ECDTHD-20- X	3	6	ECFRHD-20- X	3	6
24-25 cm	ECDTHD-24- X	3	6	ECFRHD-24- X	3	6
26-27 cm	ECDTHD-26- X	3	6	ECFRHD-26- X	3	6
28-31 cm	ECDTHD-28- X	3	6	ECFRHD-28- X	3	6
32-37 cm	ECDTHD-32- X	3	6	ECFRHD-32- X	3	6
38-43 cm	ECDTHD-38- X	3	6	ECFRHD-38- X	3	6
44-53 cm	ECDTHD-44- X	3	6	ECFRHD-44- X	3	6

ALPS Pro-Fit Liner

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Uniform

Cushion

Locking

GREY

OptiGel

Ideal Patient:

Active users seeking greater control.

Patients searching for a well-fitting, snug liner.

NEW!

Features

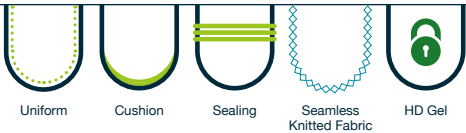
- Developed to achieve the securest fit, giving patients maximum control, comfort and stability due to improved distal end encapsulation.
- New OptiGel gives best ever conformability, hugging the residual limb for a perfect fit.
- Premium grey fabric offers a new look to the reduced vertical stretch experience for increased support.
- Increased control features combine to reduce vertical pistoning, offering premium protection of the residual limb.
- U-shaped matrix.

Measured Size (cm)	Pro-Fit Locking Liner			Pro-Fit Cushion Liner		
	REPLACE X WITH REQUIRED THICKNESS					
		3mm	6mm		3mm	6mm
20-23 cm	PFGDT20-X	3	6	PFGFR20-X	3	6
24-25 cm	PFGDT24-X	3	6	PFGFR24-X	3	6
26-27 cm	PFGDT26-X	3	6	PFGFR26-X	3	6
28-31 cm	PFGDT28-X	3	6	PFGFR28-X	3	6
32-37 cm	PFGDT32-X	3	6	PFGFR32-X	3	6
38-43 cm	PFGDT38-X	3	6	PFGFR38-X	3	6
44-53 cm	PFGDT44-X	3	6	PFGFR44-X	3	6

25

ALPS Smart Seal™ Liner

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3 2



Ideal Patient:

Patients seeking extra security.

Needing fewer layers, no sleeve required.

Patients wanting a darker brown liner.

Features

- Featuring raised bands that stretch against and grip the socket wall, forming a secure interface between the socket and residual limb without feeling constrictive.
- HD Gel hugs the residual limb and stabilises soft tissue providing security without compromising comfort.
- Innovative seamless knitted fabric with limited vertical stretch in the distal area, extending above seals, for improved comfort whilst maintaining high level of control and stability.
- U-shaped reinforcement.

Measured Size (cm)	Rings begin 12.5cm (SA) or 7.5cm (SB) from the centre of the distal end	Cushion	Size	Uniform 3mm or 6mm
20-23 cm	SB	FR	20-	(3 or 6)
24-25 cm	SB	FR	24-	(3 or 6)
26-27 cm	(SB or SA)	FR	26-	(3 or 6)
28-31 cm	(SB or SA)	FR	28-	(3 or 6)
32-34 cm	SA	FR	32-	(3 or 6)
35-37 cm	SA	FR	35-	(3 or 6)
38-43 cm	SA	FR	38-	(3 or 6)



SBFR rings begin 7.5cm from the centre of the distal end - recommended for transtibial patients.

SAFR rings begin 12.5cm from the centre of the distal end - recommended for knee disarticulation or transfemoral patients.

ALPS Superior Performance Liners



ALPS Superior Performance



ALPS Superior Performance HD



Ideal Patient:

Grip or HD Gel alternatives if reduced vertical stretch black fabric preferred.

HD Gel great for high activity patients.

