

WillowWood®



2022 Product Catalog

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WillowWood

An overview



WillowWood Vision

It is a vision of WillowWood to become the world's leader in "leveling the playing field" between physically unchallenged people and all people who find themselves challenged due to limb loss or limb dysfunction.

WillowWood Mission

It is the mission of WillowWood to provide to the prosthetic and orthotic community products that the consumers find assist them in leading a functionally normal lifestyle, products that the consumers find more comfortable, and products that the consumers prefer.

Company Background

WillowWood has a rich heritage of serving the prosthetic and orthotic industry. The company was founded in 1907 by William E. Arbogast, a bilateral amputee. For four generations the company has been active in developing products that provide amputees both comfort and functionality.

Spurred by growth opportunities and the changing competitive dynamics in the orthotic and prosthetic industry, WillowWood accelerated the company's growth with the 2019 sale of a majority stake to DW Healthcare Partners, a private equity investment firm that focuses exclusively on healthcare businesses. In December 2021, DWHP sold its interest in WillowWood. WillowWood entered into a strategic partnership with Blue Sea Capital LLC, a growth oriented private equity investor. The partnership with Blue Sea Capital will enable the addition of new products to WillowWood's portfolio through a combination of internal innovation and external acquisitions in an effort to bring together the complete prosthetic solution. Our mission and vision remain unchanged and they continue to guide our actions and industry activities.

Headquartered in Mt. Sterling, Ohio, WillowWood employs over 130 employees. WillowWood has a global customer base and a worldwide network of over 20 distributors.

Products & Services



Offered in various interface materials and fabrics, Alpha® Liners provide comfort and performance to amputees.



With one of the lowest build heights among fiberglass feet, the Koa™ LP can be used with longer residual limbs and a range of components.



LimbLogic™ provides reliable and secure elevated vacuum for use in prostheses.



Clinicians can use the OMEGA® software for prosthetic and orthotic applications.

Prosthetic Products

WillowWood is dedicated to our mission of designing and manufacturing prosthetic products that are comfortable and functional. Every product we design aims to enable individuals with limb loss to remain active and ready to live life to the fullest. We utilize new technology to be at the industry's forefront with products. We offer a full line of traditional prosthetic devices ranging from low to high activity prosthetic feet, a complete line of thermoplastic elastomer and silicone prosthetic liners, endoskeletal componentry, suspension devices, and pediatric products. Our products are tested both mechanically and clinically for performance and safety.

CAD System

Our OMEGA® System provides practitioners with the latest in CAD software, shape capture devices, and tools designed specifically for the orthotics & prosthetics industry. The OMEGA system allows prosthetists and orthotists to set themselves apart as professionals thanks to extremely accurate shape capture devices, intuitive software, and extensive education and technical customer support.

Custom Solutions Services

WillowWood's custom solutions team promises quality craftsmanship and timely fabrication services. We serve as an extension to our customers' facilities in providing quality work for their patients. Our team is skilled in both traditional and CAD/CAM workflows and can readily accept casts, OMEGA® files, and various other file formats.

Our Custom Solutions services include:

- Positive model carving (prosthetic and orthotic)
- Test and definitive sockets for lower extremity applications
- Shaping of transtibial and transfemoral foam covers
- WillowWood One® System sockets (tranfemoral and transitibial applications)

WillowWood

Customer Care

WillowWood excels at taking care of our customers. We're here to help you. If you need assistance, would like to place an order, or want to share feedback, please contact us during our business hours of 8:00 a.m. to 7:30 p.m. EST.

For order delivery, we offer the following carrier options:

- UPS
- FedEx
- U.S. Postal Service
- Motor Freight (customer choice)

Contact Information:

Address

WillowWood Global LLC
15441 Scioto Darby Road
P.O. Box 130
Mt. Sterling, Ohio
43143

Phone

(Toll Free, U.S.) 1.800.848.4930
(Local, International) 740.869.3377

Fax

(Toll Free, U.S.) 1.888.878.4858
(Local, International) 740.869.4374

E-mail

customerservice@willowwood.com

WillowWood

Warranty and Trial Period

WillowWood warrants that each product manufactured will, at the time of delivery, be of workmanlike quality and substantially free of defects. WillowWood makes no other warranty, implied or expressed, and makes no warranty of merchantability or fitness for a particular purpose. This warranty shall terminate immediately upon an action to combine our products with other materials or in any manner change the nature of our products. The remedy is repair or replacement or a prorated refund at the discretion of WillowWood. If a replacement product is provided to a customer, the warranty period will be the number of days remaining on the original warranty. WillowWood's liability shall not exceed the purchase price of the product. WillowWood is not responsible for any indirect, incidental or consequential damage.

This policy is intended as a guideline for WillowWood customers when returning merchandise for prorated credit or replacement. Upon receipt of new merchandise, the customer should inspect all products for damage in transit, missing pieces, or errors in order processing. When a customer wishes to return a product to WillowWood, the following guidelines should be followed:

- On the date a Return Merchandise Authorization (RMA) is requested, the merchandise being returned should either be: (1) within warranty guidelines OR (2) in resalable condition and no older than one year from date of the original invoice.
- If a facility needs to return a non-used WillowWood product for credit that was originally purchased from a distributor, the customer should contact the distributor for a RMA.

Product	Warranty Duration	Warranty/Start Date
Pre-Fabricated Liners	12 months	Date of patient fitting
Alpha DESIGN® Liners*	12 months	Date of patient fitting
Alpha Classic® Sleeve	2 months	Date of patient fitting
Alpha Hybrid® Sleeve, AK Sleeve & LimbLogic® Sleeve , One Sleeve & One Seal	3 months	Date of patient fitting
Pediatric SACH foot, Pediatric Impulse foot	12 months	Date of patient fitting
SACH foot, Single Axis Foot and DuraWalk Foot	12 months	Date of patient fitting
Impulse® Foot & Impulse® Ankle	12 months	Date of patient fitting
KOA® LP foot, META™ ARC foot & META™ Shock foot	36 months	Date of patient fitting
Foot Shells for DuraWalk™	9 months	Date of patient fitting
Foot Shells for KOA®, META™ Arc and META™ Shock	6 months	Date of patient fitting
LimbLogic® (Distal or Side Mount)	24 months	Date of patient fitting
Custom Solutions Services	3 months	Date of patient fitting

Product	Trial Duration	Trial Start Date	Return Policy
Pre-Fabricated Liners	30 days	Date of patient fitting	Credit will be offered for patient rejection.** Exchange for different Alpha Liner will be offered for all other circumstances
Initial Alpha DESIGN Liners (part number ending in "OT" or "EO")	30 days	Date of patient fitting	Credit only applied if determined the product is not appropriate for the intended patient. Returns will not be accepted for customer errors.
Impulse® Foot/Ankle	30 days	Date of patient fitting	Credit will be applied upon receipt of product return
Koa® LP, META™ ARC & META™ Shock	60 days	Date of patient fitting	Credit will be applied upon receipt of product return
LimbLogic®	30 days	Date of patient fitting	Credit will be applied upon receipt of product return
Custom Solutions Services	10 days	Date of patient fitting	Credit applied upon approval and / after evaluation of returned product

* Initial Alpha DESIGN Liners ordered with part numbers ending in "OT" or "EO" will be fabricated based on customer-provided specifications. If a customer is not satisfied with the initial DESIGN liner, it may be returned within 30 days of patient fitting for alteration, replacement, or credit at the sole discretion of WillowWood (trial period does not apply to duplicate DESIGN liners). Credit will only be applied if it is determined the product is not appropriate for the intended patient. Returns will not be accepted for customer errors.

** Patient rejection is defined as "product not appropriate for patient".

Alpha[®] Liners



Alpha® Family of Liners

There are three main points of difference among the liner family: Interface, Fabric, and Profile.

Thermoplastic Elastomer Liners:

	Alpha Classic® Liners	Alpha Hybrid® Liners	Alpha Basic® Liners	Alpha SmartTemp® TPE Liners
Interface Type	Classic Gel	Hybrid Gel	Classic Gel	Blend of Gel and Heat Absorption Technology
Fabric	Original Spirit MAX Select	Select	Flex Select (locking liner has Select fabric distally)	Select
Profile	Uniform Progressive Tapered Contoured AK Profile	Uniform Progressive AK Symmetrical	6 mm Symmetrical	Uniform, Progressive, AK Symmetrical

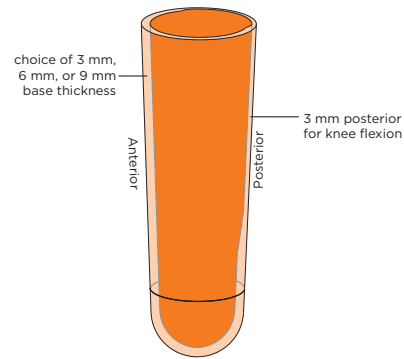
Silicone Liners:

	Alpha Silicone® Liners	WillowWood® Express Liners	Alpha SmartTemp® Silicone Liners	Alpha Duo® Liners	Fabricless SmartTemp® Liner	Alpha TruSeal Liner
Interface	Silicone	Soft Durometer Silicone	Silicone with Outlast®	Interior: Classic Gel Exterior: Silicone	Silicone with Outlast®	Silicone
Fabric	Select	Original Select	Select	Fabricless, Satin finish	Fabricless, Satin finish	Fabricless, Satin finish
Profile	Progressive AK Symmetrical	Uniform, AK Profile	Uniform, Progressive AK Symmetrical	4.5 mm Symmetrical	4.5 mm Symmetrical	AK Symmetrical

Alpha® Liners: Profiles

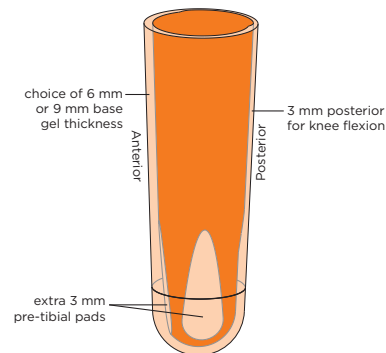
Uniform Profile: transtibial, upper extremity

- Gel is distributed evenly throughout the liner
- Gel behind the knee thins to 3 mm for easy bending of the knee
- Well-suited for most transtibial applications



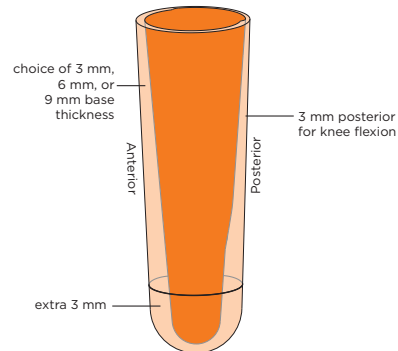
Contoured Profile: transtibial

- Additional 3 mm gel pads on anterior distal walls
- Gel behind the knee thins to 3 mm for easy bending of the knee
- Good choice for transtibial patients with prominent tibial crest



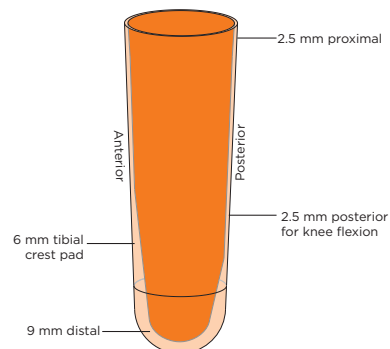
Tapered Profile: transtibial

- Uniform gel style with extra 3 mm tibial gel pads
- Gel behind the knee thins to 3 mm for easy ending of the knee
- Ideal for conical residual limbs and applications



Progressive Profile: transtibial

- Gel thins to 2.5 mm behind knee for broad range of knee motion
- Provides extra cushioning at distal end and over tibial crest
- Good choice for moderate to high activity level transtibial patients



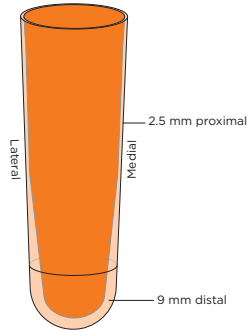
Alpha® Liners: Profiles

Symmetrical Profile: transtibial, transfemoral

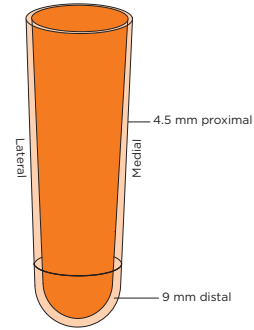
- Extra gel thickness distally for maximum comfort
- Rotatable to extend life of the liner
- Symmetrical AK is a good choice for transfemoral amputees preferring a thin gel profile and who reflect liners for greater comfort at the socket trim line
- Symmetrical AK and Symmetrical, 4.5 mm profiles provide gel 9 mm distally for maximum comfort
- Symmetrical 6 mm profile is intended for transtibial or transfemoral use



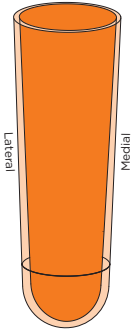
Symmetrical, AK



Symmetrical, 4.5 mm

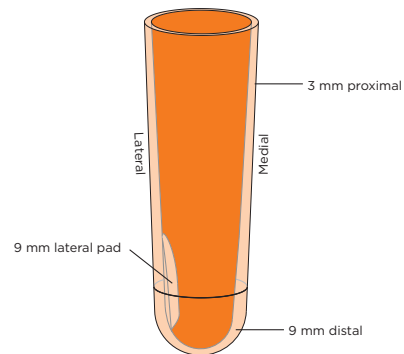


Symmetrical, 6 mm



AK Profile: transfemoral

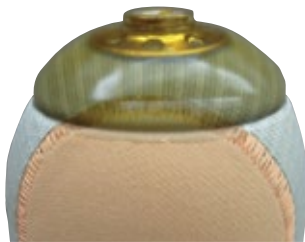
- 9 mm lateral gel pad protects distal femur
- Thin top edge for slim profile under clothing
- Ideal comfort for transfemoral amputees



WARRANTY: 12 months from patient fit date

TRIAL PERIOD: 30 days from patient fit date

Umbrella Types:



Standard locking umbrella



Accordion locking umbrella

ALPHA CLASSIC® LINERS

PRODUCT HIGHLIGHTS:

DISTINCT GEL PROFILES ACCOMMODATE VARIOUS LIMB SHAPES
AVAILABLE IN CUSHION AND LOCKING
THERMOPLASTIC ELASTOMER GEL WITH MINERAL OIL



OVERVIEW

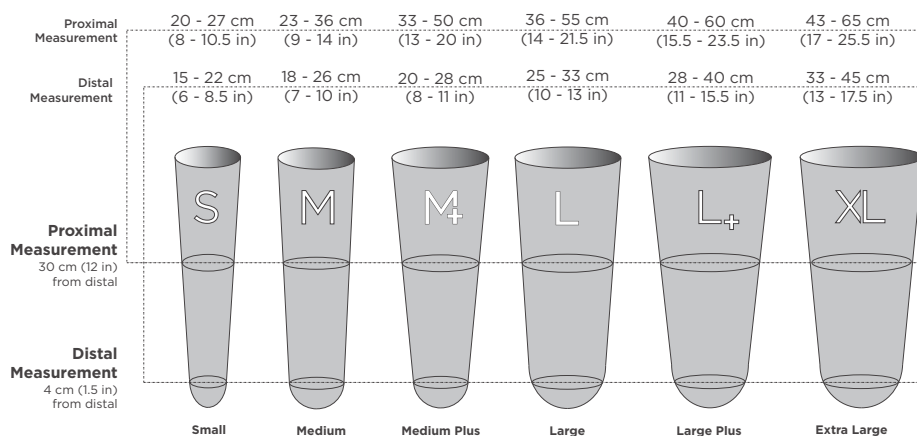
In order to provide an excellent socket fit and maximum comfort, Alpha Classic Liners are available in three gel thicknesses and various profiles. Alpha Classic Liners are composed of a skin-friendly thermoplastic elastomer. The gel flows to adapt to uneven socket pressures, while its low rebound means the liner maintains its adapted shape over time. The liners are heat moldable, allowing prosthetists to easily stretch the liners within their facilities.

The durable Original fabric helps extend the life of the liner. To aid in maximizing socket life, Alpha Classic Liners will retrofit with other Alpha Liners having the same profile and umbrella.

✓ TRANSTIBIAL

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Size	Item #		
Name Code	ALC=Cushion	ALL=Locking	
Profile (select one)	5=Uniform	7=Tapered	9=Contoured
Fabric	0=Original Green/Gray 4=Spirit Buff 8=MAX Buff		
Thickness (select one)	3=3 mm Uniform & Tapered only	6=6 mm	9=9 mm
Size (select one)	3=Small	0=Medium	4=Medium Plus
	6=Large	8=Large Plus	7=Extra Large
Single Liner	E=Each, Original and Spirit Fabrics X=Each, MAX Fabric		

ALPHA CLASSIC® MP LINERS

PRODUCT HIGHLIGHTS:

SAME PRICE FOR LOCKING OR CUSHION
POWERHOUSE CORE OF THE ALPHA FAMILY OF LINERS
HEAT MOLDABLE

OVERVIEW

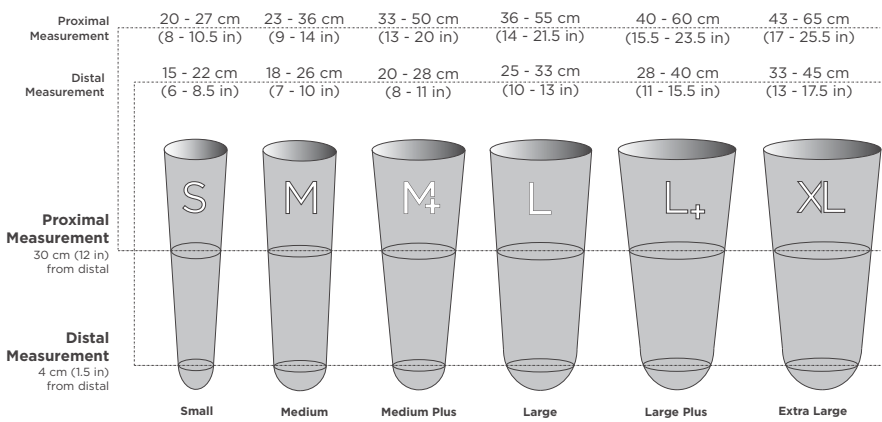
The most popular and best-selling Alpha Liner is the Alpha Classic MP. This liner features Alpha Classic Gel, 6 mm gel thickness, uniform profile, and the Original fabric in green/gray.



✓ **TRANSTIBIAL**

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Size	Locking Item #	Cushion Item #
Small	ALL-5063-E	ALC-5063-E
Medium	ALL-5060-E	ALC-5060-E
Medium Plus	ALL-5064-E	ALC-5064-E
Large	ALL-5066-E	ALC-5066-E
Large Plus	ALL-5068-E	ALC-5068-E
Extra Large	ALL-5067-E	ALC-5067-E

ALPHA CLASSIC® LINERS WITH SELECT FABRIC

PRODUCT HIGHLIGHTS:

ONE-WAY STRETCH FABRIC TO CONTROL PISTONING

AVAILABLE IN CUSHION AND LOCKING

THERMOPLASTIC ELASTOMER GEL WITH MINERAL OIL

DISTINCT GEL PROFILES ACCOMMODATE VARIOUS LIMB SHAPES

OVERVIEW

The comfort of the Alpha Classic Liner is available in Select Fabric. This fabric, engineered exclusively for WillowWood, allows circumferential stretch, yet maintains liner elongation within specified limits. A flexible panel incorporates an abrasion-resistant fabric allowing the limb to easily flex without pulling and tightening at the knee. This panel and the thin gel behind the knee allows for comfort while sitting or bending for extended periods of time. The Alpha Classic liners with Select Fabric are available in progressive and 6 mm uniform profiles.

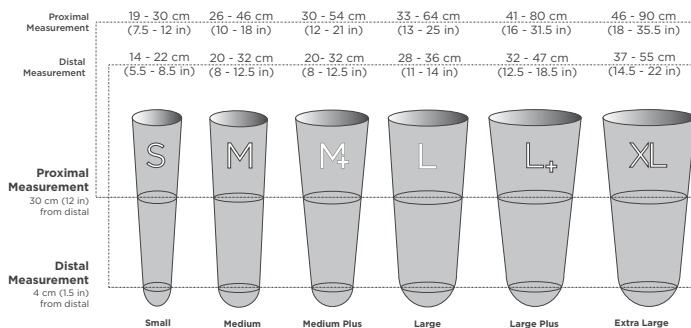


✓ TRANSTIBIAL

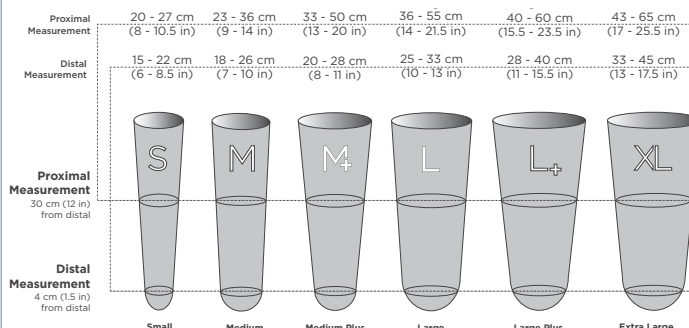
LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:

Progressive Profile



Uniform Profile



Size	Locking		Cushion	
	Progressive Item #	Uniform Item #	Progressive Item #	Uniform Item #
Small	A352-6393	A351-5363	A350-6393	A350-5363
Medium	A352-6390	A351-5360	A350-6390	A350-5360
Medium Plus	A352-6394	A351-5364	A350-6394	A350-5364
Large	A352-6396	A351-5366	A350-6396	A350-5366
Large Plus	A352-6398	A351-5368	A350-6398	A350-5368
Extra Large	A352-6397	A351-5367	A350-6397	A350-5367

ALPHA BASIC® LINERS

PRODUCT HIGHLIGHTS:

DESIGNED SPECIFICALLY FOR LOW-ACTIVITY USE
FLEXIBLE FABRIC COMFORTABLE FOR EXTENDED
PERIODS OF KNEE FLEXION

PISTONING MINIMIZED DISTALLY WITHOUT A CONSTRICTIVE MATRIX
RETROFITS WITH COMMON LINER PROFILES

OVERVIEW

The Alpha Basic Liner was developed specifically for amputees with low activity levels. The liner has a symmetrical 6 mm gel profile. WillowWood's Alpha Classic gel is paired with a flexible fabric to ensure easy donning and that the liners do not grab or pull on the knee when flexed. To minimize pistoning, the Alpha Basic Locking Liner utilizes the one-way stretch Select fabric at the distal end of the liner without constricting a patient's residual limb.

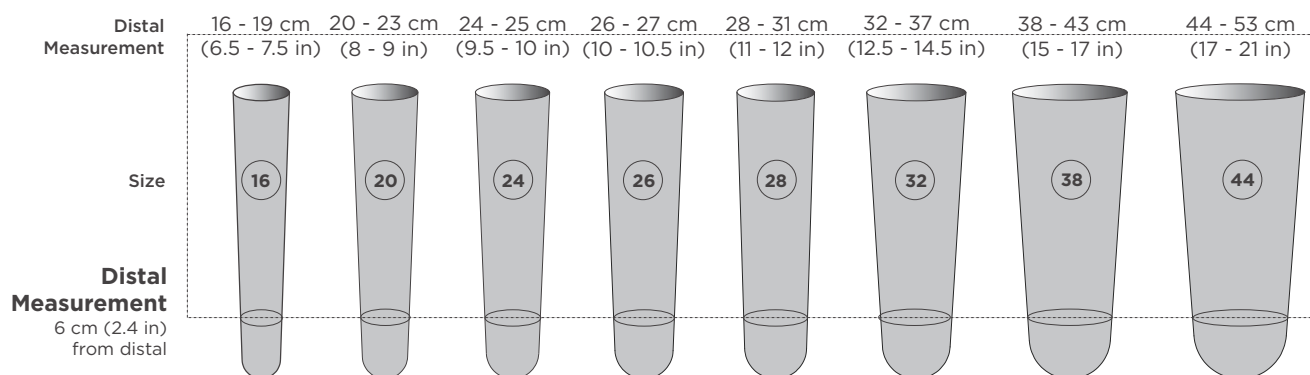


✓ TRANSFEMORAL

✓ TRANSTIBIAL

L CODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Umbrella size varies based on liner. Sizes 16 and 20 have 5.8 cm (2.3") umbrella for smaller limbs.
Sizes 32, 38, 44 have a 10.2 cm (4") umbrella for larger limbs.