Features

- Maximum protection of residual limb for active users requiring security and control without compromising comfort.
- HD Gel hugs the residual limb and stabilises excessive soft tissue for maximum control.
- GripGel provides superior adhesion to the residual limb resulting in greater control for patients with healthy skin.
- Limited vertical stretch black fabric reduces pistoning, and improves control and stability.
- Suitable for both Transtibial and Transfemoral patients.
- Reinforced matrix.

Measured Size (cm)	Superior Performance (HD) Locking Liner	REPLACE X WITH REQUIRED THICKNESS					
		3mm	6mm		3mm	6mm	
16-19 cm	SPDT(HD)16-X	3	6	SPFR(HD)16-X	3	6	
20-23 cm	SPDT(HD)20-X	3	6	SPFR(HD)20-X	3	6	
24-25 cm	SPDT(HD)24-X	3	6	SPFR(HD)24-X	3	6	
26-27 cm	SPDT(HD)26-X	3	6	SPFR(HD)26-X	3	6	
28-31 cm	SPDT(HD)28-X	3	6	SPFR(HD)28-X	3	6	
32-37 cm	SPDT(HD)32-X	3	6	SPFR(HD)32-X	3	6	
38-43 cm	SPDT(HD)38-X	3	6	SPFR(HD)38-X	3	6	
44-53 cm	SPDT(HD)44-X	3	6	SPFR(HD)44-X	3	6	



Superior Performance (HD) Cushion

Superior Performance (HD) Locking

ALPS Anterior Posterior Tapered Liner



Ideal Patient:

Bony residual limb/requires 6mm protection but struggling with popliteal bunching and associated reduced comfort or mobility.
Control and stability for more active patients.



Features

- 6mm thick anterior to protect bony areas combined with 3mm posterior thickness to reduce bunching in the popliteal region.
- Providing medium and high activity level users with greater freedom of movement, protection and control without compromising comfort.
- HD Gel hugs the residual limb and stabilises excessive soft tissue for maximum control.
- Limited vertical stretch black fabric reduces pistoning, improving control and stability.
- Reinforced matrix.

Measured Size (cm)	Anterior Posterior Tapered Locking Liner	Anterior Posterior Tapered Cushion Liner
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



Cushion Locking




Blatchford

TT Neoprene Suspension Sleeves

1

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SleeveNo fabric

Ideal Patient:

Patients who may wear out sleeves frequently.

Patients using waterlimbs.



- Features
- Firm, supportive fit.
 - Great, waterproof solution for use with water limbs.
 - An alternative solution for patients who suffer from allergies that might prevent the use of most other sleeves.

Number	Size	Thigh Circumference (cm)
029071	1	240 mm - 275 mm
029072	2	265 mm - 305 mm
029073	3	290 mm - 330 mm
029074	4	320 mm - 360 mm
029075	5	350 mm - 400 mm
029076	6	385 mm - 440 mm
029077	7	425 mm - 485 mm
029078	8	465 mm - 530 mm





Suitable for submersion

Pre-Flexed Sleeves

Designed to facilitate mobility, increase freedom and comfort due to 30° pre-flexion preventing bunching in the popliteal region.

Ideal Patient:

High activity users who benefit from secure freedom of movement.

Feel uncomfortable with excessive bunching behind the knee or struggle to bend their knee.

ALPS Reinforced Flex Sleeve (RFX)

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Pre-flexed Sleeve

Uniform

Grey Fabric

OptiGel

NEW!

Features

- New OptiGel gives best ever conformability, hugging the residual limb for a perfect fit.
- Premium grey fabric offers a new look to the reduced vertical stretch experience for increased support.
- An extra layer of internal fabric to reinforce the sleeve structure gives unparalleled durability.

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



ALPS Flex Sleeve (SFX)

4
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2

Pre-flexed Sleeve

Uniform

Knitted Fabric

HD Gel

Patient Favourite

Features

- HD Gel hugs the residual limb and stabilises excessive soft tissue for maximum control.
- Knitted fabric engineered to improve control and stability whilst limiting bunching in the popliteal region.
- Beige and black fabrics have the same properties for the SFX sleeve.

Measured Size (cm)	SFX Uniform Sleeve 3mm, Black	SFX Uniform Sleeve 3mm, Beige
34-37 cm	SFX20-3G	SFX20-3B
36-39 cm	SFX23-3G	SFX23-3B
38-42 cm	SFX26-3G	SFX26-3B
41-46 cm	SFX29-3G	SFX29-3B
45-50 cm	SFX32-3G	SFX32-3B



2mm Sleeves

Features

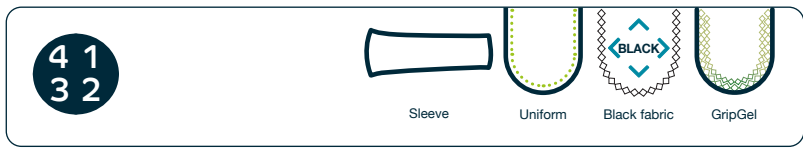
- Reduced bulk compared with other sleeves; facilitates movement and flexion.
- Thinner, lightweight profile minimises the temperature effects of using a suspension sleeve system.
- Improved control of prosthetic leg and greater ease of knee control due to the black fabric's limited vertical stretch.

Ideal Patient:

Sensitive to additional temperatures afflicted through material layers.
Feel uncomfortable with excessive bunching behind the knee or struggle to bend their knee.



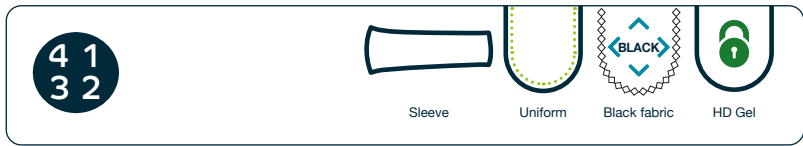
ALPS Superior Suspension SFB Sleeves



Features

- GripGel provides a tacky and secure fit.

ALPS Superior Suspension SFBHD Sleeves



Features

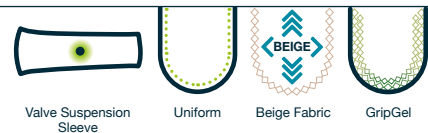
- High Density Gel ensures superior control even for more active users.



In combination with Silcare Breathe™ provides the most viable temperature controlled system due to slimline profile.

Measured Size (cm)	SFB and SFBHD 2mm Uniform Sleeves
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

ALPS V.I.V.A. Sleeve



Ideal Patient:

Requires additional vacuum on the residual limb to feel secure.
Requires a vacuum solution but doesn't want an external valve.



Features

- Superior security by suction suspension as a built-in valve evacuates air without altering the socket itself.
- The valve should be located proximal to the patella, creating back pressure with knee flexion.
- Minimises compression and irritation proximally.
- GripGel gives a tacky, secure fit, preventing the sleeve from rolling down the residual limb.
- Maximum flexibility and comfort from the horizontal and vertical stretch beige fabric.

Measured Size (cm)	3mm Uniform VIVA Sleeve
20-24cm	VIVA-16-3
25-30cm	VIVA-20-3
31-34cm	VIVA-24-3
35-37cm	VIVA-26-3
38-40cm	VIVA-28-3
41-45cm	VIVA-32-3



Built in valve to evacuate air.
Can be used with or without valve in socket for extra air control.



3mm Superior Performance Sleeves

Features

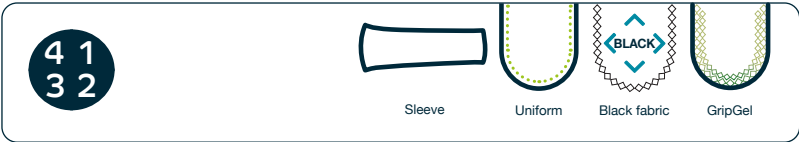
- Easy knee flexion and elevated control due to the limited vertical stretch fabric.
- Both Gels adhere to the patient’s skin, preventing it from rolling down the residual limb.
- Black fabric provides a highly secure suspension without causing shear force to the patient’s skin due to reduced vertical stretch of the fabric.