Size	Standard Locking Umbrella Item #	Large Locking Umbrella Item #	Cushion Item #
16	ABLL-16-6	-	ABCL-16-6
20	ABLL-20-6	-	ABCL-20-6
24	ABLL-24-6	-	ABCL-24-6
26	ABLL-26-6	-	ABCL-26-6
28	ABLL-28-6	-	ABCL-28-6
32	ABLL-32-6	ABKL-32-6	ABCL-32-6
38	ABLL-38-6	ABKL-38-6	ABCL-38-6
44	ABLL-44-6	ABKL-44-6	ABCL-44-6

Please Note: A drying stand is not included with the Alpha Basic Liner.

ALPHA HYBRID® LINERS

PRODUCT HIGHLIGHTS:

CONTROLS PISTONING WITHOUT A DISTAL MATRIX
CUSHION LINERS IDEAL FOR USE WITH ELEVATED VACUUM
SIZE OF ACCORDION UMBRELLA CHANGES WITH LINER SIZE

OVERVIEW

The Alpha Hybrid Liner allows for easy bending and flexing of the knee, controlled pistoning, and easy donning. The liner's one-way stretch fabric effectively controls pistoning without a distal matrix and allows circumferential stretch while maintaining liner elongation within specified limits. A flexible panel incorporates an abrasion-resistant fabric allowing the limb to easily flex without pulling and tightening at the knee. This panel and the thin gel behind the knee allows for comfort while sitting or bending for extended periods of time. A new socket should be fabricated for best use of the Alpha Hybrid Liner with progressive gel style. The Alpha Hybrid Liner with uniform gel style is a solution for amputees currently wearing a 6 mm uniform Alpha Classic Liner with Original fabric and want to experience the benefits of this new liner.

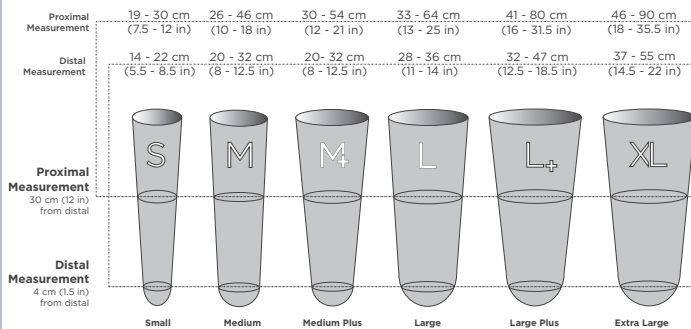


✓ TRANSTIBIAL

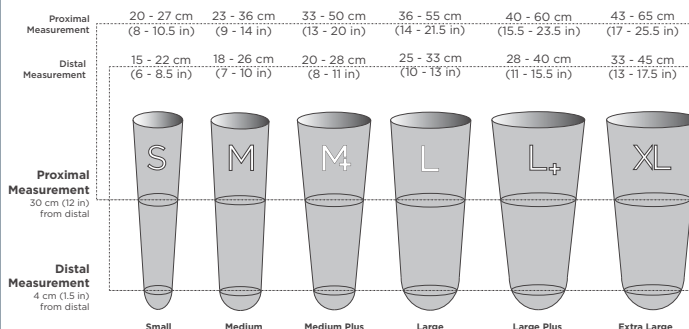
LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:

Progressive Profile



Uniform Profile



Size	Locking		Cushion	
	Progressive Item #	Uniform Item #	Progressive Item #	Uniform Item #
Small	H352-6393	H351-5363	H350-6393	H350-5363
Medium	H352-6390	H351-5360	H350-6390	H350-5360
Medium Plus	H352-6394	H351-5364	H350-6394	H350-5364
Large	H352-6396	H351-5366	H350-6396	H350-5366
Large Plus	H352-6398	H351-5368	H350-6398	H350-5368
Extra Large	H352-6397	H351-5367	H350-6397	H350-5367

WILLOWWOOD® EXPRESS LINERS

PRODUCT HIGHLIGHTS:

CUSTOM SILICONE FORMULATED SPECIFICALLY
FOR GEL LINER WEARERS
CHOOSE FROM ORIGINAL AND SELECT FABRICS
AVAILABLE IN CUSHION AND LOCKING



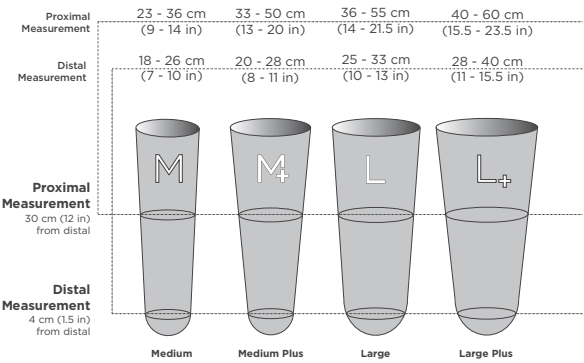
OVERVIEW

WillowWood’s Express Liner is a softer-durometer silicone that replicates the feel and comfort of TPE gel liners. The platinum-cured, medical-grade silicone contains skin-friendly Vitamin E to foster a healthy limb environment. No messy lotions or creams are necessary to don the liner. The soft silicone of the Express Liner may be covered in durable Original fabric or the one-way stretch Select fabric to help extend the life of the liner.

✔ **TRANSTIBIAL**

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Size/Profile Uniform, 6 mm	Original Fabric		Select Fabric	
	Locking Item #	Cushion Item #	Locking Item #	Cushion Item #
Medium	E001-5160	E000-5160	E351-5360	E350-5360
Medium Plus	E001-5164	E000-5164	E351-5364	E350-5364
Large	E001-5166	E000-5166	E351-5366	E350-5366
Large Plus	E001-5168	E000-5168	E351-5368	E350-5368

Availability based on demand.

ALPHA SILICONE® LINERS

PRODUCT HIGHLIGHTS:

NON-GREASY & NON-TACKY INTERFACE
CONTROLS PISTONING WITHOUT A DISTAL MATRIX
SIZE OF ACCORDION UMBRELLA CHANGES WITH LINER SIZE

OVERVIEW

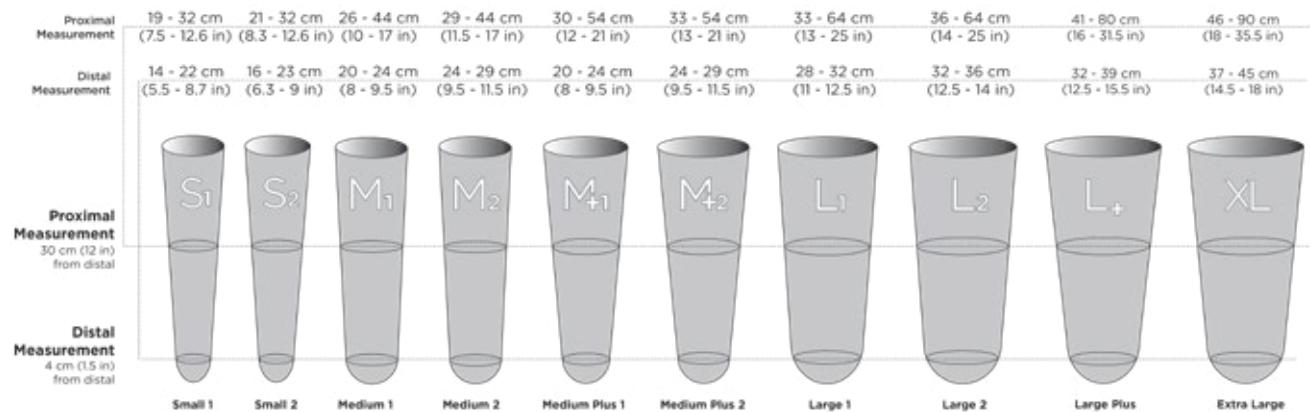
WillowWood's Alpha Silicone Liner uses a proprietary, platinum-cured, medical grade silicone designed for comfort and performance. Our unique blend of silicone, Vitamin E, and skin conditioners results in a pleasing surface that is non-greasy, non-tacky, and comfortable against the skin. The Alpha Silicone Liner uses Select fabric that controls pistonning without using a distal matrix. The Select fabric allows for circumferential stretch making it easy to don for numerous limb shapes. The flexible knee panel provides enhanced knee flexion and a broad range of knee motion. The Alpha Silicone Liner retrofits with Alpha Hybrid Liners with a progressive profile.



✓ TRANSTIBIAL

L CODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Size	Locking Item #	Cushion Item #
Small 1	S352-6593-1	S350-6593-1
Small 2	S352-6593-2	S350-6593-2
Medium 1	S352-6590-1	S350-6590-1
Medium 2	S352-6590-2	S350-6590-2
Medium Plus 1	S352-6594-1	S350-6594-1
Medium Plus 2	S352-6594-2	S350-6594-2
Large 1	S352-6596-1	S350-6596-1
Large 2	S352-6596-2	S350-6596-2
Large Plus	S352-6598-1	S350-6598-1
Extra Large	S352-6597-1	S350-6597-1

ALPHA SMARTTEMP® GEL LINERS

PRODUCT HIGHLIGHTS:

PROPRIETARY BLEND OF TPE GEL AND
HEAT ABSORPTION TECHNOLOGY

DELAYS THE ONSET OF SWEAT

STABILIZES SKIN TEMPERATURE

ONE-WAY STRETCH FABRIC CONTROLS PISTONING

OVERVIEW

Sweat and heat within a prosthetic liner are long-standing complaints among amputees. Clinicians may now address these issues and provide their patients with the Alpha SmartTemp Gel Liner with WillowWood's proprietary blend of TPE gel and heat absorption technology. This technology allows the liner to absorb and store heat from a residual limb and delay the onset of sweat. The liner releases the stored heat as the body cools down, stabilizing the skin temperature to keep an amputee comfortable all day. With the reduction of sweat within the liner, chafing and skin breakdown may be reduced while suspension strength of the prosthesis may be improved.

The liner utilizes one-way stretch Select fabric to control pistonning without the need of a distal matrix while allowing circumferential stretch for easy donning. The flexible knee panel of abrasion-resistant fabric permits comfortable, easy flexion without pulling and tightening at the knee. The panel and the thin gel behind the knee allow for comfort when sitting or bending for extended periods of time. Available in 6 mm Uniform and Progressive profiles, the Alpha SmartTemp Gel Liner retrofits with other transtibial Alpha® liners of the same size, profile and distal end.

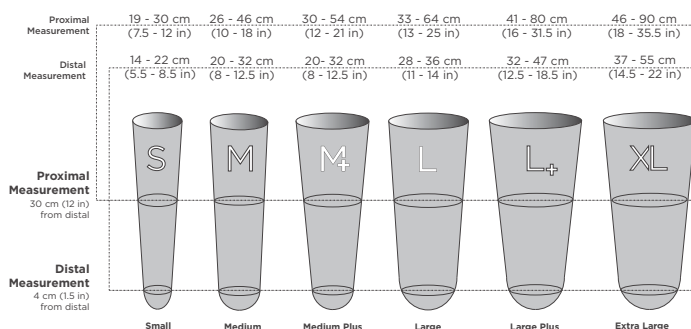


✓ TRANSTIBIAL

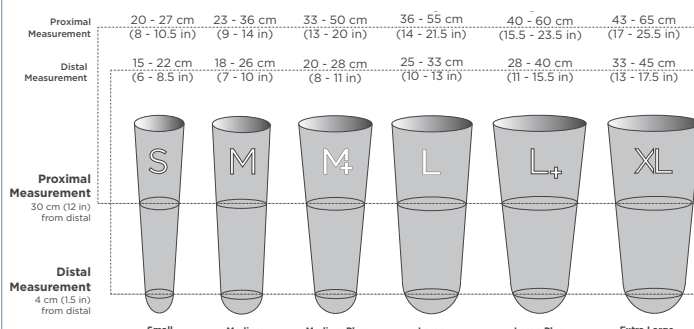
LCODE SUGGESTIONS: L5679 (cushion)
L5673 (locking)

Liner Sizing:

Progressive Profile



Uniform Profile



RETROFITTING Patients wearing this liner may retrofit with other Alpha Liners of the same profile, base size, and umbrella style.

Size	Locking		Cushion	
	Progressive Item #	Uniform Item #	Progressive Item #	Uniform Item #
Small	P352-6393	P351-5363	P350-6393	P350-5363
Medium	P352-6390	P351-5360	P350-6390	P350-5360
Medium Plus	P352-6394	P351-5364	P350-6394	P350-5364
Large	P352-6396	P351-5366	P350-6396	P350-5366
Large Plus	P352-6398	P351-5368	P350-6398	P350-5368
Extra Large	P352-6397	P351-5367	P350-6397	P350-5367

ALPHA SMARTTEMP® SILICONE LINERS

PRODUCT HIGHLIGHTS:

USES OUTLAST® TECHNOLOGY - ORIGINALLY DEVELOPED FOR NASA
 DELAYS THE ONSET OF SWEAT AND REDUCES CHAFING
 USES SELECT FABRIC FOR A BROAD RANGE OF MOTION
 AVAILABLE IN PROGRESSIVE AND UNIFORM PROFILES

OVERVIEW

The Alpha SmartTemp Silicone Liner featuring Outlast® combines silicone with the heat management technology of Outlast. This revolutionary liner regulates heat by responding to fluctuations in skin temperature. The Alpha SmartTemp Silicone Liner absorbs and stores heat as it builds up in a residual limb delaying the onset of sweat before it starts. By releasing stored heat as the body cools, the liner stabilizes skin temperature to keep an amputee comfortable all day.

The Alpha SmartTemp Silicone Liner uses one-way stretch Select fabric that allows circumferential stretch for easy donning while controlling pistoning. The liner is offered in both Progressive and Uniform profiles which allows for retrofitting with Alpha® Liners of the same profile, base size, and umbrella style.

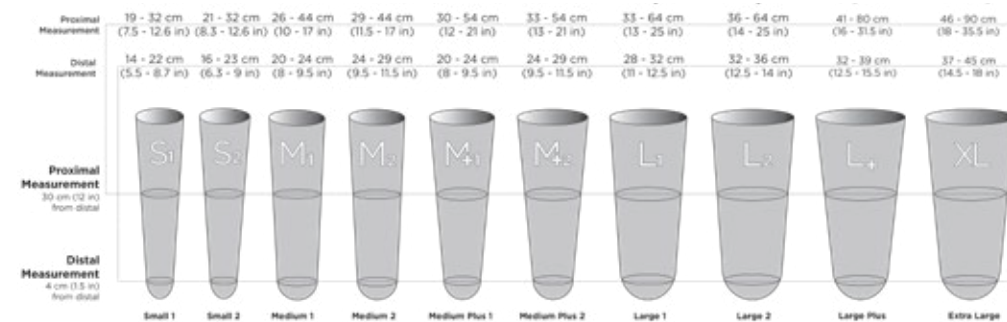


✓ TRANSTIBIAL

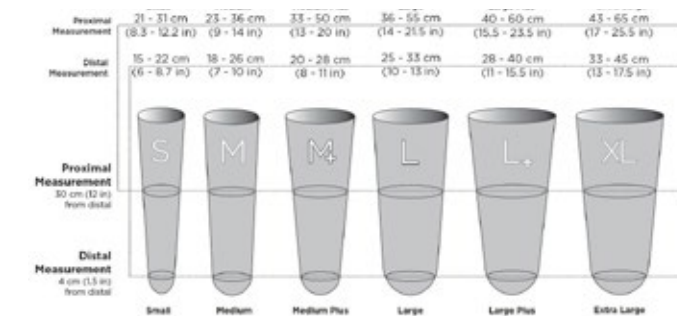
LCODE SUGGESTIONS: L5679 (cushion)
 L5973 (locking)

Liner Sizing:

Progressive Profile



Uniform Profile



Part Numbers:

Size/Profile	Locking Item #	Cushion Item #
Uniform, 6 mm		
Small	T351-5363	T350-5363
Medium	T351-5360	T350-5360
Medium Plus	T351-5364	T350-5364
Large	T351-5366	T350-5366
Large Plus	T351-5368	T350-5368
Extra Large	T351-5367	T350-5367

Size/Profile	Locking Item #	Cushion Item #
Progressive		
Small 1	T352-6593-1	T350-6593-1
Small 2	T352-6593-2	T350-6593-2
Medium 1	T352-6590-1	T350-6590-1
Medium 2	T352-6590-2	T350-6590-2
Medium Plus 1	T352-6594-1	T350-6594-1
Medium Plus 2	T352-6594-2	T350-6594-2
Large 1	T352-6596-1	T350-6596-1
Large 2	T352-6596-2	T350-6596-2
Large Plus	T352-6598-1	T350-6598-1
Extra Large	T352-6597-1	T350-6597-1

ALPHA SMARTTEMP® FABRICLESS LINERS

PRODUCT HIGHLIGHTS:

- USES OUTLAST® TECHNOLOGY
- DELAYS THE ONSET OF SWEAT AND REDUCES CHAFING
- PROVIDES STABILITY AND HELPS CONTAIN SOFT TISSUE
- EASY DONNING; NO LUBRICANTS NEEDED
- AVAILABLE IN CUSHION ONLY



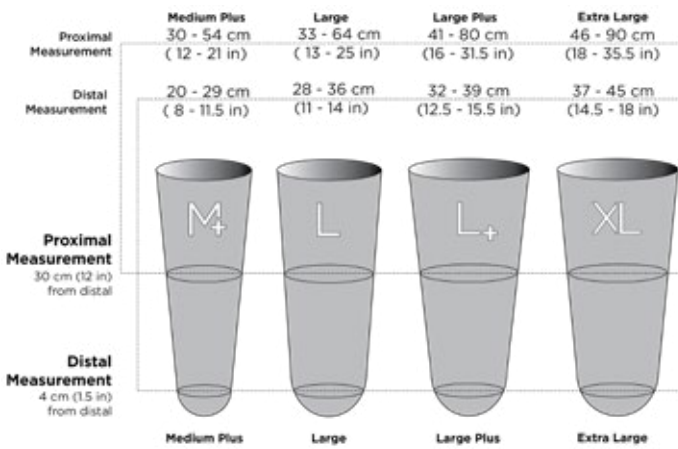
OVERVIEW

The fabric-free Alpha SmartTemp AK liner was specifically designed for use with the WillowWood One TF System, however, can be used with any vacuum or suction transfemoral applications. Alpha Silicone® is combined with the heat management technology of Outlast® to delay the onset of sweat. The liner’s symmetrical 4.5 mm profile retrofits with the Alpha Duo Liner. Included with the liner is the One Gel sock which uses MAX fabric and has a thin layer of silicone on its interior. The sock protects a fabricless liner’s exterior from premature wear, acts as an air wick and allows vacuum to establish within a socket.

✔ TRANSFEMORAL

LCODE SUGGESTIONS: L5679 (cushion)
L8417 (Gel Sock)

Liner Sizing:



Size/Profile	Cushion Item #
Medium Plus	T990-1944
Large	T990-1946
Large Plus	T990-1948
Extra Large	T990-1947

Product/Size	Item #
One Gel Sock, Size Medium	ONE-SOCK-MD
One Gel Sock, Size Medium Plus	ONE-SOCK-MP
One Gel Sock, Size Large	ONE-SOCK-LG
One Gel Sock, Size Large Plus	ONE-SOCK-LP
One Gel Sock, Size Extra Large	ONE-SOCK-XL

ALPHA DUO® LINERS

PRODUCT HIGHLIGHTS:

- FABRIC-FREE EXTERIOR WITH A SATIN FINISH FOR EASY DORNING; NO LUBRICANTS NEEDED
- PERFECT COMBINATION OF COMFORT AND DURABILITY
- PROVIDES STABILITY AND HELPS CONTAIN SOFT TISSUE
- AVAILABLE IN CUSHION ONLY

OVERVIEW

WillowWood’s Alpha Duo Liner combines the comfort of gel with the durability of silicone making it one of the most unique liners on the market today. Inside the Alpha Duo Liner is our skin-friendly Alpha Classic® Gel with mineral oil, providing all-day comfort. Alpha Silicone® covers the liner exterior for durability and protection. The final touch is a satin finish that will not deteriorate over time and slides against itself for easy donning without requiring lubricants.

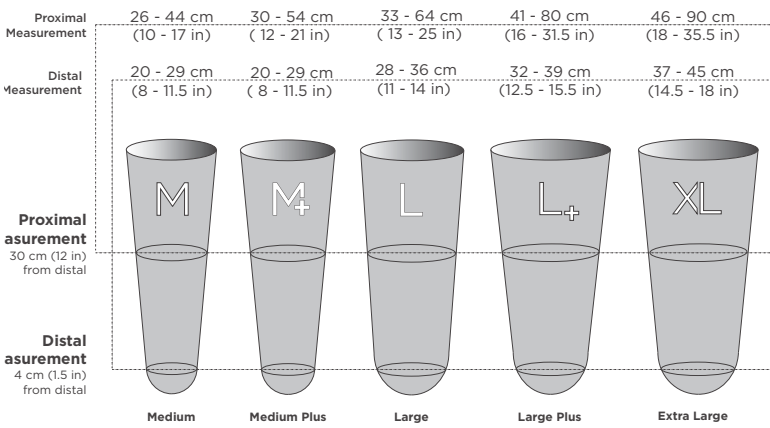
Designed for transtibial or transfemoral use, the Alpha Duo Liner may be used with suction suspension or elevated vacuum. The liner also retrofits with the fabricless Alpha SmartTemp® Liner used in the transfemoral WillowWood One® system. A One Gel Sock is included with each liner.



- ✓ TRANSFEMORAL
- ✓ TRANSTIBIAL

LCODE SUGGESTIONS: L5679 (cushion)
L8417 (Gel Sock)

Liner Sizing:



Size/Profile	Cushion Item #
Medium	D990-1940
Medium Plus	D990-1944
Large	D990-1946
Large Plus	D990-1948
Extra Large	D990-1947

Product/Size	Item #
One Gel Sock, Size Medium	ONE-SOCK-MD
One Gel Sock, Size Medium Plus	ONE-SOCK-MP
One Gel Sock, Size Large	ONE-SOCK-LG
One Gel Sock, Size Large Plus	ONE-SOCK-LP
One Gel Sock, Size Extra Large	ONE-SOCK-XL

ALPHA TRUSEAL LINER

PRODUCT HIGHLIGHTS:

- MEDICAL GRADE, PLATINUM-CURED SILICONE
- FOUR INTEGRATED SEALING FINS
- SATIN OUTER-FINISH, NO LUBRICANTS NEEDED
- EMBEDDED FABRIC MESH
- FEATURES A 12-MONTH WARRANTY

OVERVIEW

WillowWood’s Alpha TruSeal Liner uses a proprietary, platinum-cured, medical grade silicone designed for comfort and performance. The liner has four integrated sealing fins designed to ensure confident suction suspension. The satin outer finish allows for easy donning, does not require messy lubricants and is easier to clean than a fabric covered liner. An inner topcoat is applied to reduce tack while controlling soft tissue compression and rotation. An embedded mesh fabric within the silicone resists abrasion and protects the liner from rips and tears. The Alpha TruSeal Liner is available in 9 sizes and a symmetrical profile.