Ideal Patient:

Patients wanting reassurance of secure fitting sleeve.



ALPS Superior Performance SFP Sleeves

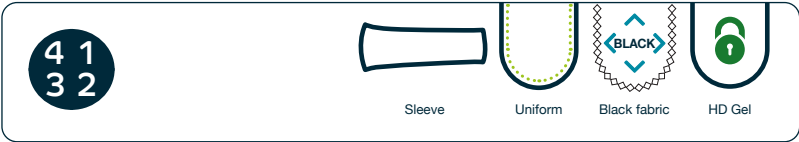


Features

- GripGel provides a tacky and secure fit.



ALPS Superior Performance SFPHD Sleeves



Features

- High Density Gel ensures reduced longitudinal stretch even for more active users.

Measured Size (cm)	Superior Performance (HD) 3mm Uniform Sleeve
20-24cm	SFP(HD)16-3
25-30cm	SFP(HD)20-3
31-34cm	SFP(HD)24-3
35-37cm	SFP(HD)26-3
38-40cm	SFP(HD)28-3
41-45cm	SFP(HD)32-3
46-60cm	SFP(HD)38-3
61-70cm	SFP(HD)44-3

EasyGel Sleeves

ALPS EasySleeve SFR Sleeve

1

3

2



SleeveUniformBeige FabricEasyGel

Ideal Patient:


Patents with delicate or fragile skin.



Features

- Superior comfort of EasyGel.
- Secure suspension achieved by sealing to the skin without restricting circulation.
- Fabric elasticity gives freedom of knee flexion.
- Easy to don/doff for patients with reduced manual dexterity.
- Suitable for patients with delicate or fragile skin.





Measured Size (cm)	SFR 3mm Uniform Sleeve
16-19 cm	SFR-10-3
20-24 cm	SFR-16-3
25-30 cm	SFR-20-3
31-34cm	SFR-24-3
35-37cm	SFR-26-3
38-40cm	SFR-28-3
41-45cm	SFR-32-3
46-60cm	SFR-38-3
61-70cm	SFR-44-3



ALPS EasySleeve SuperStretch SLE Sleeve

1

2




SleeveUniformNo fabricEasyGel

Ideal Patient:

Patents with delicate or fragile skin.


Patients who may find sleeves with fabric covers difficult to keep clean.




Features


- Wipe-clean, fabric-free sleeve.
- Separate fabric cover available to reduce friction against clothing if required.
- Free of fabric, the EasyGel moves with the user, reducing the forces over the patella with the bulk of the sleeve being displaced away from the popliteal area to prevent bunching and give freedom of knee flexion.
- Superior comfort of EasyGel. Secure suspension achieved by sealing to the skin without restricting circulation.
- Suitable for patients with delicate or fragile skin.

Measured Size (cm)	SLE 6mm Uniform Sleeve	CSLE Cover for SLE Sleeve
20-24 cm	SLE-16	CSLE-16
25-30 cm	SLE-20	CSLE-20
31-34cm	SLE-24	CSLE-24
35-37cm	SLE-26	CSLE-26
38-40cm	SLE-28	CSLE-28
41-45cm	SLE-32	CSLE-32




ALPS EasySleeve Fabric Reinforced SFS Sleeve





SleeveUniformBeige fabricGripGel

Ideal Patient:
Feeling of secure grip around the residual limb.
Flexibility and movement freedom.



Features

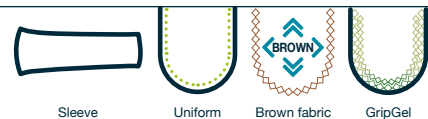
- Secure suspension without restricting circulation.
- GripGel sticks to the users skin without causing shear force.
- Gel grips to patient’s residual limb preventing the sleeve from rolling down.
- Excellent freedom of knee flexion achieved with beige fabric.