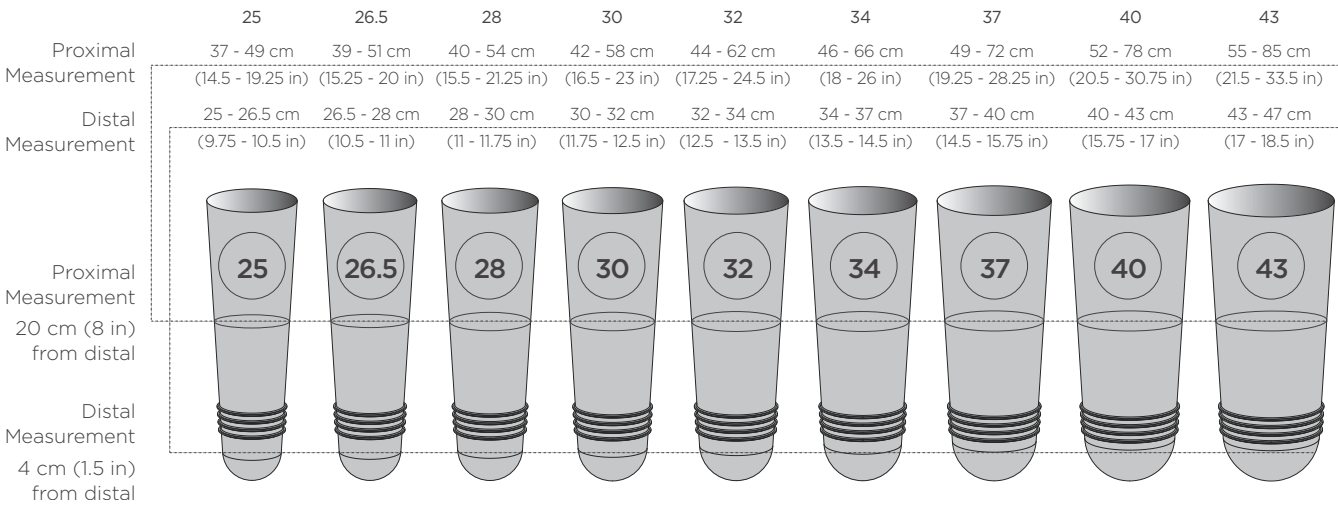


Alpha Silicone VMP, set of 2
Pad measures 9" x 4.5"; 4.5 mm
& 7.5 mm thicknesses
ALA-VM-S2

 **TRANSFEMORAL**

LCODE SUGGESTIONS: L5679 (cushion)

Liner Sizing:



Size	Part #
25	S494-1125
26.5	S494-1126
28	S494-1128
30	S494-1130
32	S494-1132
34	S494-1134
37	S494-1137
40	S494-1140
43	S494-1143

Optional ALA-VM-S2 Alpha Silicone Volume Management Pads, set of 2

ALPHA CLASSIC® AK LINERS

PRODUCT HIGHLIGHTS:

UNIQUE AK GEL PROFILE ADDS COMFORT FOR
TRANSFEMORAL AMPUTEES
SKIN-FRIENDLY, MINERAL-OIL BASED GEL
AVAILABLE IN CUSHION AND LOCKING

OVERVIEW

Alpha Classic AK Liners are available with an AK Profile in order to meet the needs specific to transfemoral amputees.

Alpha Classic AK Liners with the AK Profile accommodate the often sensitive areas of transfemoral residual limbs with a specific gel style and incorporate skin-friendly, mineral-oil-based Alpha Classic Gel. The liner, offered in cushion and locking, has 9 mm of gel distally, tapering to 3 mm proximally—with a built-in gel pad to protect the often-sensitive femur. This extra gel pad provides a total of 9 mm of gel at the distal lateral aspect of the liner.

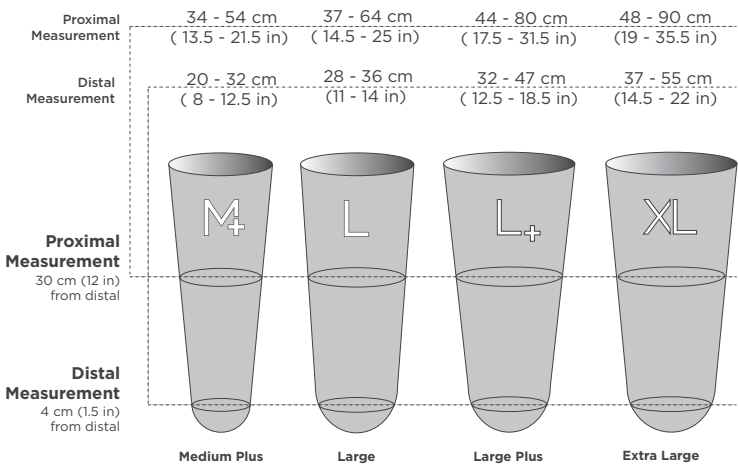
The Spirit fabric used for cushion liners is unique in its ability to flex during donning or doffing and may be used with a Velcro®-like material for added security. Alpha Classic AK Locking Liners use one-way stretch MAX fabric that limits vertical pistoning movements around the complete circumference of the liner.



✔ **TRANSFEMORAL**

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



	Cushion (Spirit fabric)	Locking (MAX fabric)	Locking (Select fabric)
	Item #	Item #	Item #
Medium Plus	AKC-2634-E	AKL-2634-X	A442-1494
Large	AKC-2636-E	AKL-2636-X	A442-1496
Large Plus	AKC-2638-E	AKL-2638-X	A442-1498 (accordion umbrella)
Extra Large	AKC-2637-E	AKL-2637-X (standard umbrella) AKL-2631-X (large umbrella)	A442-1497

ALPHA HYBRID® AK LINERS

PRODUCT HIGHLIGHTS:

CONTROLS PISTONING WITHOUT A DISTAL MATRIX

HYBRID GEL IS SKIN-FRIENDLY AND RESISTS EXCESSIVE ELONGATION

ROTATE LINERS TO INCREASE LONGEVITY



OVERVIEW

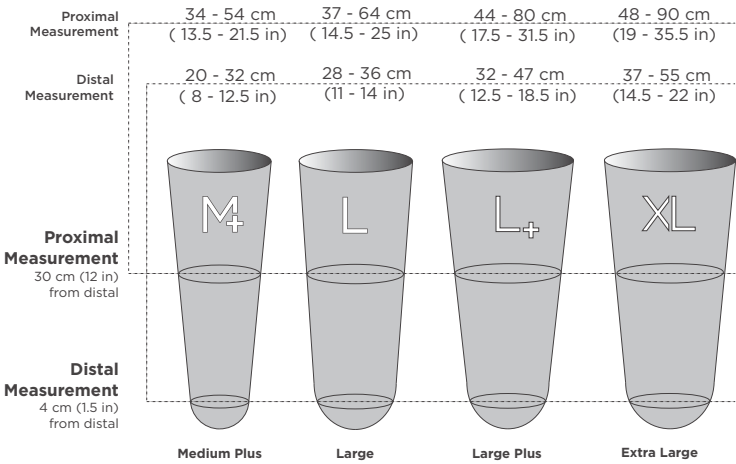
Alpha Hybrid AK Liners have a Symmetrical Profile that has 9 mm gel distally and then taper to 2.5 mm gel at the anterior and posterior. This symmetrical design allows the user to rotate the liner for extended wear. The liner utilizes one-way stretch fabric for controlled pistoning without a rigid distal matrix and provides tissue compression without uncomfortable pressure on the limb. The locking version features an accordion-style umbrella that blends with a patient’s anatomy for an almost unnoticeable feeling.

The symmetrical profile is a good choice for amputees who reflect liners for greater comfort at the socket brim line. The Select fabric’s one-way stretch controls pistoning while remaining easy to don.

✔ TRANSFEMORAL

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



	Locking	Cushion
	Item #	Item #
Size/Profile	Symmetrical	Symmetrical
Medium Plus	H442-1494	H440-1494
Large	H442-1496	H440-1496
Large Plus	H442-1498	H440-1498
Extra Large	H442-1497	H440-1497

WILLOWWOOD® EXPRESS AK LINERS

PRODUCT HIGHLIGHTS:

CUSTOM SILICONE FORMULATED SPECIFICALLY
FOR GEL LINER WEARERS
AVAILABLE IN CUSHION AND LOCKING

OVERVIEW

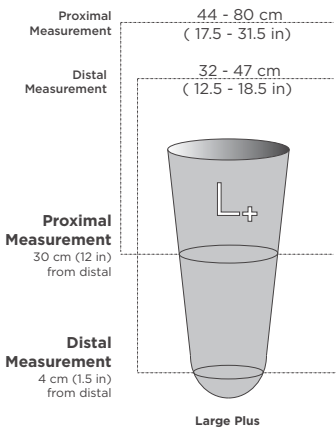
WillowWood’s Express AK Liner is a softer-durometer silicone that replicates the feel and comfort of thermoplastic elastomer gel liners. The platinum-cured, medical-grade silicone contains skin-friendly Vitamin E to foster a healthy limb environment. No messy lotions or creams are necessary to don the liner. The liner’s outer fabric is determined by the type of suspension that will be used. Express AK Cushion Liners use the Spirit fabric while the locking version uses the one-way stretch MAX fabric to help extend the life of the liner.



✔ **TRANSFEMORAL**

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Size	MAX Fabric	Spirit Fabric	Select Fabric	
	Locking Item #	Cushion Item #	Locking Item #	Cushion Item #
Large Plus	E431-2198	E410-2198	E441-2498	E440-2498

Availability based on demand.

ALPHA SILICONE® AK LINERS

PRODUCT HIGHLIGHTS:

NON-GREASY & NON-TACKY SURFACE

CONTROLS PISTONING WITHOUT A DISTAL MATRIX

ACCORDION UMBRELLA BLENDS WITH A PATIENT'S ANATOMY

OVERVIEW

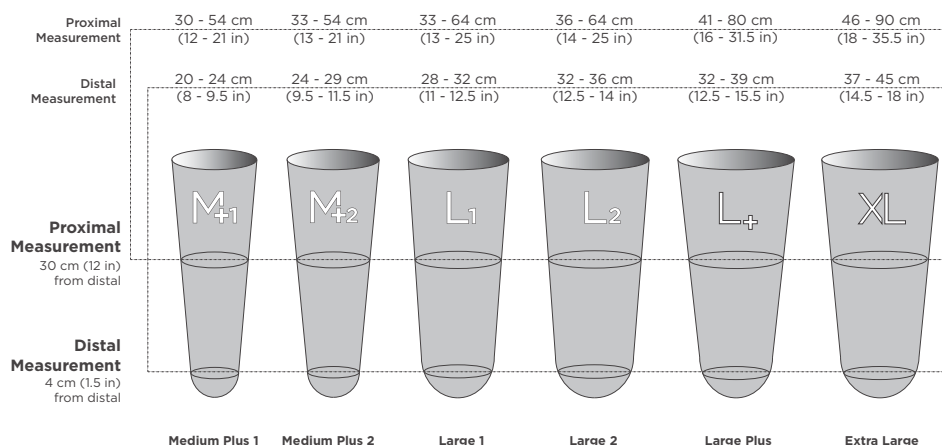
The Alpha Silicone AK Liner with symmetrical profile provides extra protection to the distal femur and allows the liner to be rotated for extended wear. The liner uses a proprietary, platinum-cured, medical grade silicone designed for both comfort and performance for transfemoral amputees. Our unique blend of silicone, Vitamin E, and skin conditioners results in a smooth surface that is non-greasy, non-tacky, and comfortable against the skin. The Alpha Silicone AK Liner uses Select fabric that controls pistoning without using a distal matrix yet allows for circumferential stretch for easy donning.



✓ TRANSFEMORAL

L CODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Size	Locking Item #	Cushion Item #
Medium Plus 1	S442-1694-1	S440-1694-1
Medium Plus 2	S442-1694-2	S440-1694-2
Large 1	S442-1696-1	S440-1696-1
Large 2	S442-1696-2	S440-1696-2
Large Plus	S442-1698-1	S440-1698-1
Extra Large	S442-1697-1	S440-1697-1

ALPHA SMARTTEMP® GEL AK LINERS

PRODUCT HIGHLIGHTS:

- PROPRIETARY BLEND OF TPE GEL AND HEAT ABSORPTION TECHNOLOGY
- ABSORBS AND STORES HEAT FROM RESIDUAL LIMB
- SELECT FABRIC CONTROLS PISTONING



OVERVIEW

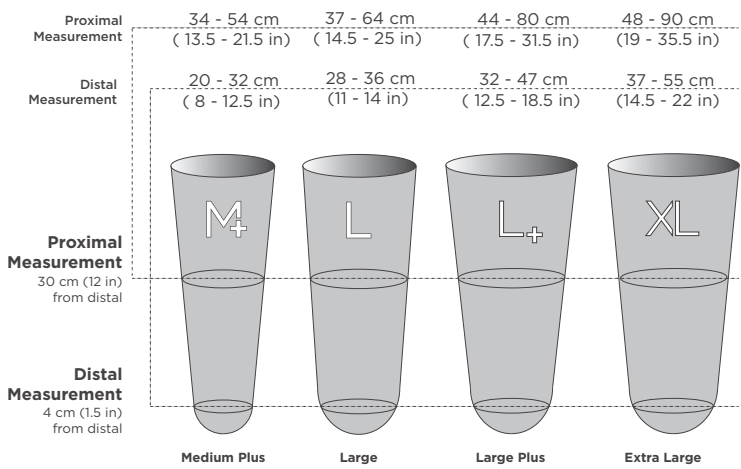
Sweat and heat within a prosthetic liner are long-standing complaints among amputees as they can lead to suspension security and limb health issues. Clinicians may address these issues with the Alpha SmartTemp Gel AK Liner featuring WillowWood’s proprietary blend of TPE gel and heat absorption technology. This technology allows the liner to absorb and store heat from a residual limb and delay the onset of sweat. The liner releases the stored heat as the body cools down, stabilizing the skin temperature to keep an amputee comfortable all day. With the reduction of sweat within the liner, chafing and skin break-down on the residual limb may be reduced along with suspension security concerns.

The liner utilizes one-way stretch Select fabric to control pistoning without the need of a distal matrix while allowing circumferential stretch for easy donning. The Select fabric provides gentle tissue compression without placing uncomfortable pressure on the residual limb. Available in a Symmetrical AK profile, the Alpha SmartTemp Gel AK Liner may be rotated to extend the life of the liner and will retrofit with other transfemoral Alpha® Liners of the same profile, size and distal end.

✓ TRANSFEMORAL

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



	Locking Item #	Cushion Item #
Size/Profile	Symmetrical AK	Symmetrical AK
Medium Plus	P442-1694	P440-1694
Large	P442-1696	P440-1696
Large Plus	P442-1698	P440-1698
Extra Large	P442-1697	P440-1697

ALPHA SMARTTEMP® SILICONE AK LINERS

PRODUCT HIGHLIGHTS:

LINER UTILIZES OUTLAST® TECHNOLOGY TO ABSORB AND STORE HEAT FROM A RESIDUAL LIMB

DELAYS THE ONSET OF SWEAT

ONE-WAY SELECT STRETCH FABRIC CONTROLS PISTONING

OVERVIEW

The Alpha SmartTemp Silicone AK Liner featuring Outlast® combines silicone with the heat management technology of Outlast®. This revolutionary liner regulates heat by responding to fluctuations in skin temperature. By releasing stored heat as the body cools down, the liner stabilizes skin temperature to keep an amputee comfortable all day.

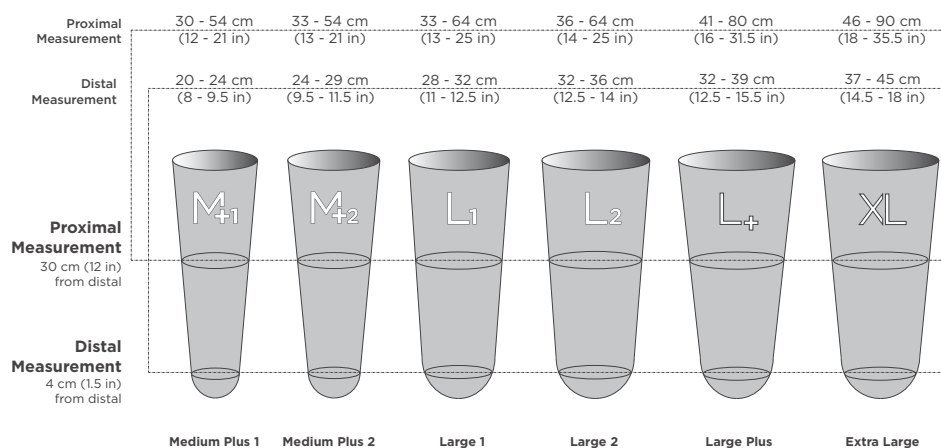
The Alpha SmartTemp Silicone AK Liner utilizes one-way stretch Select fabric to control pistoning without the need of a distal matrix while allowing circumferential stretch for easy donning. The Select fabric provides gentle tissue compression without placing uncomfortable pressure on the residual limb.



✓ TRANSFEMORAL

LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



	Locking Item #	Cushion Item #
Size/Profile	Symmetrical AK	Symmetrical AK
Medium Plus 1	T442-1694-1	T440-1694-1
Medium Plus 2	T442-1694-2	T440-1694-2
Large 1	T442-1696-1	T440-1696-1
Large 2	T442-1696-2	T440-1696-2
Large Plus	T442-1698-1	T440-1698-1
Extra Large	T442-1697-1	T440-1697-1

ALPHA DESIGN® LINERS

PRODUCT HIGHLIGHTS:

ADJUST GEL THICKNESS UP TO 25 MM

AVAILABLE FOR TRANSTIBIAL, TRANSFEMORAL, OR
UPPER EXTREMITY APPLICATIONS

CHOOSE CLASSIC GEL, HYBRID GEL, OR DUO'S CLASSIC/SILICONE
COMBINATION FOR INTERFACE MATERIALS

MULTIPLE FABRIC CHOICES



OVERVIEW

Alpha DESIGN Liners offer custom-designed gel profiles for each patient, providing a fit and comfort unmatched by off-the-shelf liners. For patients with atypical residual limb contours or for patients who don't get the best fit from prefabricated liners, Alpha DESIGN Liners offer a tailored solution. Practitioners determine gel placement, pattern and thickness as well as fabric type to suite patient needs. Gel may be up to 25 mm thick, especially useful on invaginated limbs or bony limbs. Gel on the proximal edge may be as thin as 3 mm. Behind the knee, gel may be as thin as 3 mm for greater comfort and range of knee motion. Alpha DESIGN Liners may be created from casts or digital files.

✓ TRANSFEMORAL ✓ TRANSTIBIAL

LCODE SUGGESTIONS: L5681 or L5683 (initial liner),
L5679 (duplicate cushion), L5973 (duplicate locking)

INTERFACE MATERIAL: Transtibial
Classic Gel
Hybrid Gel
Classic Gel/Silicone

FABRIC STYLES & COLORS: Original: buff, green/gray, medium brown
Spirit: buff, green/gray, medium brown
MAX: buff
Select: light gray/gray
Fabric-free (Satin finish): dark gray

Transfemoral
Classic Gel
Hybrid Gel
Classic Gel/Silicone

Original: buff
Spirit: buff
MAX: buff
Select: gray, taupe
Fabric-free (Satin finish): dark gray

AK Comfort Cuff (additional fee required)

Fabric-Covered Classic/Hybrid		Fabric-Free	Description
Locking Item #	Cushion Item #	Duo Item #	
ALL-DES-OT	ALC-DES-OT	ADC-DES-OT*	Alpha DESIGN Liner from OMEGA, Initial
ALL-DES-EO	ALC-DES-EO	ADC-DES-EO*	Alpha DESIGN Liner via Electronic Order, Initial
ALL-DES-DP	ALC-DES-DP	ADC-DES-DP*	Alpha DESIGN Liner, Duplicate
ALC-DES-CC			AK Comfort Cuff, Add-On (Alpha DESIGN AK Liners only)
DES-WEBASSIST			Webinar Assist

* Fabric-Free Alpha DESIGN Liners include a Gel Sock.

Ordering Options:

- Order via OMEGA®
- Alpha DESIGN app for iOS
- Online order forms at www.willowwood.com

NOTE: Insignia scans may be converted to AOP files and submitted by e-mail to: designlinerteam@willowwood.com

Webinars:

Our web-assist program is also available.

ALPHA CLASSIC® UPPER EXTREMITY LINERS

PRODUCT HIGHLIGHTS:

- MADE OF COMFORTABLE ALPHA CLASSIC GEL
- UNIQUELY-SHAPED UMBRELLA FOR UPPER EXTREMITY
- FOR ABOVE-ELBOW & BELOW-ELBOW AMPUTEES
- AVAILABLE ONLY IN LOCKING

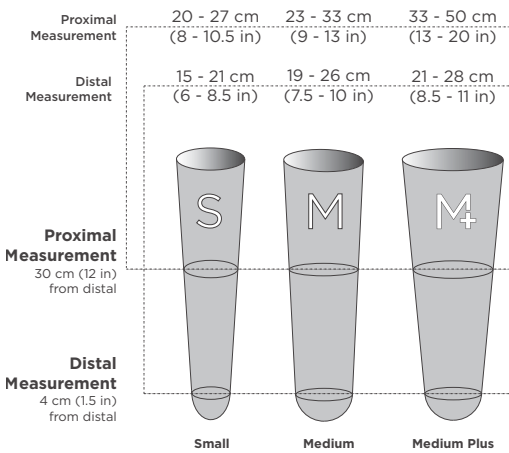
OVERVIEW

WillowWood has adapted its revolutionary lower extremity Alpha Liners for use by transradial and transhumeral amputees. In order to provide maximum comfort and excellent socket fit, the Alpha Classic Upper Extremity Liner is available in 3 mm gel thickness and three sizes to adapt to an amputee’s limb circumference. The unique oval-shaped umbrella allows for a comfortable fit. Like the lower extremity liners, the Alpha Classic Upper Extremity Liner is heat moldable, allowing prosthetists to easily tailor the liner’s fit. The Alpha Classic Upper Extremity Liner is designed for use with 1/4 x 20 threaded pins.



- ✓ TRANSRADIAL
- ✓ TRANSHUMERAL
- LCODE SUGGESTIONS: L6692 (locking)

Liner Sizing:



	Original Fabric	Spirit Fabric
	Item #	Item #
Size/Profile	Uniform	Uniform
Small	AUL-5133-E	AUL-5433-E
Medium	AUL-5130-E	AUL-5430-E
Medium Plus	-	AUL-5434-E

LimbLogic®



PRODUCT HIGHLIGHTS:

- INDUCTIVE CHARGING FOR EASY PATIENT USE
- UTILIZES A SMALL, CONVENIENT BLUETOOTH® LOW ENERGY FOB
- PUMP IS WATERPROOF IN FRESH WATER
- CONTROL YOUR LIMBLOGIC FROM YOUR IPHONE OR IPAD

OVERVIEW

LimbLogic provides elevated vacuum in an easy-to-use system that continually monitors a socket’s vacuum level and activates as needed to maintain a secure fit. Amputees may use a fob or an iOS app to increase or decrease the vacuum level as desired within a range that is set by the clinician.

This electronic elevated vacuum system features inductive charging and two versions of the pump to allow mounting on the distal end or on the side of the socket. Both options include a field-serviceable outlet filter. Regardless of the style used, LimbLogic is waterproof in fresh water to a depth of 3 meters (10 feet) for up to 12 hours at a time. The handheld fob should not be exposed to water.