Measured Size (cm)	SFS Uniform 3mm Sleeve
20-24cm	SFS16-3
25-30cm	SFS20-3
31-34cm	SFS24-3
35-37cm	SFS26-3
38-40cm	SFS28-3
41-45cm	SFS32-3
46-60cm	SFS38-3
61-70cm	SFS44-3

ALPS Extreme SFK Sleeve

4 1
3 2



Ideal Patient:

Patients wanting a brown sleeve.
Feeling of secure grip around the residual limb.



Features

- Secure suspension without restricting circulation.
- GripGel sticks to the users skin without causing shear force.
- Gel grips to patient's residual limb preventing the sleeve from rolling down.
- Brown fabric gives limited vertical stretch for security with horizontal stretch for comfort and freedom of movement.



Measured Size (cm)	SFK Uniform 3mm Sleeve
20-24cm	SFK-16-3
25-30cm	SFK-20-3
31-34cm	SFK-24-3
35-37cm	SFK-26-3
38-40cm	SFK-28-3
41-45cm	SFK-32-3
46-60cm	SFK-38-3
61-70cm	SFK-44-3

ALPS VIP® – Vacuum Integrated Pump

Ideal Patient:

Patients seeking an elevated vacuum.

Patients struggling to maintain a consistent vacuum throughout the day.



Features

- Elevated vacuum solution.
- A discreet method of overcoming vacuum loss issues related to residual limb volume fluctuations.
- The air expulsion elevated vacuum maintains an even suspension distribution and reduces pressure points for increased comfort.
- Improves circulation for patients with healthy skin.
- Battery-free, lightweight, simple to install and 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 achieved by the higher vacuum Red VIP®, perfect for patients who prefer to feel the securest hold all 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 PadSil Silicone Distal Pads - PDS

Features

- Soft medical grade silicone
- Durable
- Keeps shape over time
- Helps maintain total contact
- Can be modified

Ideal Patient:

Requires extra protection at the distal end.



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. Hypoallergenic, with no perfumes or dyes, ALPS Skin Lotion leaves no oily feeling and can be used sparingly to relieve dry, chapped skin conditions.

Active Ingredients:
Silicone

Recommended for use with Silicones, Gels and Urethanes.

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



ALPS Prosthetic Lubricant

ALPS Prosthetic Lubricant is used to help in donning of prosthetic socket. It eliminates the sticky feeling when applied to the outer surface of a liner with a tacky exterior and allows the patient to roll up the liner more easily.

Active Ingredients:
Silicone, 70% isopropyl alcohol

Recommended for use with Silicones, Gels* and Urethanes.

*May deteriorate over time.

Part number:
PA604 (16oz/450ml)



ALPS Prosthetic Cleanser

ALPS Prosthetic Cleaner is a non-alkaline, soap-free cleanser which can be used for either hand or machine washing of prosthetic liners or sleeves. Patients with sensitive skin may also find that this soothing cleansing agent is ideal for washing skin areas that come into contact with the prosthesis.

Recommended for use with Silicones, Gels and Urethanes.

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








Kit Contents: Valves, Locks and Accessories

Part No.		Product Name	Comprises of:	Description
109108		EXT PROSTHESIS CONN SOCKET LOCK	1 x 109208 1 x 100807 1 x 936116 1 x 100805	SOCKET LOCK ASSY SPACER CAP PROTECTIVE BLACK DIA 8x25L LOCK ROD
BSL Kit		BLATCHFORD SOCKET LOCK KIT	1 x 100802 1 x 925012 1 x 100808 1 x 910472 1 x 100804	LOCK CYLINDER SPRING 9.14 DIA X 12.7 LG LOCK PISTON SCREW-SET.HEX.SKT M4x8 S/STEEL RELEASE KNOB
099132		TF SUCTION SOCKET VALVE KIT - STANDARD	1 x 093203 1 x 924137 1 x 099232 1 x 940046 1 x 093205	VALVE HOUSING O RING VALVE BODY ASSY VALVE KEY RECESSING DISC
099134		TF SUCTION SOCKET VALVE KIT - LARGE	1 x 093402 1 x 924142 1 x 099334 1 x 093403 1 x 940046	VALVE HOUSING O RING VALVE BODY ASSY RECESSING DISC 38 DIA VALVE KEY
099135		TF FLEXIBLE SOCKET VALVE KIT - LARGE	1 x 099334 1 x 093501 1 x 093502 1 x 093503 1 x 940663 1 x 940046	VALVE BODY ASSY VALVE BODY HOUSING NUT SUCTION SKT VALVE RECESSING DISC SUCT SKT VALVE FORMER SUCTION SKT VALVE VALVE KEY

Silcare Breathe™ Kits

The valve kits and casting dummy are designed for use with Silcare Breathe™ Walk and Active liners.

Associated Liner Size	Part No.		Product Name	Comprises of:	Description
22, 23, 25	559015		SBTTLP VALVE KIT - SMALL	1 x 559015 1 x 916095 1 x 916340	VALVE SILICONE WASHER NYLON WASHER
26, 28	559016		SBTTLP VALVE KIT - MEDIUM	1 x 559016 1 x 916095 1 x 916340	VALVE SILICONE WASHER NYLON WASHER
30, 32, 34	559017		SBTTLP VALVE KIT - LARGE	1 x 559017 1 x 916095 1 x 916340	VALVE SILICONE WASHER NYLON WASHER
36, 40	559018		SBTTLP VALVE KIT - EXTRA LARGE	1 x 559018 1 x 916095 1 x 916340	VALVE SILICONE WASHER NYLON WASHER
One Size	559019		SBTTLP CASTING DUMMY KIT	CASTING DUMMY	

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

Silcare™ (Breathe) Liners	6 months
ALPS Liners*	12 months
Orliman Liners	6 months
Blatchford Neoprene TT Suspension Sleeves	1 month
ALPS Sleeves	3 months
ALPS VIP® Vacuum Pump	6 months

*ALPS EasyLiner™ Super Stretch and Smart Seal™ Liners have 6 months warranty.

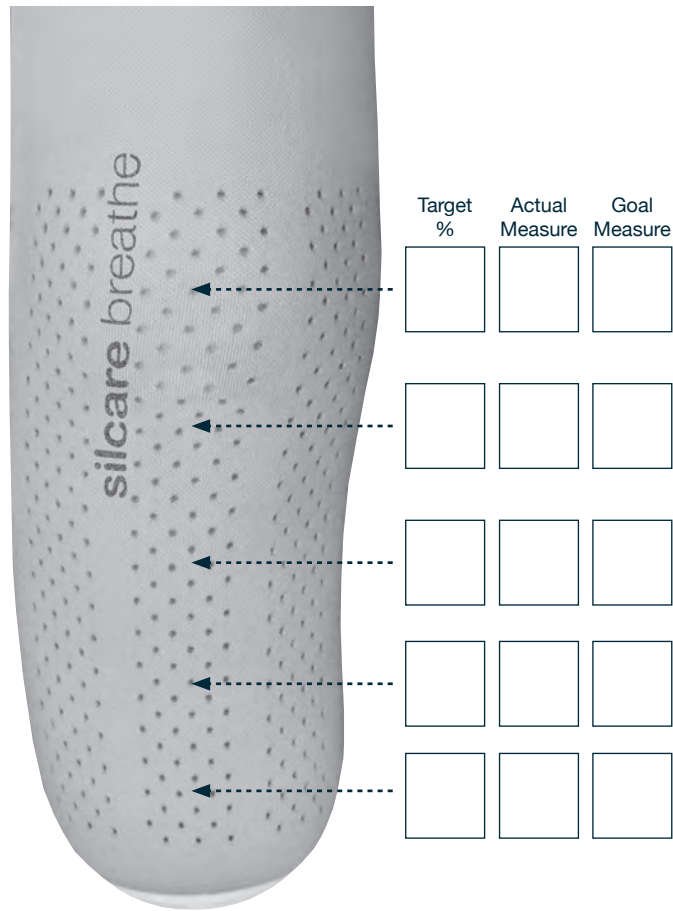
Liner Modelling/Rectification Assistant

Patient Reference _____ Left ☐ Right ☐

Our recommended volume reduction is:

- Dependent on soft tissue coverage and bony anatomy, potentially apply the following proximal reductions:
 - 3-5% Silcare™ (Breathe) Active.
 - 3-6% Silcare™ (Breathe) Walk.
 - 3-5% ALPS sizes below 32.
 - 3-7% ALPS sizes 32 and above or a fleshy stump.
- 0-1% distal reduction.
- Confirm your measurements are accurate to ensure effective total contact.

Volume reduction should mainly be carried out in the posterior soft tissue area. Minor reductions are permitted in the para-tibial areas to accentuate the bony anatomy.



Measure (cm)	1% Reduction	2% Reduction	3% Reduction	4% Reduction	5% Reduction	6% Reduction	7% Reduction
55	54.45	53.9	53.35	52.8	52.25	51.7	51.15
54	53.46	52.92	52.38	51.84	51.3	50.76	50.22
53	52.47	51.94	51.41	50.88	50.35	49.82	49.29
52	51.48	50.96	50.44	49.92	49.4	48.88	48.36
51	50.49	49.98	49.47	48.96	48.45	47.94	47.43
50	49.5	49	48.5	48	47.5	47	46.5
49	48.51	48.02	47.53	47.04	46.55	46.06	45.57
48	47.52	47.04	46.56	46.08	45.6	45.12	44.64
47	46.53	46.06	45.59	45.12	44.65	44.18	43.71
46	45.54	45.08	44.62	44.16	43.7	43.24	42.78
45	44.55	44.1	43.65	43.2	42.75	42.3	41.85
44	43.56	43.12	42.68	42.24	41.8	41.36	40.92
43	42.57	42.14	41.71	41.28	40.85	40.42	39.99
42	41.58	41.16	40.74	40.32	39.9	39.48	39.06
41	40.59	40.18	39.77	39.36	38.95	38.54	38.13
40	39.6	39.2	38.8	38.4	38	37.6	37.2
39	38.61	38.22	37.83	37.44	37.05	36.66	36.27
38	37.62	37.24	36.86	36.48	36.1	35.72	35.34
37	36.63	36.26	35.89	35.52	35.15	34.78	34.41
36	35.64	35.28	34.92	34.56	34.2	33.84	33.48
35	34.65	34.3	33.95	33.6	33.25	32.9	32.55
34	33.66	33.32	32.98	32.64	32.3	31.96	31.62
33	32.67	32.34	32.01	31.68	31.35	31.02	30.69
32	31.68	31.36	31.04	30.72	30.4	30.08	29.76
31	30.69	30.38	30.07	29.76	29.45	29.14	28.83
30	29.7	29.4	29.1	28.8	28.5	28.2	27.9
29	28.71	28.42	28.13	27.84	27.55	27.26	26.97
28	27.72	27.44	27.16	26.88	26.6	26.32	26.04
27	26.73	26.46	26.19	25.92	25.65	25.38	25.11
26	25.74	25.48	25.22	24.96	24.7	24.44	24.18
25	24.75	24.5	24.25	24	23.75	23.5	23.25
24	23.76	23.52	23.28	23.04	22.8	22.56	22.32
23	22.77	22.54	22.31	22.08	21.85	21.62	21.39
22	21.78	21.56	21.34	21.12	20.9	20.68	20.46

Silcare Breathe™
Locking Liner
Casting and
Rectification Guide



A Step by
Step Guide
to Casting
with Silcare
Breathe™



Printable
Rectification
Assistant





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