The Distal Mount pump may be used with either a laminated or a thermoplastic socket; a one-time purchase of a Thermoplastic Tooling Kit is required before fabricating a thermoplastic socket for this system. The Distal Mount pump is also available in a Bilateral Kit option, which includes a single fob with supplies for two sockets.



LCODE SUGGESTIONS: L5781

Product Description	Item #
LLVS2 w/ Fob Unilaterak Kit Lamination	LLV-2000-L
LLVS2 w/ Fob Unilateral Kit Thermoplast	LLV-2000-T
LLVS2 w/ Fob Bilateral Kit Lamination	LLV-2002-L
LLVS2 w/ Fob Bilateral Kit Thermoplastic	LLV-2002-T
LLVS2 w/ Fob Unilateral Kit Side Mount	LLV-2000-S

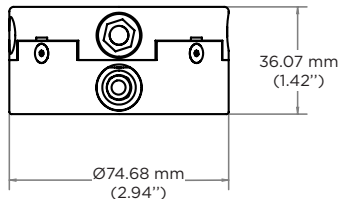
ACCESSORIES AND REPLACEMENT PARTS

Product Description	Item #
LimbLogic Charger Pack	LLV-01011
LimbLogic 4-Hole Attachment	LLV-01041
LimbLogic Vacuum Plate	LLV-01043
LimbLogic Vacuum Pyramid	LLV-01044
LimbLogic Transfer Plate	LLV-01045
LimbLogic Side Mount Lamination Plate	LLV-01049
LimbLogic Side Mount Adhesive Seal, 2	LLV-01050
LimbLogic Proximal Gasket, Qty 5	LLV-01070
LimbLogic Poron Filter, 200 Micron	LLV-01071
LimbLogic Port Cover w/Drain Tube	LLV-01080
LimbLogic Suction Pad	LLV-01100
LimbLogic Forming Sleeve, Qty 2	LLV-02002
LimbLogic Thermoplastic Adapter	LLV-02003
LimbLogic Plastic Insert with Bolt	LLV-02004
LimbLogic Tooling Assembly	LLV-02005
LimbLogic Washers, Qty 5	LLV-02006
LimbLogic Thermoplastic Tooling Kit	LLV-02100
LimbLogic Resin Kit 28 oz	LLV-02101
LimbLogic Resin Kit 1 Gallon	LLV-02102
LimbLogic 10mm Tooling Bolt w/Nut	LLV-02103
LimbLogic Thermoplastic Tooling Base	LLV-02104
LimbLogic Thermoplastic Forming Cap	LLV-02105
LimbLogic Hole Saw Kit	LLV-02106
LimbLogic Inductive Charger	LLV-21011
LimbLogic Exhaust Hose Replacement	LLV-21080
LimbLogic Exhaust Port Drain Tube	LLV-21081
LimbLogic Exhaust Port Elbow	LLV-21082
LimbLogic SS Screen Filter, 4/pack	LLV-21083
LimbLogic Valve and Ring Set	LLV-21084
LimbLogic Diagnostic Disc & Seal	LLV-21085
LimbLogic Valve Removal Tool	LLV-21087
LimbLogic Key Fob	LLV-21200
LimbLogic Fob Replacement Battery	LLV-21240
LimbLogic Expulsion Valve	LLV-EV
LimbLogic Expulsion Valve - Base Only	LLV-EV1
LimbLogic Expulsion Valve, Replacement, Valve Only	LLV-EV2
LimbLogic Expulsion Valve - Dummy Only	LLV-EV3
LimbLogic Lamination Fabrication	LLV-KIT-L
LimbLogic Side Mount Fabrication Kit	LLV-KIT-S
LimbLogic Thermoplastic Fabrication	LLV-KIT-T
LimbLogic Service Kit	LLV-SK
LimbLogic Vent Cover	LLV-01030

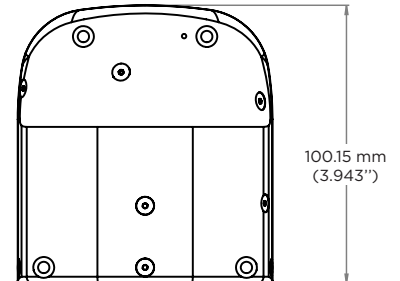
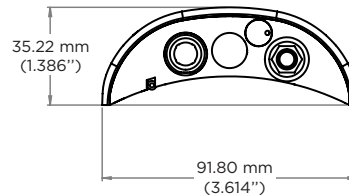
LIMBLOGIC®: SPECIFICATIONS

PRODUCT WEIGHT: Distal Mount: 225 g
Side Mount: 209 g
Fob: 17 g

BUILD HEIGHT: Distal Mount: 36 mm (1.42")



Side Mount: 35.22 mm (1.386") x 100.15 mm (3.943") long



Fabrication Kits: **Laminated 4-Hole Adapter Kit**
Use: Laminated sockets
Build Height: .1875" (4.76 mm)

Laminated Side Mount Adapter Kit
Use: Laminated sockets
Patient Weight: not applicable

Thermoplastic Drop-In Adapter Kit
Use: Thermoplastic sockets, check sockets
Build Height: .6250" (15.88 mm) with custom distal pad

WARRANTY: 24 months from patient fit date

TRIAL PERIOD: 30 days from patient fit date

WHAT'S INCLUDED:



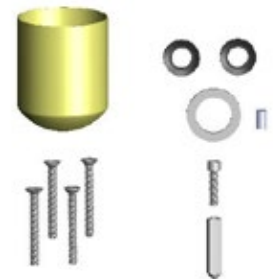
LimbLogic Inductive Charger
LLV-21011



LimbLogic, Key Fob
LLV-21200



Lamination Fabrication Kit
LLV-KIT-L



Thermoplastic Fabrication Kit
LLV-KIT-T

ADDITIONAL OPTION(S):



Thermoplastic Tooling Kit
LLV-02100



LimbLogic Service Kit
LLV-SK



Control your LimbLogic from your
iPhone or iPad. (Free in App Store)



LimbLogic Transfer Plate
LLV-01045

LIMBLOGIC® M

PRODUCT HIGHLIGHTS:

ADJUSTABLE VACUUM LEVELS

LOW 3.6" BUILD HEIGHT

STANDARD 4-HOLE PATTERN

SUITABLE FOR PATIENT WEIGHT RANGE OF 100 TO 330 POUNDS

NO HOSES OR CHARGING NEEDED



OVERVIEW

For transtibial amputees who prefer a simple, elevated vacuum system without compromising security, the LimbLogic M is an ideal option. This low build height, four-hole mount pump with rotatable distal pyramid provides clinicians easy set-up in a prosthesis and flexibility in componentry selection and alignment. With LimbLogic M an amputee may don their prosthesis and within a few steps have secure vacuum.

Distinguishing features of LimbLogic M are its adjustable vacuum settings and adjustable stiffness levels. Clinicians may select low or high vacuum settings by turning a screw on the posterior side of the pump. Additionally, by turning a screw inset into the distal pyramid, clinicians may increase or decrease the stiffness of the pump and its amount of shock absorption. With these features the LimbLogic M offers optimal patient comfort with secure elevated vacuum suspension.

✔ **TRANSTIBIAL**

LCODE SUGGESTIONS: L5781, L5988

Product	Item #
LimbLogic M, Light	LLM-1001-L
LimbLogic M, Standard	LLM-1000-L
LimbLogic M Diagnostic Kit	LLM-11001
LimbLogic M Lamination Fabrication Kit	LLM-KIT-L

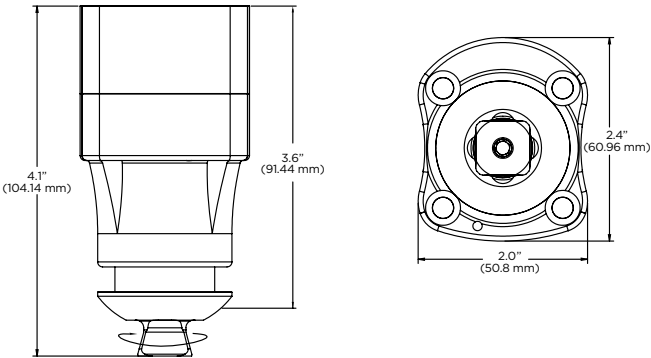
- PRODUCT WEIGHT:** 475 g

PRODUCT HEIGHT: 104.14 mm (4.1")

BUILD HEIGHT: Pump: 91.44 mm (3.6")

WARRANTY: 24 months from date of patient fitting

TRIAL PERIOD: 30 days from date of patient fitting



WHAT'S INCLUDED:



LimbLogic M Lamination Fabrication Kit
LLM-KIT-L

ADDITIONAL OPTION(S):



LimbLogic M Diagnostic Kit
LLM-11001

LIMBLOGIC® SLEEVE

PRODUCT HIGHLIGHTS:

- INNOVATIVE SILICONE SLEEVE WITH REPOSITIONABLE SILICONE CUFF
- RECOMMENDED FOR USE WITH LIMBLOGIC® AS WELL AS OTHER VACUUM SYSTEMS
- ENHANCES KNEE FLEXIBILITY
- REPAIRABLE SILICONE FOR EXTENDED SLEEVE WEAR
- USES PROPRIETARY PLATINUM-CURED, MEDICAL GRADE SILICONE

OVERVIEW

The LimbLogic Sleeve works with the LimbLogic controller to ensure an airtight, secure system. This fabric-covered silicone sleeve comes with a separate silicone cuff. The cuff is placed directly over the socket’s trim line for extra protection from wear and impact. The sleeve is then donned over the cuff.

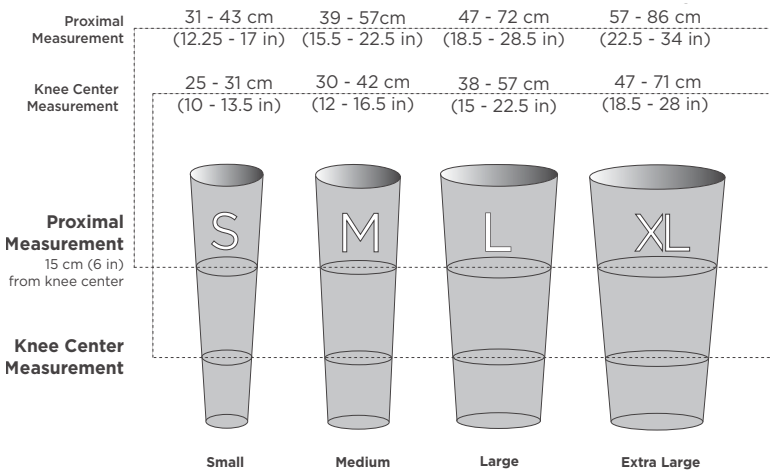
The LimbLogic Sleeve has a repositionable silicone cuff allowing patients using elevated vacuum to fix a leak immediately. This clever, yet simple, design allows the cuff to be repositioned. Should a patient puncture their sleeve, they can rotate the cuff and immediately regain an airtight seal. Additionally, the fabric used on the LimbLogic Sleeve enhances knee flexibility for ease and comfort of movement.



✔ **TRANSTIBIAL**

LCODE SUGGESTIONS: L5685

Sleeve Sizing:



Product	Item #	Product	Item #
LimbLogic® Sleeve with Cuff, Taupe, Small	LLS-CTSM	Replacement LimbLogic Sealing Cuff, Small	LLC-SM
LimbLogic Sleeve with Cuff, Black, Small	LLS-CKSM	Replacement LimbLogic Sealing Cuff, Medium	LLC-MD
LimbLogic Sleeve with Cuff, Taupe, Medium	LLS-CTMD	Replacement LimbLogic Sealing Cuff, Large	LLC-LG
LimbLogic Sleeve with Cuff, Black, Medium	LLS-CKMD	Replacement LimbLogic Sealing Cuff, Extra Large	LLC-XL
LimbLogic Sleeve with Cuff, Taupe, Large	LLS-CTLG		
LimbLogic Sleeve with Cuff, Black, Large	LLS-CKLG		
LimbLogic Sleeve with Cuff, Taupe, Extra Large	LLS-CTXL		
LimbLogic Sleeve with Cuff, Black, Extra Large	LLS-CKXL		

LIMBLOGIC ACCESSORIES:

LIMBLOGIC VACUUM PLATE

The LimbLogic Vacuum Plate is suitable for instances when there is insufficient clearance to mount LimbLogic controller, or pump, directly below the socket. The plate and the LimbLogic Vacuum Pyramid allow practitioners to relocate the controller while maintaining the inline design of a prosthesis. Additionally, practitioners may use the two components to retrofit existing vacuum sockets to use with LimbLogic.

PRODUCT WEIGHT: 50 g

WARRANTY: 12 months from date of patient fitting



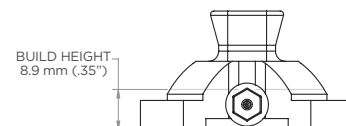
Product	Item #
LimbLogic Vacuum Plate	LLV-01043

LIMBLOGIC VACUUM PYRAMID

The LimbLogic Pyramid is suitable for instances when there is insufficient clearance to mount a LimbLogic Controller directly below the socket. The Vacuum Pyramid, along with the LimbLogic Vacuum Plate, allow clinicians to relocate the controller while maintaining the inline design of a prosthesis. With this vacuum pyramid clinicians may retrofit existing vacuum sockets for use with LimbLogic.

PRODUCT WEIGHT: 50 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
LimbLogic Vacuum Pyramid	LLV-01044

LIMBLOGIC SERVICE KIT

The LimbLogic Service Kit equips clinicians to replace check valves within LimbLogic units. Check valves may become clogged due to a build-up of salt crystals, typically caused by patient sweat. Clinicians may simply use the kit's tool and replacement components to quickly address clogs right in their own office and reduce patient downtime.

Product	Item #
LimbLogic Service Kit	LLV-SK
Extraction Tool	LLV-21087
Check Valves (4) and Spacer Rings (2)	LLV-21084
Exhaust Hose/Tube	LLV-21080
Exhaust Port Elbow/Tube Fitting	LLV-21082
Stainless Steel Screen Filters	LLV-21083
Proximal Gasket and Acrylic Disc	LLV-21085



WillowWood One®



WILLOWWOOD ONE® TF SYSTEM

PRODUCT HIGHLIGHTS:

USE SYSTEM WITH ELEVATED VACUUM OR AS A SUCTION SYSTEM
FEATURES TWO SEAL POINTS ENSURING THAT THE
AIRTIGHT SEAL DOES NOT BREAK
ONCE DONNED, NO NEED TO ADJUST PROSTHESIS
THROUGHOUT THE DAY

OVERVIEW

Reliable suspension for transfemoral amputees has been elusive due to the difficulty of systems maintaining airtight seals. The WillowWood One TF System, initiated through a grant from the U.S. Department of Veterans Affairs, provides a consistently secure and comfortable solution for transfemoral amputees with no hoses, sleeves, or extra bulk required. The suspension system controls pistoning, reduces sweating, allows for a comfortable walking gait, and monitors and responds to activity levels of the wearer.

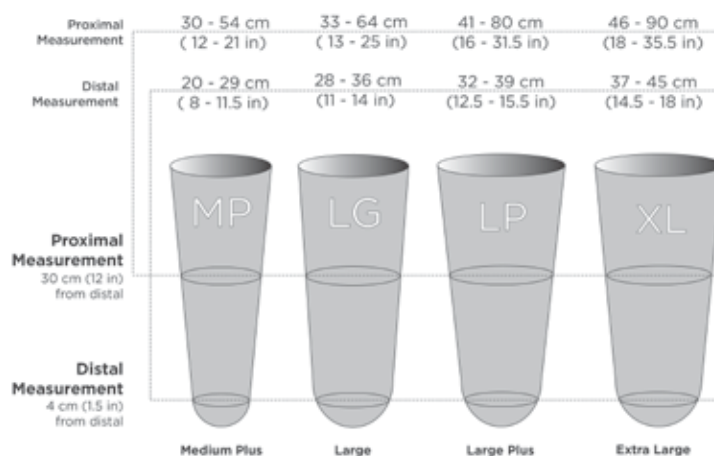
Diagnostic sockets for this system are created and fit by clinicians with the fabrication of removable brims and definitive sockets fabricated at WillowWood. By teaming the personal clinical service of our customers with WillowWood's specifically-trained Custom Solutions team, clinicians and their patients can be certain of receiving an air-tight definitive socket.



✓ TRANSFEMORAL

LCODE SUGGESTIONS: L5781 (vacuum only),
L5652 (suction only), L5679, L8417, L5701, L5651,
L7700, L5950, L5920, L5649, L5650, L5631

Sizing: Please refer to the illustrations for recommendations for fitting the fabricless Alpha SmartTemp Liner or Alpha Duo Liner for the WillowWood One System. The liner size determines the size of the One Gel Sock and One Seal.



Vacuum Side Mount Size**	SmartTemp Item #	Duo Item #
Medium Plus	ONE-TFVS-MP-S	ONE-TFVS-MP-D
Large	ONE-TFVS-LG-S	ONE-TFVS-LG-D
Large Plus	ONE-TFVS-LP-S	ONE-TFVS-LP-D
Extra Large	ONE-TFVS-XL-S	ONE-TFVS-XL-D
Vacuum Distal Mount Size**		
Medium Plus	ONE-TFVD-MP-S	ONE-TFVD-MP-D
Large	ONE-TFVD-LG-S	ONE-TFVD-LG-D
Large Plus	ONE-TFVD-LP-S	ONE-TFVD-LP-D
Extra Large	ONE-TFVD-XL-S	ONE-TFVD-XL-D

Separate/Replacement Items†	Item #
One Seal, Medium Plus	ONE-SEAL-MP
One Seal, Large	ONE-SEAL-LG
One Seal, Large Plus	ONE-SEAL-LP
One Seal, Extra Large	ONE-SEAL-XL
One System Alignment Buttons	ONE-AB3

** Liner size determines size of the One Gel Sock and One Seal.

† For a complete suction system, determine liner size, order corresponding liner and seal and CS-DSTF-302, CS-DSAD-380 & CS-DSAD-480.

WILLOWWOOD ONE® TT SYSTEM

PRODUCT HIGHLIGHTS:

USE SYSTEM WITH SUCTION SUSPENSION OR WITH
ELEVATED VACUUM

FEATURES TWO SEAL POINTS ENSURING THAT THE
AIRTIGHT SEAL DOES NOT BREAK

INTERNAL ONE SLEEVE ALLOWS GREATER KNEE FLEXION
THAN EXTERNAL SLEEVES



OVERVIEW

The WillowWood One TT system, for use with either elevated vacuum or suction suspension, provides an airtight seal, an internal sleeve, and socket security. The system was developed to be comfortable, control pistoning, facilitate a comfortable walking gait, and be compatible with various amputee activity levels. Clinical testing has shown unprecedented seal durability and compatibility with various activity levels and ages.

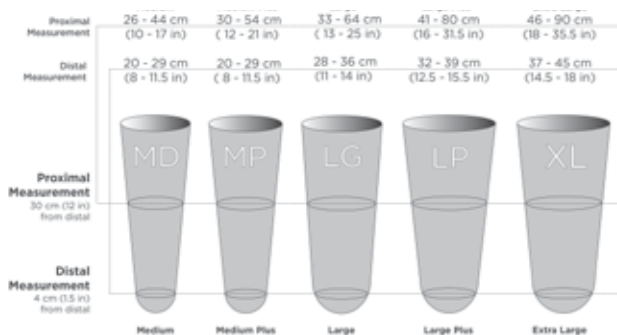
Components of the system include an Alpha Duo® Liner, a One Gel Sock, an optional LimbLogic®, a flexible inner socket, a One Sleeve, and the One Link. The components create an airtight system that moves with an amputee's residual limb for reliable suspension and all-day comfort.

✓ TRANSTIBIAL

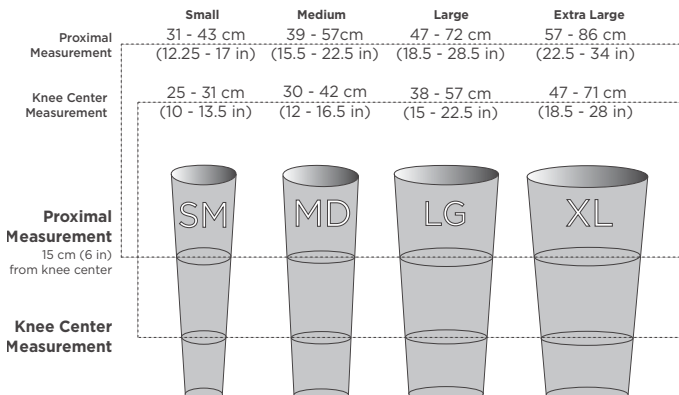
LCODE SUGGESTIONS: L5781 (vacuum only),
L5647 (suction only), L5679, L8417, L5700, L5645,
L5940, L5910, L5637, L5629, L5685

Liner Sizing:

Please refer to the illustrations for recommendations for fitting the Alpha Duo® Liner for the WillowWood One TT System. The liner size determines the size of the One Gel Sock.



Sleeve sizing differs slightly from that of the liner. Please refer to the illustrations below for recommendations for fitting the One Sleeve.



Liner Size/ Sleeve Size**	with Elevated Vacuum	with Suction Socket
Medium/Small	ONE-TTVD-MD-SM	ONE-TTSU-MD-SM
Medium/Medium	ONE-TTVD-MD-MD	ONE-TTSU-MD-MD
Medium Plus/Small	ONE-TTVD-MP-SM	ONE-TTSU-MP-SM
Medium Plus/Medium	ONE-TTVD-MP-MD	ONE-TTSU-MP-MD
Medium Plus/Large	ONE-TTVD-MP-LG	ONE-TTSU-MP-LG
Large/Medium	ONE-TTVD-LG-MD	ONE-TTSU-LG-MD
Large/Large	ONE-TTVD-LG-LG	ONE-TTSU-LG-LG
Large/Extra Large	ONE-TTVD-LG-XL	ONE-TTSU-LG-XL
Large Plus/Large	ONE-TTVD-LP-LG	ONE-TTSU-LP-LG
Large Plus/Extra Large	ONE-TTVD-LP-XL	ONE-TTSU-LP-XL
Extra Large/Extra Large	ONE-TTVD-XL-XL	ONE-TTSU-XL-XL

Vacuum part numbers include definitive socket fabrication.

** Liner size determines size of the One Gel Sock.

ONE SLEEVE

PRODUCT HIGHLIGHTS:

PRE-FLEXED AT 22.5°

ALLOWS FOR EASY KNEE FLEXION

USE WITH WILLOWWOOD ONE SYSTEM FOR AIRTIGHT SEAL



OVERVIEW

Designed for use with the WillowWood One® TT System, the One Sleeve is a pre-flexed internal sleeve that allows for a comfortable fit without limiting the knee’s range of motion. The fabric is adhered to the proximal and distal areas of the sleeve but left loose in between to allow for knee flexion without creating friction on the knee. The fabric-free proximal portion of the sleeve may be trimmed to suit patient needs. The sleeve is designed not to bunch behind the knee when standing, sitting or bending.

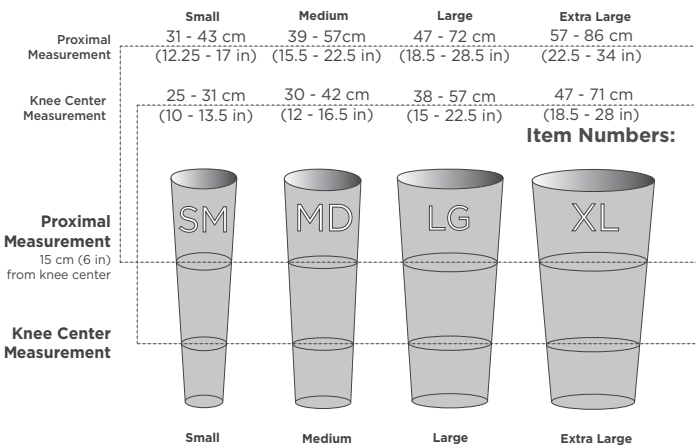
Unique among WillowWood’s sleeve products, the ‘fins’ on the One Sleeve establish an airtight seal between the flexible inner socket and the laminated socket when used as part of the WillowWood One TT System.

 **TRANSTIBIAL**

LCODE SUGGESTIONS: L5685

WARRANTY: 3 months from date of patient fitting

Sleeve Sizing:



Product	Item #
One Sleeve, Small	ONE-SLEEVE-TT-SM
One Sleeve, Medium	ONE-SLEEVE-TT-MD
One Sleeve, Large	ONE-SLEEVE-TT-LG
One Sleeve, Extra Large	ONE-SLEEVE-TT-XL

* When fabricated by WillowWood.

WILLOWWOOD ONE ACCESSORIES:

ALPHA SMARTTEMP® FABRICLESS LINER

The fabric-free Alpha SmartTemp AK Liner was specifically designed for use with the WillowWood One TF system. Alpha Silicone® is combined with the heat management technology of Outlast® to delay the onset of sweat. The liner's symmetrical 4.5 mm profile retrofits with the Alpha Duo Liner. A One Gel Sock is included.

WARRANTY: 12 months from date of patient fitting

TRIAL PERIOD: 30 days from date of patient fitting



✔ TRANSIBIAL

ALPHA DUO® LINER

The fabric-free Alpha Duo Liner features Alpha Classic gel on the interior with durable Alpha Silicone on the exterior. The symmetrical 4.5 mm profile retrofits with the fabricless Alpha SmartTemp AK Liner. The Alpha Duo Liner includes a One Gel Sock. The liner may be used in both the transfemoral and transtibial versions of the WillowWood One system.

WARRANTY: 12 months from date of patient fitting

TRIAL PERIOD: 30 days from date of patient fitting



✔ TRANSFEMORAL

✔ TRANSIBIAL

GEL SOCK

The One Gel Sock uses MAX fabric and has a thin layer of silicone on its interior. The sock protects a fabricless liner's exterior from premature wear, acts as an air wick, and allows vacuum to establish within a socket. Intended for use with the Alpha Duo Liner and the fabricless Alpha SmartTemp AK Liner.

WARRANTY: 12 months from date of patient fitting



✔ TRANSFEMORAL

✔ TRANSIBIAL

Product	Item #
One Gel Sock, Replacement, Medium	ONE-SOCK-MD
One Gel Sock, Replacement, Medium Plus	ONE-SOCK-MP
One Gel Sock, Replacement, Large	ONE-SOCK-LG
One Gel Sock, Replacement, Large Plus	ONE-SOCK-LP
One Gel Sock, Replacement, Extra Large	ONE-SOCK-XL

WILLOWWOOD ONE ACCESSORIES:

LIMBLOGIC® EXPULSION VALVE

Composed of a base, a one-way valve, and a release plug, the LimbLogic Expulsion Valve creates an easier donning and doffing process for an amputee using elevated vacuum. The valve, designed for transfemoral applications, is to be used in laminated sockets.

PRODUCT WEIGHT: 15 g
WARRANTY: 12 months from date of patient fitting
TRIAL PERIOD: 30 days from date of patient fitting



Product	Item #
LimbLogic Expulsion Valve	LLV-EV

ALIGNMENT BUTTONS

Alignment buttons aid in consistent donning and orientation of the WillowWood One TF System. The buttons provide a physical lock between the removable brim and the definitive socket.



Product	Item #
Alignment Buttons, Replacement, Qty: 3	ONE-AB3

ONE SEAL

The One Seal features ‘fins’ that create an airtight seal between the liner and the definitive socket. As part of the WillowWood One TF system, the silicone One Seal accommodates limb motion while maintaining a secure, airtight socket.

WARRANTY: 3 months from date of patient fitting



Product	Item #
One Seal, Replacement, Medium Plus	ONE-SEAL-MP
One Seal, Replacement, Large	ONE-SEAL-LG
One Seal, Replacement, Large Plus	ONE-SEAL-LP
One Seal, Replacement, Extra Large	ONE-SEAL-XL

WILLOWWOOD ONE ACCESSORIES:

ONE TT FABRICATION KIT

Use this kit when fabricating a suction version of the WillowWood One TT system. The kit includes: One Sleeve Dummy, 4-Hole Adapter, One Link Base, Screw Anchor, One Link Dummy, Screw, Poron Filter, Flange Bolt, One Link Nut, One Link Cap with O-Ring, Suction Pyramid (700-SP471), Stainless Steel M6x16 Flathead Cap Screws (4), and a Foam Muffler. The size of the fabrication kit ordered should correspond with the size of the One Sleeve used in the WillowWood One TT system.

WARRANTY: 12 months from date of patient fitting



Product	Item #
One TT Fabrication Kit, Small	ONE-TT-FABKIT-SM
One TT Fabrication Kit, Medium	ONE-TT-FABKIT-MD
One TT Fabrication Kit, Large	ONE-TT-FABKIT-LG
One TT Fabrication Kit, Extra Large	ONE-TT-FABKIT-XL

ONE LINK

The One Link locks the inner flexible socket and definitive socket together to assist with the security of the WillowWood One TT system.

PRODUCT WEIGHT: 8.5 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
One Link Replacement	ONE-TT-LINKKIT-R

TITANIUM SUCTION PYRAMID

The Titanium Suction Pyramid has a one-way air expulsion valve contained within a four-hole pyramid adapter. The pyramid is recommended for use in suction applications of the WillowWood One TT systems.

LCODE SUGGESTIONS: L5647 or L5652

PRODUCT WEIGHT: 64 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Titanium Suction Pyramid	700-SP471

Suspension



ALPHA ACCESSORIES:

VOLUME MANAGEMENT PADS

To help manage daily volume changes, place the Alpha Volume Management Pad between the limb and the liner in areas where volume has been lost. This product is a great alternative to socks for managing daily volume changes. Available in a set of three different sizes (small, medium, and large) or in a set of three pads of the same size. The pads are made of the same skin-friendly Classic gel that is used in Alpha Liners. Pads may be stacked on top of each other when necessary.

WARRANTY: 30 days from date of patient fitting

Size	Item #
Small	ALA-VM-SM
Medium (shown)	ALA-VM-MD
Large	ALA-VM-LG
One of each size	ALA-VM

Sold in sets of three.



ALPHA SOCKET PADS

Relieve pressure points or sensitive areas in the socket while maintaining total surface weight bearing by incorporating these fabric-covered pads into the socket. Alpha Socket Pads are available in four shapes: circular, small oval, large oval, tear drop. The pads are sold in sets of four pads and in the Buff color only.

WARRANTY: 30 days from date of patient fitting

Size	Item #	Size	Item #
Circular (12 mm)	ALA-S1	Circular (6 mm)	ALA-S6
Small Oval (12 mm)	ALA-S2	Small Oval (6 mm)	ALA-S7
Large Oval (12 mm)	ALA-S3	Large Oval (6 mm)	ALA-S8
Tear Drop (12 mm)	ALA-S4	Tear Drop (6 mm)	ALA-S9
4 Different (12 mm)	ALA-S5	4 Different (6 mm)	ALA-S0

Sold in sets of four.



ALPHA GEL CUPS

An additional 3 mm of gel on the distal end of the residual limb adds thickness to the liner and protects sensitive limbs. Alpha Gel Cups are available in four sizes and sold individually. These gel cups are made of Alpha Classic Gel and fit well with Alpha Liners.

WARRANTY: 30 days from date of patient fitting

Size	Item #
Small	ALA-CS-1
Medium	ALA-CM-1
Large	ALA-CL-1
Extra Large	ALA-CX-1



LOCKING SUSPENSION:

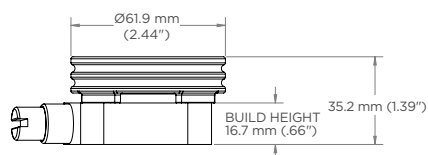
ALPHA® LOCK

The contoured design allows for easy pin alignment within the locking mechanism. The Alpha Lock has a built-in one-way expulsion air valve which minimizes pistoning. Available with or without a titanium pyramid. The Alpha Lock is part of the Alpha Interlock™ Suspension System. This system allows you to interchange suspension methods without remaking a socket. The Alpha Lock may be used in laminated or thermoplastic sockets.

LCODE SUGGESTIONS: L5671

PRODUCT WEIGHT: 221 g
277 g with optional titanium pyramid
70 g distal adapter only, including fabrication post

WARRANTY: 12 months from date of patient fitting



Product	Item #
Alpha Interlock Suspension System with Alpha Lock	700-AIS480
Alpha Interlock Suspension System with Alpha Lock with Titanium Pyramid	700-AIS481
Alpha Interlock Suspension System Lock Pin 1-1/2"	700-AIS482
Alpha Interlock Suspension System Hardware Kit	700-AIS483
Alpha Interlock Suspension System One-Way Valve	700-AIS484
Alpha Interlock Suspension System Suction Insert Body ONLY	700-AIS486
Alpha Interlock Suspension System Poron Filter	700-AIS487
Alpha Interlock Suspension System Lock Pin 2"	700-AIS488
Alpha Interlock Suspension System O-Rings, set of 10	700-AIS489
Alpha Interlock Suspension System Lock Body ONLY	700-AIS492

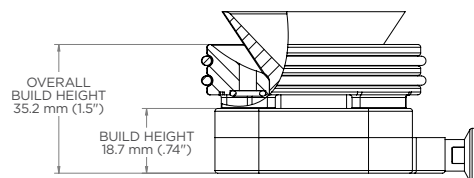
ALPHA® LANYARD

The Alpha Lanyard includes suction with a one-way air expulsion valve plus a locking mechanism. Product design features an easy release mechanism. Available with or without a titanium pyramid. The lanyard is part of the Alpha Interlock™ Suspension System. This system allows you to interchange suspension methods without remaking a socket.

LCODE SUGGESTIONS: L5671

PRODUCT WEIGHT: 181 g
250 g with optional titanium pyramid
70 g distal adapter only, including fabrication post

WARRANTY: 12 months from date of patient fitting



Product	Item #
Alpha Lanyard Interlock Suspension System with Alpha Lanyard	700-AIS100
Alpha Lanyard Interlock Suspension System with Alpha Lanyard with Titanium Pyramid	700-AIS101

LOCKING SUSPENSION:

ALPHA® LAMINATION LOCK

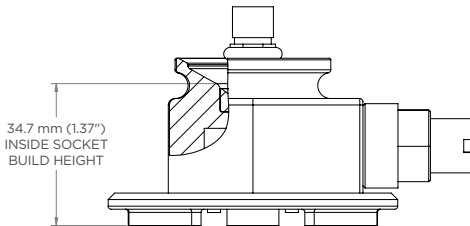
The Alpha Lamination Lock is small in size, light in weight, and can be used in either a one-step or a two-step lamination. With the incorporation of an attachment plate in a two-step lamination, various angle options can be utilized to optimize foot alignment instead of allowing the shuttle lock to dictate alignment. The Alpha Lamination Lock adapts to all six Alpha Locking Liner sizes — from small to extra-large. An airtight fit is achieved with the inclusion of a pin seal, which seals off the socket. One pin is included with each lock.

LCODE SUGGESTIONS: L5671

PRODUCT WEIGHT: 200 g

WARRANTY: 12 months from date of patient fitting

Product	Item #
Alpha Lamination Lock	700-AL600
Alpha Lamination Lock with Titanium Pyramid	700-AL601
Alpha Lamination Lock - Lock Mechanism	700-AL602
Alpha Lamination Lock - Attachment Plate	700-AL603



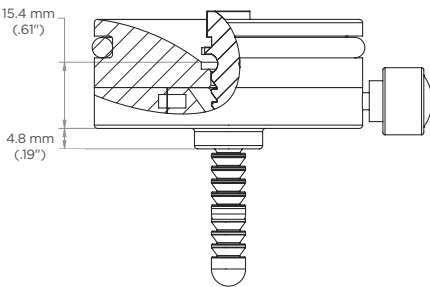
G-LOCK

The G-Lock includes a one-way expulsion valve to provide suction suspension as well as a standard pin locking mechanism with pin seal. The lock allows a user to secure the locking pin in place at the nearest groove. With this unique design, amputees receive the security of a pin while minimizing pistoning through the use of suction. With its drop-in design, the G-Lock is CAD-friendly yet also easy to work with in traditional fabrication processes. For use in laminated or thermoplastic sockets, the G-Lock is easy to fabricate, allows for one-step lamination, and has a four-hole pattern for attachment to the socket. The G-Lock comes with one 38 mm pin. A tooling kit is required for use with the G-Lock.

LCODE SUGGESTIONS: L5671

PRODUCT WEIGHT: 160 g
216 g with optional pyramid

WARRANTY: 12 months from date of patient fitting



Product	Item #	REPLACEMENT PARTS	Item #
G-Lock	700-GL480	G-Lock Pin, 10mm x 38mm	700-GL482
G-Lock with Titanium Pyramid	700-GL481	G-Lock Pin, 10mm x 51mm	700-GL488
G-Lock Lamination Tooling	700-GL491	G-Lock Button and Stem	700-GL493
G-Lock Thermoplastic Tooling	700-GL492		

LOCKING SUSPENSION:

MINI G-LOCK

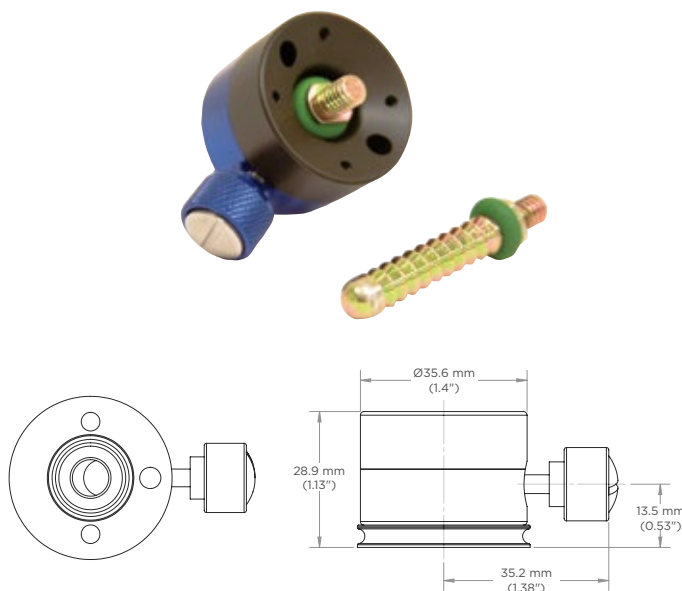
The Mini G-Lock is designed to meet the needs of upper extremity and pediatric amputees. The Mini G-Lock has a standard pin locking mechanism with pin seal. The design of this small lock allows the user to secure the locking pin in place at the nearest groove. The Mini G-Lock is CAD-friendly but still easy to use in traditional fabrication processes. The Mini G-Lock can be used in both exoskeletal and endoskeletal prostheses. Only use this lock with laminated sockets.

LCODE SUGGESTIONS: L5671

PRODUCT WEIGHT: 67 g

WARRANTY: 12 months from date of patient fitting

Product	Item #
Mini G-Lock	700-MGL480
Mini G-Lock Body Only	700-MGL490
Mini G-Lock Fabrication Tooling	700-MGL491
Mini G-Lock Pin, Short	700-MGL482
Mini G-Lock Pin, Long	700-MGL488
Mini G-Lock Button and Stem	700-MGL492



SUCTION SUSPENSION:

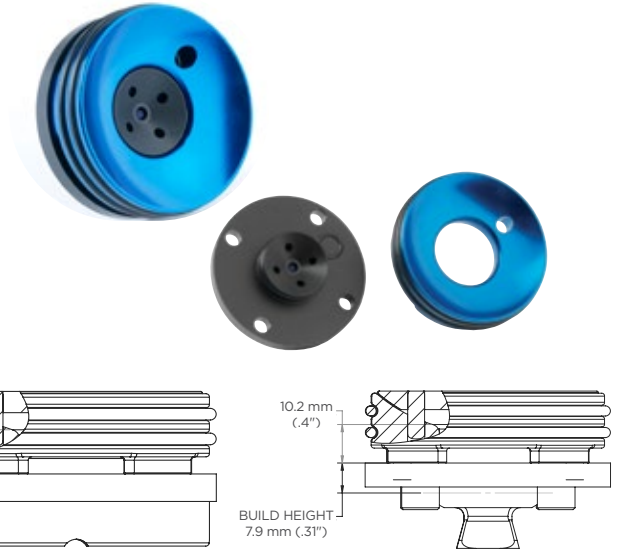
ALPHA® SUCTION INSERT

The Suction Insert is a lightweight suction device that is easy to fabricate into a socket by using a common distal adapter. The suction insert is part of the Alpha Interlock™ Suspension System. This system allows you to interchange suspension methods from suction to locking without remaking a socket.

LCODE SUGGESTIONS: L5647, L5652

PRODUCT WEIGHT: 113 g
181 g with titanium pyramid
70 g distal adapter

WARRANTY: 12 months from date of patient fitting



Product	Item #
Alpha Interlock Suspension System with Alpha Suction Insert	700-AIS500
Alpha Interlock Suspension System with Alpha Suction Insert with Titanium Pyramid	700-AIS501

SUCTION SPACER PLATE

The Suction Spacer Plate contains a maintenance-free expulsion valve and is used for converting any socket with a four-hole pattern into a suction socket. Weighing only 36 grams and measuring only 3/8" (9.5 mm) thick, the Suction Spacer Plate is available by itself or packaged in a kit with one of our 4-hole components.

LCODE SUGGESTIONS: L5647, L5652

PRODUCT WEIGHT: 36 g

WARRANTY: 12 months from date of patient fitting

Product	Item #
Suction Spacer Plate	700-SP500



SUCTION SUSPENSION:

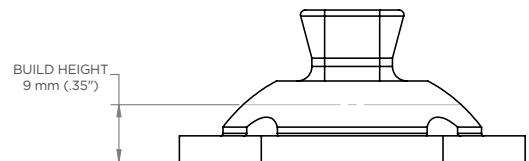
SUCTION PYRAMID

The Suction Pyramid is the recommended suspension product for laminated sockets. Its one-way air expulsion valve is contained within a four-hole pyramid adapter and bolted onto the distal end of the socket. Available in either stainless steel or titanium, the Suction Pyramid can be purchased by itself or in a kit with a Laminated Socket Attachment Block.

LCODE SUGGESTIONS: L5647, L5652

PRODUCT WEIGHT: Stainless Steel: 100 g
Titanium: 64 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Magnum Titanium Suction Pyramid (61 g)	MHD-SP4
Suction Pyramid Kit - Stainless Steel	700-SP460
Suction Pyramid - Stainless Steel (100 g)	700-SP461
Suction Pyramid Kit - Titanium	700-SP470
Suction Pyramid - Titanium (64 g)	700-SP471
Suction Pyramid One Way Valve	700-AL486
Suction Spacer Plate	700-SP500
Screen	700-AB452
Alpha Interlock Suspension System Poron Filter	700-AIS487

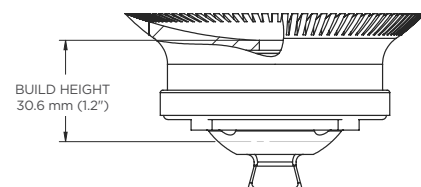
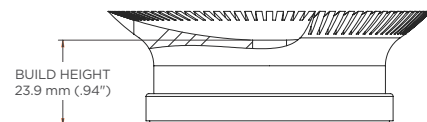
ALPHA® SUCTION PRO

Easy to install, this suction component provides outstanding suction suspension in either thermoplastic or laminated sockets. Besides including a maintenance-free air expulsion valve, the Alpha Suction Pro supplies additional cushioning at the distal end. A one-time purchase of a reusable tooling kit is required.

LCODE SUGGESTIONS: L5647, L5652

PRODUCT WEIGHT: 113 g
169 g with Titanium Pyramid

WARRANTY: 12 months from date of patient fitting



Product	Item #
Alpha Suction Pro	700-SP100
Alpha Suction Pro with Titanium Pyramid	700-SP101
Alpha Suction Pro Lamination Tooling Kit	700-SP110
Alpha Suction Pro Thermoplastic Tooling Kit	700-SP111
Alpha Suction Pro Valve Kit	700-SP300

ALPHA CLASSIC® SLEEVE

PRODUCT HIGHLIGHTS:

- ORIGINAL FABRIC AND MINERAL-OIL-BASED GEL
- AIDS IN CREATING SUCCESSFUL SUSPENSION SOLUTION
- INTERIOR FABRIC CUFF PREVENTS DAMAGE TO ALPHA GEL
- FOUR SIZES

OVERVIEW

The Alpha Classic Sleeve is composed of Alpha gel and fabric on both the outside and inner cuff. It can be used in conjunction with any of our suction suspension products to obtain added security with an airtight seal. This seal features an interior fabric cuff to protect the Alpha gel from being damaged by the socket trim line.

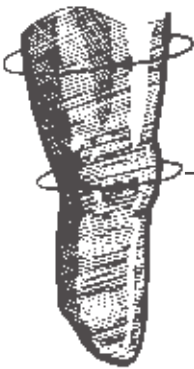
- PRODUCT COLOR:** Buff
- SLEEVE THICKNESS:** 3 mm
- WARRANTY:** 2 months from date of patient fitting



✔ **TRANSTIBIAL**

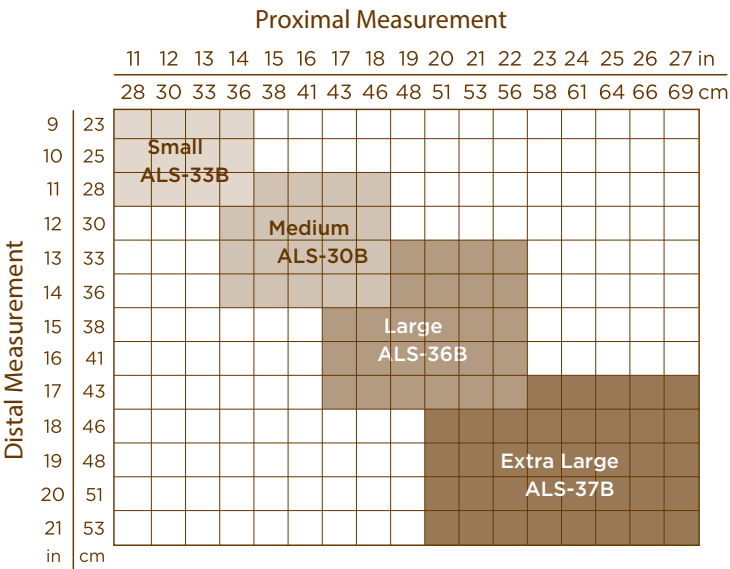
LCODE SUGGESTIONS: L5685

Sleeve Sizing:



Proximal circumference is measured 6" (15 cm) from center of patella.

Distal circumference is measured at center of patella.



Size	Item #
Small	ALS-33B
Medium	ALS-30B
Large	ALS-36B
Extra Large	ALS-37B

ALPHA HYBRID® SLEEVE

PRODUCT HIGHLIGHTS:

- PROVIDES EXTRA PROTECTION AT SOCKET BRIM LINE
- FEATURES HYBRID GEL
- FLEXIBLE FABRIC



OVERVIEW

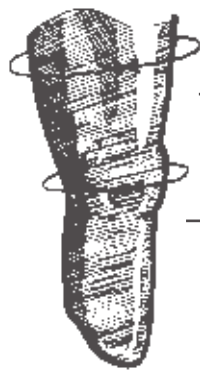
Featuring a highly flexible fabric for greater comfort, flexibility and increased range of motion, the Alpha Hybrid Sleeve may be used with locking suspension, suction suspension, or with LimbLogic® for creating an airtight seal. The Alpha Hybrid Sleeve uses Hybrid Gel which provides a balance of greater durability with comfort. For even more durability, the Alpha Hybrid Sleeve features a contoured polyurethane pad on the interior fabric cuff. This pad, which covers the typical socket brim, helps reduce damage to the seal due to impacts in the brim area.

- PRODUCT COLOR: Buff, Black
- SLEEVE THICKNESS: 3 mm
- WARRANTY: 3 months from date of patient fitting

✓ TRANSTIBIAL

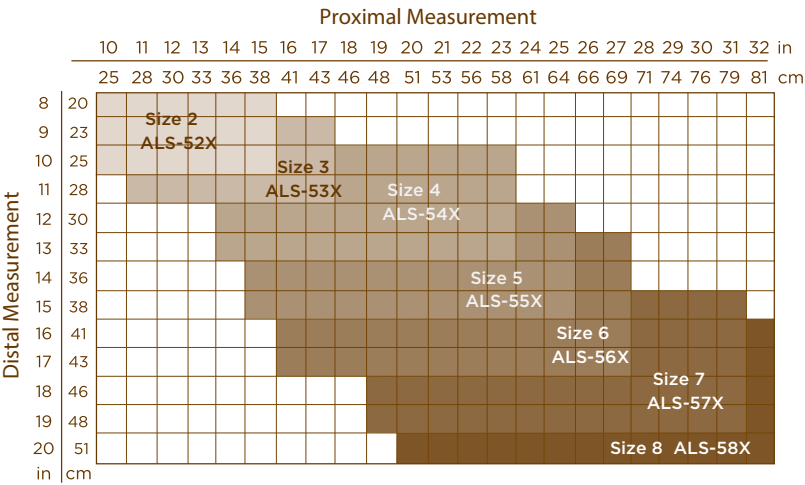
LCODE SUGGESTIONS: L5685

Sleeve Sizing:



Proximal circumference is measured 6" (15 cm) from center of patella.

Distal circumference is measured at center of patella.



*Hybrid Sleeve sizes 3-8 have staggered ranges of measurements.

Size	Item #	
	Buff	Black
Size 2	ALS-52B	ALS-52K
Size 3	ALS-53B	ALS-53K
Size 4	ALS-54B	ALS-54K
Size 5	ALS-55B	ALS-55K
Size 6	ALS-56B	ALS-56K
Size 7	ALS-57B	ALS-57K
Size 8	ALS-58B	ALS-58K

ALPHA HYBRID® AK SLEEVE

PRODUCT HIGHLIGHTS:

FEATURES HYBRID GEL
FLEXIBLE FABRIC

OVERVIEW

Designed specifically for transfemoral amputees, the Alpha Hybrid AK Sleeve may be used with suction suspension as well as with LimbLogic® for creating an airtight seal. The sleeve features the same flexible fabric as the transtibial Alpha Hybrid Sleeve. The Alpha Hybrid AK Sleeve also uses Hybrid Gel providing a balance of greater durability with comfort.

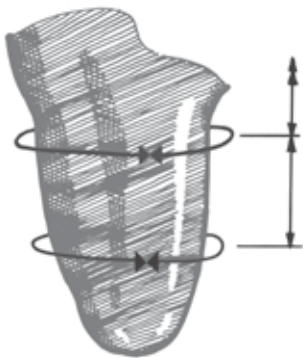
- PRODUCT COLOR: Black
- SLEEVE THICKNESS: 3 mm
- WARRANTY: 3 months from date of patient fitting



✓ TRANSFEMORAL

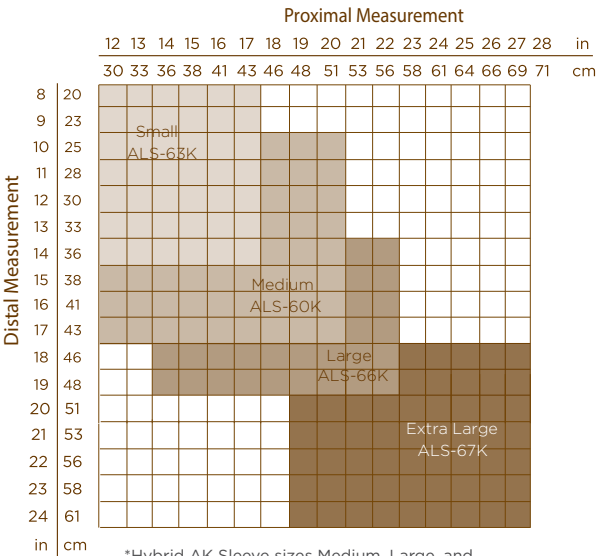
LCODE SUGGESTIONS: L5999

Sleeve Sizing:



Proximal circumference is measured 2" (5 cm) from the Ischial Tuberosity.

Distal circumference is measured 6" (15 cm) from the proximal measurement.



*Hybrid AK Sleeve sizes Medium, Large, and Extra Large have staggered ranges of measurements.

Size	Item #
Small	ALS-63K
Medium	ALS-60K
Large	ALS-66K
Extra Large	ALS-67K

LIMBLOGIC® SLEEVE

PRODUCT HIGHLIGHTS:

- INNOVATIVE SILICONE SLEEVE WITH REPOSITIONABLE SILICONE CUFF
- RECOMMENDED FOR USE WITH LIMBLOGIC AS WELL AS OTHER VACUUM SYSTEMS
- ENHANCES KNEE FLEXIBILITY
- REPAIRABLE SILICONE FOR EXTENDED SLEEVE WEAR
- USES PROPRIETARY PLATINUM-CURED, MEDICAL GRADE SILICONE



OVERVIEW

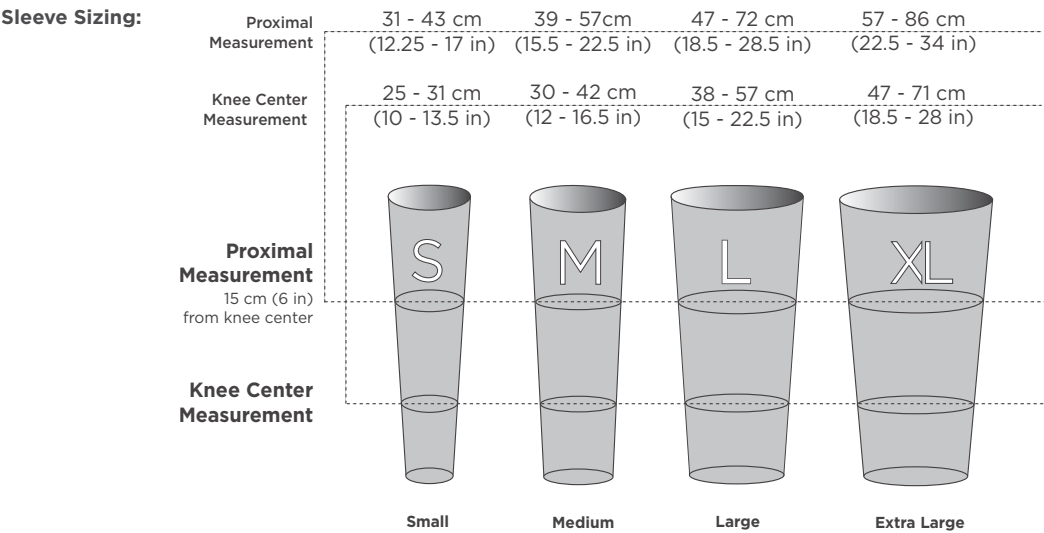
The LimbLogic Sleeve works with the LimbLogic controller to ensure an airtight, secure system. This fabric-covered silicone sleeve comes with a separate silicone cuff. The cuff is placed directly over the socket’s trim line for extra protection from wear and impact. The sleeve is then donned over the cuff.

The LimbLogic Sleeve has a repositionable silicone cuff allowing patients using elevated vacuum to fix a leak immediately. This clever, yet simple, design allows the cuff to be repositioned. Should a patient puncture their sleeve, they can rotate the cuff and immediately regain an airtight seal. Additionally, the fabric used on the LimbLogic Sleeve enhances knee flexibility for ease and comfort of movement.

- PRODUCT COLOR:** Available in Taupe or Black
- SLEEVE THICKNESS:** 3 mm
- CUFF THICKNESS:** 2 mm tapering to 1.5 mm at proximal and distal
- WARRANTY:** 3 months from date of patient fitting

✔ **TRANSTIBIAL**

LCODE SUGGESTIONS: L5685



Product	Item #	Product	Item #
LimbLogic® Sleeve with Cuff, Taupe, Small	LLS-CTSM	Replacement LimbLogic® Sealing Cuff, Small	LLC-SM
LimbLogic® Sleeve with Cuff, Black, Small	LLS-CKSM	Replacement LimbLogic® Sealing Cuff, Medium	LLC-MD
LimbLogic® Sleeve with Cuff, Taupe, Medium	LLS-CTMD	Replacement LimbLogic® Sealing Cuff, Large	LLC-LG
LimbLogic® Sleeve with Cuff, Black, Medium	LLS-CKMD	Replacement LimbLogic® Sealing Cuff, Extra Large	LLC-XL
LimbLogic® Sleeve with Cuff, Taupe, Large	LLS-CTLG		
LimbLogic® Sleeve with Cuff, Black, Large	LLS-CKLG		
LimbLogic® Sleeve with Cuff, Taupe, Extra Large	LLS-CTXL		
LimbLogic® Sleeve with Cuff, Black, Extra Large	LLS-CKXL		

Feet



SACH FOOT

PRODUCT HIGHLIGHTS:

- FLEXIBLE TOE BELTING WITH THREE TOE RESISTANCES
- MOLDED-IN TITANIUM PYRAMID MAKES FOOT LIGHTWEIGHT AND INEXPENSIVE
- LOW-ACTIVITY, WATER-RESISTANT FOOT



OVERVIEW

Expanding on the benefits of the traditional SACH foot, this low activity model is created with a titanium pyramid already attached. Since no bolt is needed, this model weighs less than traditional SACH feet with a separate pyramid attachment. Available in a unisex, lifelike, water-resistant cosmesis, the SACH Foot with Titanium Pyramid offers a lightweight composite heel, flexible toe belting with three toe resistances, two heel heights, and interchangeable heel inserts. All three heel inserts are included with each foot.

Toe Resistance Chart:

To select proper toe resistance:

- 1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
- 2. Using adjusted body weight, select toe resistance from the chart below.

≤ 130 lbs (≤ 59 kg)	Low (2)
131-180 (60-81 kg)	Regular (3)
181-250 lbs (82-115 kg)	High (4)

Item Numbers:

Ordering Example: SFP-22RB-3M

SACH Foot with Titanium Pyramid, 22 cm, right foot, buff color, regular toe resistance, medium heel height

SFP- 22RB-3M

Model:	Size of Foot:	Foot:	Color:	Toe Resistance:	Heel Height:
SFP = SACH Foot with Titanium Pyramid	22 to 31 cm	L = Left R= Right	B = Buff M = Medium Brown T = Tan	2 = Low 3 = Regular 4 = High	L = Low 10 mm (3/8") M = Medium 18 mm (3/4")

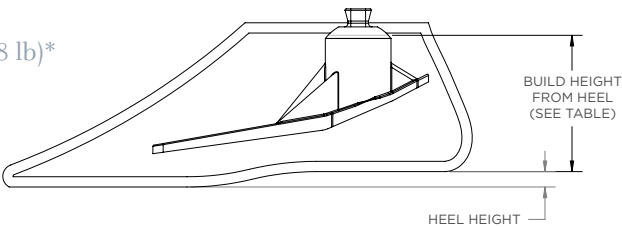
SACH FOOT: SPECIFICATIONS

PRODUCT WEIGHT: SACH Foot with Titanium Pyramid: 490 g (1.08 lb)*

HEEL HEIGHT: 18 mm (3/4")
10 mm (3/8")

HEEL INSERT DENSITIES: Soft, Medium, Firm

WARRANTY: 12 months from date of patient fitting



Size	Build Height (mm)
22 - 26; 3/8" HEEL	86 +/- 5
27 - 31; 3/8" HEEL	93 +/- 5
22 - 26; 3/4" HEEL	78 +/- 10
27 - 31; 3/4" HEEL	85 +/- 10

WHAT'S INCLUDED:



SACH Foot Heel Inserts (all 3 densities):
22-26 cm foot / 18 mm heel: 700-HEEL-D
27-31 cm foot / 18 mm heel: 700-HEEL-W
22-26 cm foot / 10 mm heel: 700-HEEL-E
27-31 cm foot / 10 mm heel: 700-HEEL-X



Foot cosmesis in buff, medium brown or tan

* Based on 26 cm foot.

SINGLE AXIS FOOT

PRODUCT HIGHLIGHTS:

MOLDED-IN TITANIUM PYRAMID
INTERCHANGEABLE ANTERIOR AND POSTERIOR BUMPERS
LOW-ACTIVITY, WATER-RESISTANT FOOT



OVERVIEW

Constructed of strong, lightweight composites and an advanced design, WillowWood offers the most progressive Single Axis Foot available. Ten to twenty percent lighter than conventional Single Axis Feet, this low-activity model features a unisex, lifelike, water-resistant cosmesis and interchangeable anterior and posterior bumpers in three durometers. Includes a molded-in titanium pyramid. It features a lifelike cosmesis and interchangeable anterior and posterior bumpers in three durometers.

LCODE SUGGESTIONS: L5974

Bumper Selection Guidelines

Foot Size	Soft	Anterior Bumper Medium	Firm	Soft	Posterior Bumper Medium	Firm
22-23 cm	≤ 120 lbs (55 kg)	120-250 lbs (55-115 kg)	-	≤ 165 lbs (75 kg)	166-250 lbs (76-115 kg)	-
24-25 cm	-	≤ 250 lbs (115 kg)	-	≤ 175 lbs (79 kg)	176-250 lbs (80-115 kg)	-
26-27 cm	-	≤ 185 lbs (84 kg)	186-250 lbs (85-115 kg)	-	≤ 250 lbs (115 kg)	-
28-29 cm	-	≤ 195 lbs (89 kg)	196-250 lbs (90-115 kg)	-	≤ 195 lbs (89 kg)	196-250 lbs (90-115 kg)
30-31 cm	-	≤ 160 lbs (73 kg)	161-250 lbs (73-115 kg)	-	≤ 160 lbs (73 kg)	161-250 lbs (73-115 kg)

Toe Resistance Chart:

To select proper toe resistance:

1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
2. Using adjusted body weight, select toe resistance from the chart below.

≤ 130 lbs (≤ 59 kg)

Low (2)

131-180 (60-81 kg)

Regular (3)

181-250 lbs (82-115 kg)

High (4)

Item Numbers:

Ordering Example: SAA-26LB-2L-MM

Single Axis Foot Assembly, 26 cm, left foot, buff color, low toe resistance, low heel height, medium anterior bumper, medium posterior bumper
(bumper information not required when ordering foot only)

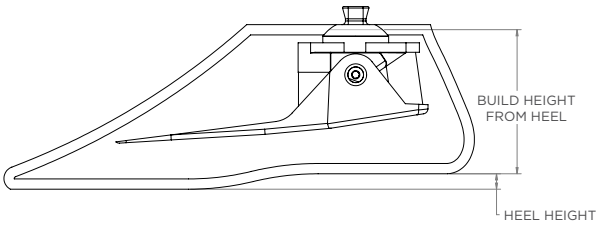
SAA- 26LB-2L-MM

Anterior Bumper
Posterior Bumper
M = Medium

Model:	Size of Foot:	Foot:	Color:	Toe Resistance:	Heel Height:
SAA = Single Axis Foot Assembly	22 to 31 cm	L = Left R = Right	B = Buff M = Medium Brown T = Tan	2 = Low 3 = Regular 4 = High	L = Low 10 mm (3/8") M = Medium 18 mm (3/4")

SINGLE AXIS FOOT: SPECIFICATIONS

- PRODUCT WEIGHT:** Single Axis Assembly: 571 g (1.27 lb)*
- HEEL HEIGHT:** 18 mm (3/4")
10 mm (3/8")
- BUILD HEIGHT:** Single Axis Foot Assembly: 8.89 cm (3.5")
- COSMESIS:** Unisex, Lifelike in Buff, Tan or Medium Brown
- WARRANTY:** 12 months from date of patient fitting



Build Height	Heel Height (in)
8.13 cm	3/8 in
7.36 cm	3/4 in

WHAT'S INCLUDED: with Single Axis Foot Assembly



- Anterior and Posterior Deflection Bumpers:
SA Anterior Deflection Bumper, Medium (black) SAF-00132
SA Posterior Deflection Bumper, Medium (green) SAF-00142



Foot cosmesis in buff,
medium brown or tan

ADDITIONAL OPTION(S):

- | | | | |
|--|-----------|------------------------------|-----------|
| Anterior and Posterior Deflection Bumpers: | | Replacement Parts: | |
| SA Anterior Deflection Bumper, Soft (blue) | SAF-00128 | SA Ankle Joint Bushing, pair | SAF-00120 |
| SA Anterior Deflection Bumper, Firm (white) | SAF-00134 | SA Ankle Pin Retaining Screw | SAF-00121 |
| SA Posterior Deflection Bumper, Soft (yellow) | SAF-00140 | SA Ankle Pin Snap Ring (2) | SAF-00122 |
| SA Posterior Deflection Bumper, Firm (red) | SAF-00144 | SA Ankle Pin | SAF-00125 |
| Set of 6 Anterior and Posterior Deflection Bumpers | SAF-00130 | SA Pin Hole Plug, pair | SAF-00126 |

* Based on 26 cm foot, ankle, pin, bumpers.

DURAWALK™ FOOT

PRODUCT HIGHLIGHTS:

- HIGHLY FLEXIBLE TOE SPRING
- LOW-ACTIVITY FOOT WITH 350 LB WEIGHT LIMIT
- MULTI-AXIAL FUNCTION
- MODULAR, REPLACEABLE FOOT SHELL ALLOWS EASY ACCESS FOR CLINICAL ADJUSTMENTS
- THREE URETHANE HEEL DENSITY OPTIONS



OVERVIEW

WillowWood's most advanced low-activity foot is the DuraWalk. The integrated design of the toe pad, urethane heel, and foot shell provides multi-axial function for the user. The flexible toe spring allows for a smooth gait cycle while the foot's multi-axial function provides stability on uneven terrain. Clinicians may change the heel density of the foot in order to maximize function. The foot's construction and performance make it suitable for both transtibial and transfemoral amputee use for patients up to 350 pounds.

The DuraWalk Foot Shell, available separately, is molded specifically for the foot to provide a perfect fit. The low-cut foot shell permits easy access to the foot for clinical adjustments. The slightly flexible foot shell allows a better fit in various shoe styles and has a reinforced sole for increased durability. In addition to exceptional performance and an economical price, the DuraWalk Foot provides a modern, attractive design generally reserved for high activity feet.

LCODE SUGGESTIONS: L5972, L5986

Toe Resistance Chart

To select proper toe resistance:

1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
2. Using adjusted body weight, select toe resistance from the chart below.

≤150 lbs (≤68 kg)	Very Low (1)
151-200 lbs (69-90 kg)	Low (2)
201-250 lbs (91-113 kg)	Regular (3)
251-300 lbs (114-136 kg)	High (4)
301-350 lbs (137-160 kg)	Very High (5)

Item Numbers:

Ordering Example: DWF-2324-1 and FSDW-23LB

DuraWalk Foot, 23-24 cm, very low toe resistance. DuraWalk Foot Shell, 23 cm, left, buff

DWF-2324-1

Name Code:	Size (cm):	Toe Resistance:
DWF = DuraWalk Foot	2324 = 23-24 cm	1 = Very Low
	2526 = 25-26 cm	2 = Low
	2728 = 27-28 cm	3 = Regular
	2930 = 29-30 cm	4 = High
		5 = Very High

FSDW-23LB

Size (cm):	Side of Foot:	Color:
2324 = 23-24 cm	L = Left	B = Buff
2526 = 25-26 cm	R = Right	M = Medium Brown
2728 = 27-28 cm		T = Tan
2930 = 29-30 cm		

DURAWALK™ FOOT: SPECIFICATIONS

HEEL HEIGHT: 10 mm (3/8")

**APPROXIMATE
PRODUCT WEIGHT:** 502 g (1.11 lb)*

**HEEL INSERT
DENSITIES:** Soft, Medium, Firm

COSMESIS: Lifelike in Buff, Tan or Medium Brown

WARRANTY: 12 months from date of patient fitting for foot
9 months from date of patient fitting for foot shell



WHAT'S INCLUDED:



DuraWalk Foot



Soft Heel Insert
23-26 cm: DWH-SS
27-30 cm: DWH-LS



Medium Heel Insert
23-26 cm: DWH-SM
27-30 cm: DWH-LM

ADDITIONAL OPTION(S):



Firm Heel Insert
23-26 cm: DWH-SF
27-30 cm: DWH-LF



Foot Shell with Foot Sock
23-30 cm: FSDW-XXXX.
Includes black spectra sock.
(For a complete item number,
specify size, side, and color)



Foot Sock
700-SS001

* Based on 26 cm foot with foot shell.

IMPULSE® FOOT

PRODUCT HIGHLIGHTS:

FLEXIBLE FOOT WITH OUTSTANDING TOE RESPONSE

RECESSED KEEL ALLOWS FOR ENDOSKELETAL,
EXOSKELETAL, OR SYMES APPLICATIONS

PAIR WITH IMPULSE ANKLE FOR ADDED STABILITY



OVERVIEW

The Impulse Foot consists of a composite foot plate attached to a carbon/nylon keel. The foot plate is composed of the same high-performing composite material used in the Pathfinder® II Foot. The foot provides high energy return, flexibility, and good toe response. Featuring a recessed keel, the Impulse can be used for endoskeletal, exoskeletal, or Symes applications. Partner the foot with the multiaxial Impulse Ankle for added stability on uneven ground. The Impulse foot carries a weight limit of up to 350 lbs (160 kg).

The Impulse Symes System includes an Impulse Symes Foot and a Symes Adapter Kit. The keel of the Impulse Symes Foot is curved at the same radius as the Symes Socket Adapter, eliminating the need for any type of interface plate and slightly lowering the clearance needed. The Symes Adapter Kit allows angular adjustments (during the alignment phase) as well as length adjustments. The Impulse Symes foot carries a weight limit of up to 250 lbs (115 kg).

LCODE SUGGESTIONS: L5976
L5986 (with ankle)

To select proper toe resistance & ankle stiffness:

The patient's body weight plus any loads normally or routinely carried must not exceed 350 lbs (160 kg) for the Impulse Foot. This "modified body weight" is used to determine toe resistance.

Choose ankle stiffness by patient's modified body weight**.

Toe Resistance Chart

Very Low (1)	≤110 lbs (≤49 kg)
Low (2)	111-150 lbs (50-68 kg)
Regular (3)	151-190 lbs (69-86 kg)
High (4)	191-230 lbs (87-104 kg)
Very High (5)	231-270 lbs (105-122 kg)
Heavy Duty Toe #1 (6)	271-310 lbs (123-140 kg)
Heavy Duty Toe #2 (7)	311 - 350 lbs (141-160 kg)

Ankle Stiffness Chart

Red	IMPA-R
Red	IMPA-R
Blue	IMPA-B
Yellow	IMPA-Y
Green	IMAP-G
Black	IMPA-K
White	IMPA-W

Item Numbers:

Ordering Example: IMPM-26LB-4M

Impulse Mens Foot, 26 cm, left foot, buff color, high toe resistance, medium heel height

IMPM- 26LB-4M

Model:	Size of Foot:	Foot:	Color:	Toe Resistance:	Heel Height:
IMPM = Impulse Mens Foot IMPW = Impulse Womens Foot	Mens: 22-31 cm Womens: 22-27 cm	L = Left R= Right	B = Buff M = Medium Brown T = Tan	1 = Very Low 2 = Low 3 = Regular 4 = High 5 = Very High 6 = Heavy Duty Toe #1 7 = Heavy Duty Toe #2	L = Low 10 mm (3/8")

** Body weight plus any loads normally or routinely carried cannot exceed this weight limit.

IMPULSE®: SPECIFICATIONS

PRODUCT WEIGHT: Impulse Foot: 453 g (1 lb)

HEEL HEIGHT: 10 mm (3/8")

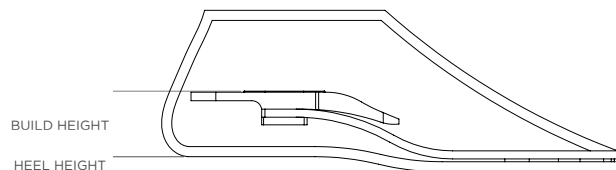
HEEL INSERT

DENSITIES: Soft, Medium, Firm

BUILD HEIGHT: 47 mm \pm 5 mm (1.85" \pm .2")

WARRANTY: 12 months from date of patient fitting

TRIAL PERIOD: 30 days from date of patient fitting



WHAT'S INCLUDED:



Shaped Foam Ankle
Mens: 2LAM-XXX



Soft, Medium, and
Firm Heel Inserts



Foot cosmesis in
buff, medium brown
or tan

Choose size (22 thru 30), Side (R-right, L-Left) and Color (B-buff, M-medium brown and T-Tan)

M10 x 43 mm Foot bolt recommended for use with titanium foot pyramid adapter 700-B116

ADDITIONAL OPTION(S):



Impulse
Transfer
Block
700-435



Titanium Foot
Pyramid Adapter
2LTC-1208



Pyramid Spacer
Block
2LTC-1210



Impulse Symes
Socket Adapter Kit
2LSC-1400

ITEMS NOT SHOWN:

Impulse Base plate: 2LSC-1430
Heavy-Duty Symes Nut Assembly: 700-FS006
M10-1.5 x 68mm foot bolt for pyramid spacer block 700-B128

IMPULSE®: JOINTS

IMPULSE® ANKLE

The Impulse Ankle restricts the amount of dorsiflexion to allow more loading response from the foot. At heel strike, the ankle allows the foot to plantarflex so the amputee may reach foot-flat quickly. As the amputee reaches mid-stance, the ankle's motion is significantly reduced and allows the amputee to retain the full functionality of the toes and metatarsal area of the prosthetic foot. The ankle also features inversion/eversion and axial rotation. The Impulse Ankle's sleek profile facilitates adjustments and cosmetic finishing. A titanium pyramid is integrated into the proximal attachment surface of the ankle. No maintenance procedures or replacement parts are required. A rubber-molding technology provides a smooth, cushioned step. Available in six different stiffness options.



LCODE SUGGESTIONS: L5986

PRODUCT WEIGHT: 185 g

WARRANTY: 12 months from date of patient fitting

ANKLE STIFFNESS: Amputee Weight:

\leq 150 lbs (\leq 68 kg)
151-190 lbs (69-86 kg)
191-230 lbs (87-104 kg)
231-270 lbs (105-122 kg)
271-310 lbs (123-140 kg)
311-350 lbs (141-160 kg)

Ankle Selection:

Red (Aluminum Base)
Blue (Aluminum Base)
Yellow (Aluminum Base)
Green (Aluminum Base)
Black (Titanium Base)
White (Titanium Base)

Product

Item

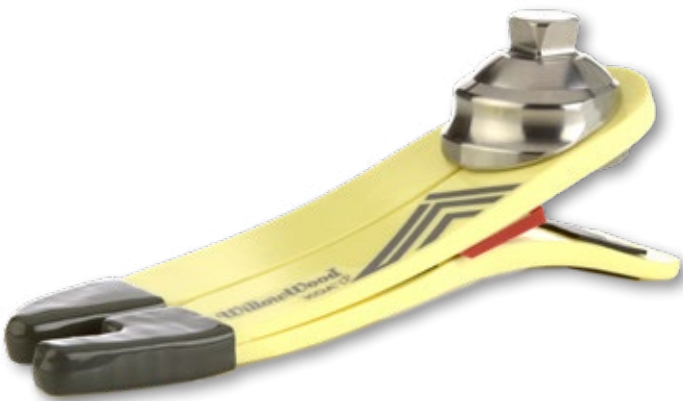
Impulse Ankle, Stiffness code Red	IMPA-R
Impulse Ankle, Stiffness code Blue	IMPA-B
Impulse Ankle, Stiffness code Yellow	IMPA-Y
Impulse Ankle, Stiffness code Green	IMPA-G
Impulse Ankle, Stiffness code Black	IMPA-K
Impulse Ankle, Stiffness code White	IMPA-W

* Based on 26 cm foot.

KOA™ LP FOOT

PRODUCT HIGHLIGHTS:

- ULTRA-LOW PROFILE WITH A FUNCTIONAL SANDAL TOE
- SPLIT-KEEL DESIGN DELIVERS INVERSION AND EVERSION
- WATERPROOF
- ADJUSTABLE HEEL RESPONSE



OVERVIEW

The Koa LP is a moderate to high activity fiberglass prosthetic foot providing both smooth rollover and energy return. With one of the lowest build heights among fiberglass feet, the Koa LP can be used with longer residual limbs and a range of components.

The foot’s mutiaxial split keel design delivers excellent ground compliance on a variety of terrain and provides greater stability for those adjusting to a new prosthesis. The Koa LP foot is suitable for both transtibial and transfemoral amputees up to 365 pounds.

LCODE SUGGESTIONS: L5981, L5986

To select proper composite toe spring stiffness:

- 1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
- 2. Using adjusted body weight and patient activity level, select toe spring stiffness from the chart below.

User Weight	Impact Levels					
	Low		Medium		High	
Adjusted User Weight (patient body weight + loads carried)	Sizes 23-24cm	Sizes 25-28cm	Sizes 23-24 cm	Sizes 25-28cm	Sizes 23-24 cm	Sizes 25-28cm
99-115 lbs (45-52 kg)	2	2	2	2	2	2
116-130 lbs (53-58 kg)	2	2	2	2	3	3
131-150 lbs (59-68 kg)	2	2	3	3	4	4
151-170 lbs (69-77 kg)	3	3	4	4	5	5
171-194 lbs (78-88 kg)	4	4	5	5	-	6
195-221 lbs (89-100 kg)	5	5	-	6	-	7
222-256 lbs (101-116 kg)	-	6	-	7	-	8
257-287 lbs (117-130 kg)	-	7	-	8	-	9
288-324 lbs (131-147 kg)	-	8	-	9	-	-
325-365 lbs (148-165 kg)	-	9	-	-	-	-

Toe spring availability is dependent on the size of the Koa LP foot. Sizes 23-24 cm are available with toe spring categories 2-5. Sizes 25-28 cm are available with toe spring categories 2-9.

Item Numbers:

Ordering Example: K001-25L-2

Koa LP Foot, 25 cm, left foot, tan color, low toe resistance

K001- 25L-2

FS01-25LT

Model:	Size of Foot:	Foot:	Toe Resistance:	Size (cm):	Side of Foot:	Color:
K001 = Koa LP Foot	23 to 28 cm	L = Left R= Right	2 - 9 (refer to chart above)	23 to 28 cm	L = Left R = Right	B = Buff M = Medium Brown T = Tan

KOA™ LP FOOT: SPECIFICATIONS

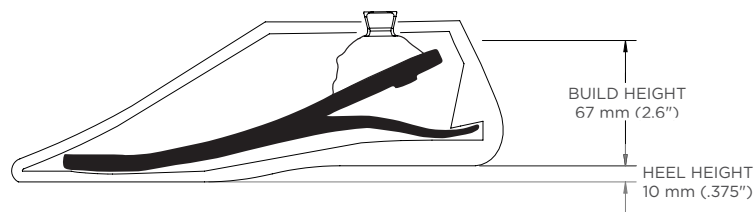
HEEL HEIGHT: 10 mm (3/8")

HEEL WEDGES: Medium (red), Firm (blue)

**APPROXIMATE
PRODUCT WEIGHT:** 585 g

TRIAL PERIOD: 60 days from date of patient fitting

WARRANTY: Foot: 36 months from date of patient fitting
Foot Shell: 6 months from date of patient fitting



WHAT'S INCLUDED:



KOA LP Foot



Heel Wedges

ADDITIONAL OPTIONS:



Koa LP Sandal Toe Foot Shell *(sold separately)*
Buff, Tan, Medium Brown
FS01-XXXX
Includes black spectra sock.



Foot Sock
700-SS001

Add 70-98 pounds (32-44kg) line on chart sent? see copy
> Koa LP – Revised Stiffness Chart and Text 04152022 >
red line at top (do not make it red for this purpose)

META ARC™ FOOT

PRODUCT HIGHLIGHTS:

POLYCENTRIC ANKLE
BOLTLESS, UNIBODY CARBON FIBER DESIGN
GREATER THAN 95% DYNAMIC SPRING
ENERGY RETURN
SPLIT KEEL
CORROSION RESISTANT AND WATERPROOF



OVERVIEW

The Meta Arc is a moderate-to-high activity carbon fiber prosthetic foot with a revolutionary unibody design. This patent-pending breakthrough reduces weight, free of wraps, and hardware. An integrated, biomimetic ankle joint offers unparalleled inversion and eversion range of motion. Best of both worlds - a lightweight, dynamic spring frame returns greater than 95% energy, with a split keel for superior stability and ground compliance on various terrain.



PDAC
APPROVED



PDAC APPROVED LCODES: L5981, L5986

To select proper composite toe spring stiffness:

1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
2. Using adjusted body weight and patient activity level, select toe spring stiffness from the chart below.

User Weight	Impact Levels					
	Low		Medium		High	
Adjusted User Weight (patient body weight + loads carried)	Sizes 22-24 cm	Sizes 25-30cm	Sizes 22-24 cm	Sizes 25-30 cm	Sizes 22-24 cm	Sizes 25-30 cm
99-115 lbs (45-51 kg)	1	1	1	1	2	2
116-130 lbs (52-58 kg)	1	1	2	2	3	3
131-150 lbs (59-67 kg)	2	2	3	3	4	4
151-170 lbs (68-76 kg)	3	3	4	4	5	5
171-194 lbs (77-87 kg)	4	4	5	5	-	6
195-221 lbs (88-99 kg)	5	5	-	6	-	7
222-256 lbs (100-115 kg)	-	6	-	7	-	8
257-287 lbs (116-130 kg)	-	7	-	8	-	9
288-324 lbs (131-147 kg)	-	8	-	9	-	-
325-365 lbs (148-165 kg)	-	9	-	-	-	-

Item Numbers:

Ordering Example: Moo2-25L-02 and FSo1-25LT

META Arc Foot, 25 cm, left foot, low toe resistance. Sandal Toe Foot Shell, 25 cm, left foot, tan

Moo2-25L-02

FSo1-25LT

Model	Size (cm):	Foot	Toe Resistance:
M002 = META Arc Foot	22-28 cm	L = Left R = Right	01-09 (refer to the chart above)

Size (cm):	Side of Foot:	Color:
22-28 cm	L = Left R = Right	B = Buff T = Tan M = Medium Brown

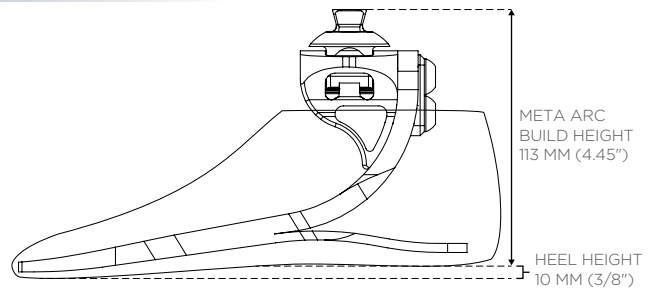
META ARC™ FOOT: SPECIFICATIONS

HEEL HEIGHT: 10 mm (3/8")

**APPROXIMATE
PRODUCT WEIGHT:** 718 g

TRIAL PERIOD: 60 days from date of patient fitting

WARRANTY: 36 months from date of patient fitting for foot
6 months from date of patient fitting for foot shell



WHAT'S INCLUDED:



Meta Arc Foot

ADDITIONAL OPTION(S):



Foot Shell (*sold separately*)
Buff, Tan, Medium Brown
FS01-XXXX
Includes black spectra sock.



Foot Sock
700-SS001

META SHOCK™ FOOT

PRODUCT HIGHLIGHTS:

RESPONSIVE SHOCK ABSORPTION
LOW BUILD HEIGHT/HIGH DEFLECTION
LIGHTWEIGHT UNIBODY CARBON FIBER DESIGN
SPLIT KEEL
CORROSION RESISTANT AND WATERPROOF



OVERVIEW

The META Shock is a high activity carbon fiber prosthetic foot with a revolutionary unibody design. This patent-pending breakthrough reduces weight, free of wraps and hardware.

An integrated shock absorbing proximal adapter provides adaptive shock absorption that responds appropriately to any activity, rain or shine.

The META Shock's low build height and market leading deflection-to-build-height ratio provides multiphase shock absorption in a compact, lightweight package with high energy return.



PDAC APPROVED LCODE: L5987

To select proper composite toe spring stiffness:

1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
2. Using adjusted body weight and patient activity level, select toe spring stiffness from the chart below.

User Weight	Impact Levels					
	Low		Medium		High	
Adjusted User Weight (patient body weight + loads carried)	Sizes 22-24 cm	Sizes 25-30cm	Sizes 22-24 cm	Sizes 25-30 cm	Sizes 22-24 cm	Sizes 25-30 cm
99-115 lbs (45-51 kg)	1	1	1	1	2	2
116-130 lbs (52-58 kg)	1	1	2	2	3	3
131-150 lbs (59-67 kg)	2	2	3	3	4	4
151-170 lbs (68-76 kg)	3	3	4	4	5	5
171-194 lbs (77-87 kg)	4	4	5	5	-	6
195-221 lbs (88-99 kg)	5	5	-	6	-	7
222-256 lbs (100-115 kg)	-	6	-	7	-	8
257-287 lbs (116-130 kg)	-	7	-	8	-	9
288-324 lbs (131-147 kg)	-	8	-	9	-	-
325-365 lbs (148-165 kg)	-	9	-	-	-	-

Item Numbers:

Ordering Example: Moo2-25L-2M and FS01-25LB

META Shock Foot, 25 cm, left foot, toe resistance 2, medium impact. Sandal Toe Foot Shell, 25 cm, left foot, buff

Moo5-25L-2M

FS01-25LB

Model	Size (cm):	Foot	Toe Resistance:	Impact Level
M005 = META Shock Foot	22-30 cm	L = Left R = Right	01-09 (refer to the category chart)	L = Low M = Medium H = High

Size (cm):	Side of Foot:	Color:
22-30 cm	L = Left R = Right	B = Buff T = Tan M = Medium Brown

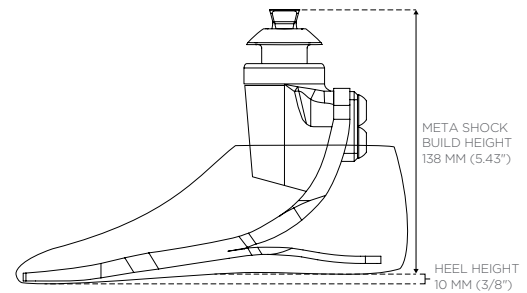
META SHOCK™ FOOT: SPECIFICATIONS

HEEL HEIGHT: 10 mm (3/8")

**APPROXIMATE
PRODUCT WEIGHT:** 720 g
*Size 26 Category 5 with foot cover and sock

TRIAL PERIOD: 60 days from date of patient fitting

WARRANTY: 36 months from date of patient fitting for foot
6 months from date of patient fitting for foot shell



WHAT'S INCLUDED:



Meta Shock Foot

ADDITIONAL OPTION(S):



Foot Shell *(sold separately)*
Buff, Tan, Medium Brown
FS01-XXXX
Includes black spectra sock.



Foot Sock
700-SS001

Modular Components



MODULAR COMPONENTS: SOCKET ATTACHMENT ADAPTERS

Simple socket attachment adapters help you save valuable time and deliver sockets of high quality and sound construction.

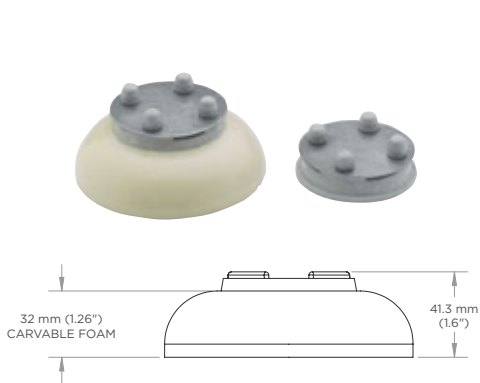
LAMINATED SOCKET ATTACHMENT BLOCK

The popular Laminated Socket Attachment Block provides a 4-Hole pattern attachment point in laminated sockets. Whether ordered with foam or without foam, it includes screws, carbon tape, laminating cap, and screw caps.

PRODUCT WEIGHT: With foam: 124 g Without foam: 67 g

WARRANTY: 12 months from date of patient fitting

Product	Item #
4-Hole Socket Attachment Block With Foam	700-200
4-Hole Socket Attachment Block Without Foam	700-250



MODULAR COMPONENTS: SOCKET ATTACHMENT ADAPTERS

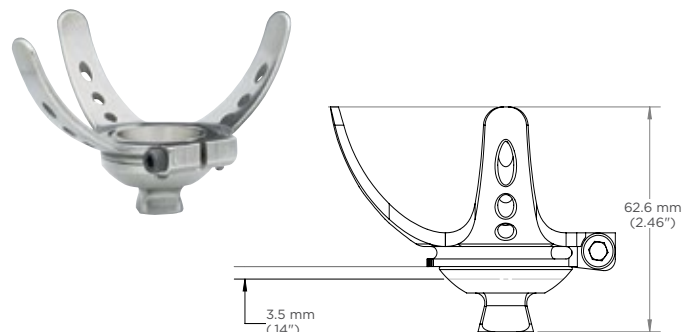
The lightweight, 3-prong Stainless Steel AK Rotatable Pyramid Adapter and Stainless Steel AK Rotatable Pyramid Receiver provide the additional strength required in above knee sockets. Three hundred and sixty degrees of rotation, controlled by a cinch bolt, are supplied in these adapters.

STAINLESS STEEL AK ROTATABLE PYRAMID

This lightweight, 3-prong unit provides the additional strength required in above knee sockets. Three hundred and sixty degrees of rotation are supplied in this male pyramid.

PRODUCT WEIGHT: 198 g

WARRANTY: 12 months from date of patient fitting



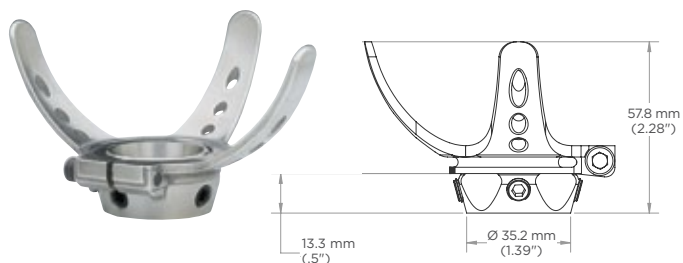
Product	Item #
Stainless Steel AK Rotatable Pyramid	FND-268001

STAINLESS STEEL AK ROTATABLE RECEIVER

Above knee sockets require the strength provided in this lightweight, 3-prong unit. This female pyramid receiver supplies three hundred and sixty degrees of rotation, controlled by a cinch bolt.

PRODUCT WEIGHT: 191 g

WARRANTY: 12 months from date of patient fitting



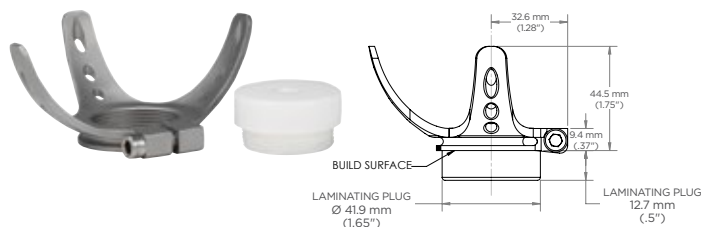
Product	Item #
Stainless Steel AK Rotatable Pyramid Receiver	FND-268000

STAINLESS STEEL AK ROTATABLE 3-PRONG BASE

The 3-prong base used in our Stainless Steel AK Rotatable Pyramid Adapters and Receivers is also available separately, for attachment to any M36 thread male component.

PRODUCT WEIGHT: 119 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Stainless Steel AK Rotatable 3-Prong Base (includes plug)	FND-268002
AK 3-Prong Lamination Plug	FND-268005

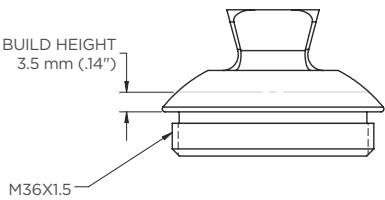
MODULAR COMPONENTS: SOCKET ATTACHMENT ADAPTERS

TITANIUM THREADED ROTATABLE PYRAMID INSERT

This component threads into FND-268002.

PRODUCT WEIGHT: 38 g

WARRANTY: 12 months from date of patient fitting



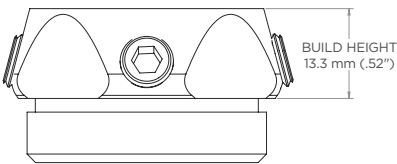
Product	Item #
Titanium Threaded Rotatable Pyramid Insert	FND-268003

TITANIUM THREADED ROTATABLE PYRAMID RECEIVER INSERT

This component threads into FND-268002.

PRODUCT WEIGHT: 53 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Titanium Threaded Rotatable Pyramid Receiver Insert	FND-268004

MODULAR COMPONENTS: PYLONS & PYLON ADAPTERS

All pylons may be cut to length with a tube cutting guide or other equipment. Some pylons have a permanent adapter at one end while others come with 30 mm tube inserts. Tube inserts are included.

30 MM ALUMINUM TUBE WITH ALUMINUM ADAPTER

PRODUCT WEIGHT: 298 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Aluminum Fixed Adapter with 30 mm Aluminum Tube, 400 mm	FND-131330

30 MM ALUMINUM TUBE WITH TITANIUM ADAPTER

PRODUCT WEIGHT: 313 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Titanium Fixed Adapter with 30 mm Aluminum Tube, 400 mm	FND-221330

30 MM ALUMINUM TUBE

PRODUCT WEIGHT: 193 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
30 mm Aluminum Tube, 400 mm, with 2 Inserts	FND-011330
30 mm Tube Insert	FND-000030

MAGNUM 30 MM COMPOSITE TUBE

PRODUCT WEIGHT: 251 g

WARRANTY: 12 months from date of patient fitting

24 months from date of patient fitting when
purchased as part of a Magnum Heavy Duty kit



Product	Item #
Magnum 30 mm Composite Tube, 400 mm	MHD-30CT*
Magnum 30 mm Composite Tube Insert	MHD-30CTI
Magnum Tube Cutting Guide	700-TL003

* Two inserts included.

MODULAR COMPONENTS: PYLON ADAPTERS

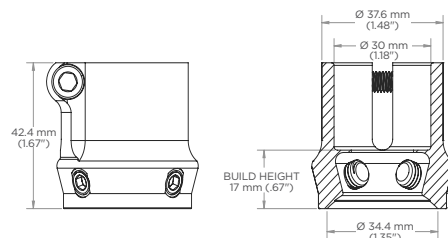
Connecting a pylon to a knee or a receiver is the job of endoskeletal adapters. These adapters can be especially useful in hard-to-fit cases or when there is little clearance. The Magnum 30 mm adapter is actually taller to provide more clamping force for heavy duty applications. Set Screws are included with all pylon adapters.

ALUMINUM 30 MM PYLON ADAPTER

PRODUCT WEIGHT: 86 g

WARRANTY: 12 months from date of patient fitting

Product	Item #
Aluminum 30 mm Pylon Adapter	FND-130030

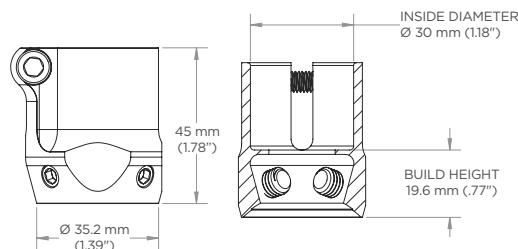


TITANIUM 30 MM PYLON ADAPTER

PRODUCT WEIGHT: 100 g

WARRANTY: 12 months from date of patient fitting

Product	Item #
Titanium 30 mm Pylon Adapter	FND-220030



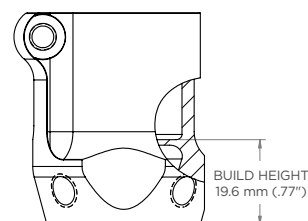
MAGNUM TITANIUM 30 MM ADAPTER

PRODUCT WEIGHT: 110 g

WARRANTY: 12 months from date of patient fitting

24 months from date of patient fitting when
purchased as part of a Magnum Heavy Duty kit

Product	Item #
Magnum Titanium 30 mm Adapter	MHD-002



MODULAR COMPONENTS: EXTENSION ADAPTERS

When additional height is needed in a prosthesis, extension adapters can be valuable components. Available in various heights, extension adapters are offered with pyramids and receivers.

HEIGHT EXTENSION ADAPTERS

PRODUCT WEIGHT: 46 mm: 96 g
24 mm: 79 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
46 mm Height Extension Adapter	FND-136146
24 mm Height Extension Adapter	FND-136124

TITANIUM DUAL PYRAMID RECEIVERS

PRODUCT WEIGHT: 75 mm: 126 g 45 mm: 92 g
60 mm: 107 g 32 mm: 82 g

WARRANTY: 12 months from date of patient fitting



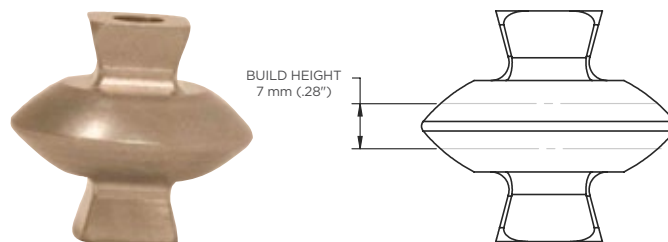
Product	Item #
75 mm Titanium Dual Pyramid Receiver	FND-228075
60 mm Titanium Dual Pyramid Receiver	FND-228060
45 mm Titanium Dual Pyramid Receiver	FND-228045
32 mm Titanium Dual Pyramid Receiver	FND-228032

MAGNUM TITANIUM DOUBLE ENDED PYRAMID

PRODUCT WEIGHT: 66 g

WARRANTY: 12 months from date of patient fitting

24 months from date of patient fitting when
purchased as part of a Magnum Heavy Duty kit



Product	Item #
Magnum Titanium Double Ended Pyramid	MHD-DE-P

MODULAR COMPONENTS: 4-HOLE SPACER PLATES

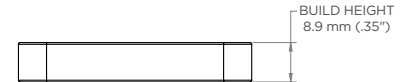
Spacer plates provide extra height when needed as well as offset or angular offset in medial/lateral or anterior posterior orientations.

Aluminum 4-hole Spacer Plates may be installed in either anterior/posterior or medial/lateral orientation. Available in a 12 mm offset, a five degree reverse angle offset and a five degree forward angle offset. These components are useful in dynamic alignment situations when additional angular adjustment is required. These plates may be left in the definitive prosthesis if desired. Screws included.

ALUMINUM 4-HOLE 12 MM OFFSET PLATE

PRODUCT WEIGHT: 54 g

WARRANTY: 12 months from date of patient fitting

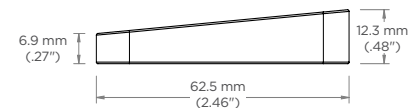


Product	Item #
Aluminum 4-Hole 12 mm Offset Plate	FND-135106

ALUMINUM REVERSE ANGLE OFFSET PLATE

PRODUCT WEIGHT: 54 g

WARRANTY: 12 months from date of patient fitting

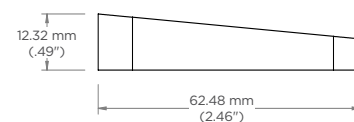
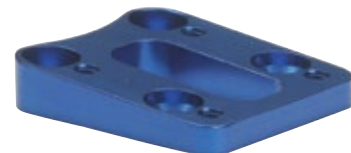


Product	Item #
Aluminum Reverse Angle Offset Plate	FND-135107

ALUMINUM FORWARD ANGLE OFFSET PLATE

PRODUCT WEIGHT: 54 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Aluminum Forward Angle Offset Plate	FND-135105

MODULAR COMPONENTS: 4-HOLE SPACER PLATES

4-HOLE ADAPTER SPACER PLATES

The 4-hole adapter spacer plates are ISO tested and are light weight. Both spacer plates measure 2" x 2".

PRODUCT WEIGHT: With screws: 26 g Without screws: 10 g
WARRANTY: 12 months from date of patient fitting

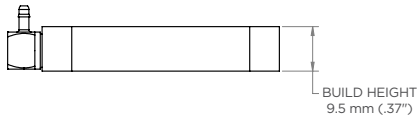


Product	Item #
4-Hole Adapter 1/8" Spacer Plate	700-300
4-Hole Adapter 3/8" Spacer Plate	700-375

LIMBLOGIC® VACUUM PLATE

The LimbLogic Vacuum Plate is suitable for instances when there is insufficient clearance to mount the LimbLogic pump directly below the socket. The plate allows practitioners to relocate the controller while maintaining the in-line design of a prosthesis. Additionally, practitioners may use the plate to retrofit existing vacuum sockets to use with LimbLogic.

PRODUCT WEIGHT: 50 g
WARRANTY: 12 months from date of patient fitting



Product	Item #
LimbLogic Vacuum Plate	LLV-01043

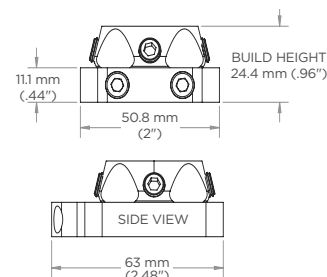
MODULAR COMPONENTS: 4-HOLE PYRAMID RECEIVER ADAPTERS

TITANIUM ROTATABLE PYRAMID RECEIVER

The Titanium Rotatable Pyramid Receiver is lightweight and provides 360 degrees of rotation. Set screws are included.

PRODUCT WEIGHT: 103 g

WARRANTY: 12 months from date of patient fitting



Product

Titanium Rotatable Pyramid Receiver

Item

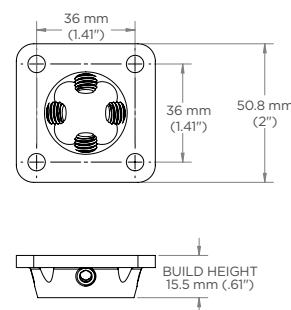
FND-228002

TITANIUM PYRAMID RECEIVER

The Titanium Pyramid Receiver is lightweight and provides 360 degrees of rotation. Set screws are included.

PRODUCT WEIGHT: 70 g

WARRANTY: 12 months from date of patient fitting



Product

Titanium Pyramid Receiver

Item

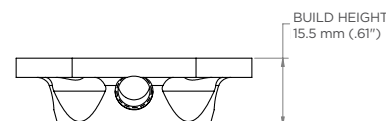
FND-227004

MAGNUM TITANIUM 4-HOLE PYRAMID RECEIVER

The non-rotatable 4-Hole Titanium Pyramid Receiver and Magnum Titanium 4-Hole Pyramid Receiver attach to any socket or knee with a distal 4-hole pattern. Set screws are included.

PRODUCT WEIGHT: 58 g

WARRANTY: 12 months from date of patient fitting



Product

Magnum Titanium 4-Hole Pyramid Receiver

Item

MHD-PR-4

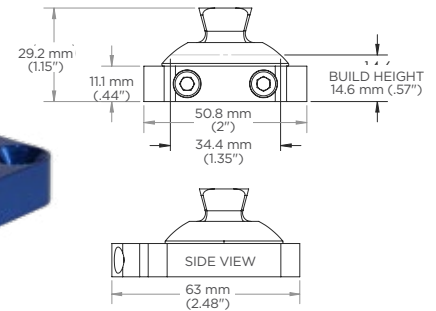
MODULAR COMPONENTS: TITANIUM 4-HOLE PYRAMID ADAPTERS

TITANIUM ROTATABLE PYRAMID ADAPTER

The Titanium Rotatable Pyramid Adapter is lightweight and provides 360 degrees of rotation. Set screws are included.

PRODUCT WEIGHT: 57 g

WARRANTY: 12 months from date of patient fitting



Product

Titanium Rotatable Pyramid Adapter

Item

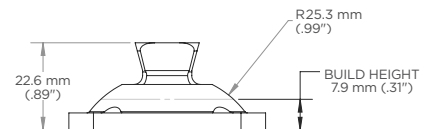
FND-228003

TITANIUM 4-HOLE PYRAMID ADAPTER

The 4-Hole Titanium Pyramid Adapter attaches to any socket or knee with a distal 4-hole pattern.

PRODUCT WEIGHT: 56 g

WARRANTY: 12 months from date of patient fitting



Product

Titanium 4-Hole Pyramid Adapter

Item

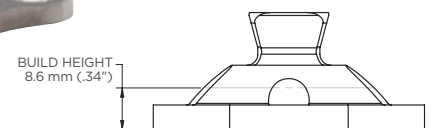
FND-227014

TITANIUM 4-HOLE PYRAMID, 20 MM OFFSET

The Titanium 4-Hole Pyramid Adapter, 20 mm Offset attaches to any socket or knee with a distal 4-hole pattern. The pyramid is offset 20 mm anterior/posterior or medial/lateral from the center. Screws are included.

PRODUCT WEIGHT: 93 g

WARRANTY: 12 months from date of patient fitting



Product

Titanium 4-hole Pyramid, 20 mm Offset

Item

FND-224120

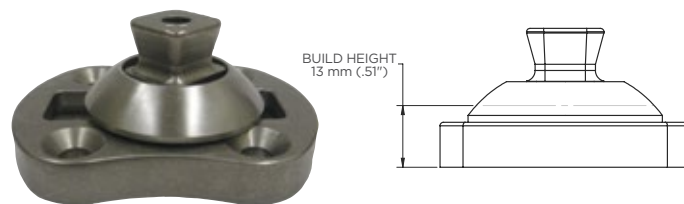
MODULAR COMPONENTS: TITANIUM 4-HOLE PYRAMID ADAPTERS

TITANIUM 4-HOLE SLIDE ADAPTER WITH ROTATION

The Titanium 4-Hole Slide Adapter with Rotation provides 360 degrees of rotation and 1/2" of slide. Set screws are included.

PRODUCT WEIGHT: 125 g

WARRANTY: 12 months from date of patient fitting



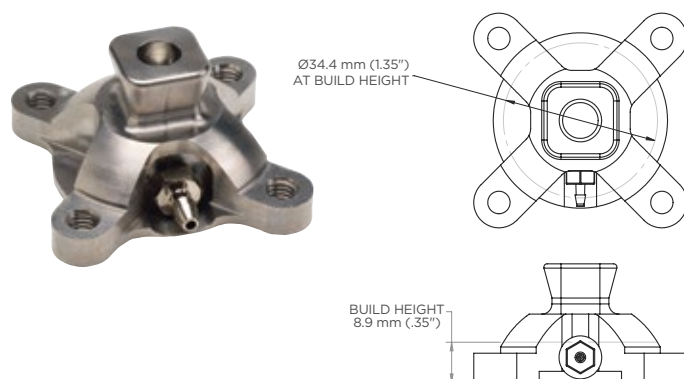
Product	Item #
Titanium 4-Hole Slide Adapter with Rotation	FND-224150

LIMBLOGIC® VACUUM PYRAMID

The LimbLogic Vacuum Pyramid is suitable for instances when there is insufficient clearance to mount the LimbLogic pump directly below the socket. The Vacuum Pyramid allows practitioners to relocate the controller while maintaining the in-line design of a prosthesis. Additionally, practitioners may use the Vacuum Pyramid to retrofit existing vacuum sockets to use with LimbLogic.

PRODUCT WEIGHT: 62 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
LimbLogic® vacuum pyramid	LLV-01044

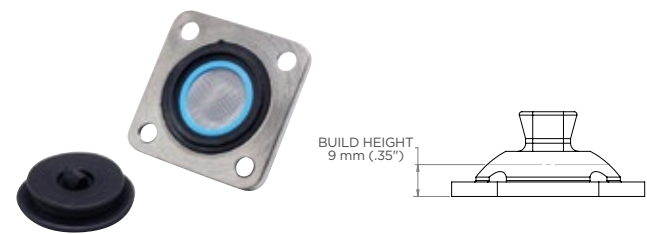
MODULAR COMPONENTS: SUCTION PYRAMID ADAPTERS

The Suction Pyramid's one-way air expulsion valve is contained within a four-hole pyramid adapter and bolted onto the distal end of the socket. Available in either stainless steel or titanium, the Suction Pyramid can be purchased by itself or in a kit with a Laminated Socket Attachment Block. The Magnum Titanium 4-Hole Suction Pyramid is recommended for heavy duty suspension.

TITANIUM SUCTION PYRAMID KIT

PRODUCT WEIGHT: 64 g
WARRANTY: 12 months from date of patient fitting

Product	Item #
Titanium Suction Pyramid Kit	700-SP470
Titanium Suction Pyramid	700-SP471
Screen	700-AB452



STAINLESS STEEL SUCTION PYRAMID KIT

PRODUCT WEIGHT: 100 g
WARRANTY: 12 months from date of patient fitting

Product	Item #
Stainless Steel Suction Pyramid Kit	700-SP460
Stainless Steel Suction Pyramid	700-SP461
Screen	700-AB452



MAGNUM TITANIUM 4-HOLE SUCTION PYRAMID

PRODUCT WEIGHT: 61 g
WARRANTY: 12 months from date of patient fitting

Product	Item #
Magnum Titanium 4-Hole Suction Pyramid	MHD-SP4
Screen	700-AB452



MODULAR COMPONENTS: COSMETIC FOAM

TRANSFEMORAL FOAM COVERS

Easy Shape AK Foam Covers have a firm durometer in the calf and thigh sections for easy shaping. A more flexible foam is used in the knee section so that flexion and extension of the knee are not restricted. The AK Foam Cover continues to be very popular due to its consistency and firmness. All Easy Shape AK Foam Covers and the AK Foam Covers are preshaped and preflexed to 30 degrees, and are available with a standard center hole. Available in Buff or Medium Brown.

CENTER HOLE: Standard

LENGTH: 36" (91 cm)

Product	Item #
AK Foam Cover, Left, Buff	CFB-1AK-LB
AK Foam Cover, Left, Medium Brown	CFB-1AK-LM
AK Foam Cover, Right, Buff	CFB-1AK-RB
AK Foam Cover, Right, Medium Brown	CFB-1AK-RM
AK Foam Cover, Left, Buff, Vacuum Packed	CFB-1AK-LB-V
AK Foam Cover, Left, Medium Brown, Vacuum Packed	CFB-1AK-LM-V
AK Foam Cover, Right, Buff, Vacuum Packed	CFB-1AK-RB-V
AK Foam Cover, Right, Medium Brown, Vacuum Packed	CFB-1AK-RM-V



TRANSTIBIAL FOAM COVERS

The BK Foam Cover is firmer and 10% lighter than many other transtibial foam covers. Center holes are 1" (25 mm) for use with 18 mm and 23 mm pylons, and 1-1/4" (32 mm) for use with 30 mm tubes. Available in Buff or Medium Brown.

CENTER HOLE: 1" diameter or 1-1/4" diameter

Product	Item #
BK Foam Cover, 1" (25 mm) Center Hole, Buff	CFB-1BK-B-25
BK Foam Cover, 1" (25 mm) Center Hole, Vacuum Packed, Buff	CFB-1BK-B-25V
BK Foam Cover, 1" (25 mm) Center Hole, Medium Brown	CFB-1BK-M-25
BK Foam Cover, 1" (25 mm) Center Hole, Vacuum Packed, Medium Brown	CFB-1BK-M-25V
BK Foam Cover, 1 1/4" (32 mm) Center Hole, Buff	CFB-1BK-B-32
BK Foam Cover, 1 1/4" (32 mm) Center Hole, Vacuum Packed, Buff	CFB-1BK-B-32V
BK Foam Cover, 1 1/4" (32 mm) Center Hole, Medium Brown	CFB-1BK-M-32
BK Foam Cover, 1 1/4" (32 mm) Center Hole, Vacuum Packed, Medium Brown	CFB-1BK-M-32V



Pediatric



ALPHA CLASSIC® PEDIATRIC LINERS

PRODUCT HIGHLIGHTS:

- DESIGNED SPECIFICALLY FOR YOUNG AMPUTEES
- MADE OF SKIN-FRIENDLY, ALPHA CLASSIC GEL WITH MINERAL OIL & VITAMIN E
- DURABLE ABRASION-RESISTANT FABRIC

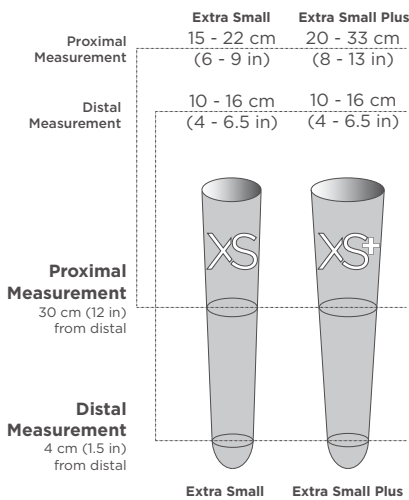
OVERVIEW

Our pediatric Alpha Liners were designed and tested specifically for young amputees. Featuring the same thermoplastic elastomer infused with mineral oil, the gel cushions the limb and provides protection from shear, impact, and abrasive forces. The liner's exterior fabric is abrasion-resistant and increases the durability around trim lines. The Alpha Classic Pediatric Locking Liner is designed for use with a shuttle lock and 1/4 x 20 threaded pins.



LCODE SUGGESTIONS: L5679 (cushion)
L5973 (locking)

Liner Sizing:



Item Numbers:

Size/Profile	Locking MAX Fabric, buff	Cushion MAX Fabric, buff
	Item #	Item #
Extra Small Plus	ALL-5832-E	ALC-5832-E
Extra Small	ALL-5839-E	ALC-5839-E

PEDIATRIC SACH FOOT

PRODUCT HIGHLIGHTS:

CARBON/NYLON KEEL
FLEXIBLE TOE BELTING
INTENDED FOR FIRST STAGES OF WALKING



OVERVIEW

When children first begin walking, initial foot-to-floor contact tends to occur in the midfoot to forefoot area. The heel may not even contact the ground at all. In the absence of a progression from heel to toe, there is very little need for any type of advanced foot function. The pediatric SACH foot provides the structure necessary for children in the first stage of gait development.

LCODE SUGGESTIONS: N/A (included in base prosthesis)

Toe Resistance Chart:

To select proper toe resistance:

1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
2. Using adjusted body weight, select toe resistance from the chart below.

Foot Size	Low (2)	Regular (3)	High (4)
9-12 cm	<15 lb (7 kg)	15-30 lb (7-14 kg)	>30 lb (14 kg)
13-14 cm	<20 lb (9 kg)	20-35 lb (9-16 kg)	>35 lb (16 kg)
15-16 cm	<30 lb (14 kg)	30-45 lb (14-20 kg)	>45 lb (20 kg)
17-18 cm	<35 lb (16 kg)	35-50 lb (16-23 kg)	>50 lb (23 kg)
19-20 cm	<45 lb (20 kg)	45-70 lb (20 -32 kg)	>70 lb (32 kg)
21-22 cm	<60 lb (27 kg)	60-90 lb (27-41 kg)	>90 lb (41 kg)

Item Numbers:

Ordering Example: PPS-10RB-2

Pediatric SACH Foot, 10 cm, right foot, buff color, low toe resistance

PPS- 10RB-2

Model:	Size of Foot:	Foot:	Color:	Toe Resistance:
PPS - Pediatric SACH Foot	9 to 22 cm	L = Left R= Right	B = Buff M = Medium Brown T = Tan	2 = Low 3 = Regular 4 = High

PEDIATRIC SACH FOOT: SPECIFICATIONS

PRODUCT WEIGHT*: 155 g (.34 lb)

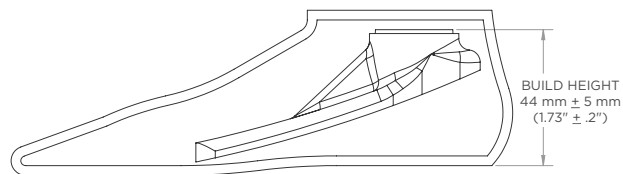
HEEL HEIGHT: 9-17 cm: 6 mm (1/4")
18-22 cm: 10 mm (3/8")

HEEL INSERT

DENSITIES: 9-14 cm: No inserts
15-22 cm: Soft, Medium, Firm

COSMESIS: Unisex, Lifelike in Buff, Tan or Medium Brown

WARRANTY: 12 months from date of patient fitting
Use of product with adult-sized components will void the warranty.



WHAT'S INCLUDED:



Foot cosmesis in buff, medium brown or tan



Set of 3 heel inserts (for sizes 15-22)



Foot Bolts:
M8 x 32: 700-B202
M8 x 24: 700-B200

* Weight is based on size 16 cm foot.

PEDIATRIC IMPULSE® FOOT

PRODUCT HIGHLIGHTS:

- CARBON/NYLON KEEL
- SUBSTANTIAL ENERGY RETURN
- INTENDED FOR SECOND STAGE OF WALKING

OVERVIEW

As children develop a more mature gait that follows the normal progression of heel strike through toe off, they need a foot that offers more toe response and increased durability. Our pediatric Impulse foot uses a carbon/nylon keel. This material provides energy return, dynamic response, and outstanding durability—three of the most important characteristics for active children in the second stage of gait development.



LCODE SUGGESTIONS: L5976

Toe Resistance Chart:

To select proper toe resistance:

- 1. Calculate adjusted body weight. (Adjusted body weight = patient body weight + loads normally or routinely carried.)
- 2. Using adjusted body weight, select toe resistance from the chart below.

Foot Size	Low (2)	Regular (3)	High (4)
13-14 cm	<20 lb (9 kg)	20-35 lb (9-16 kg)	>35 lb (16 kg)
15-16 cm	<30 lb (14 kg)	30-45 lb (14-20 kg)	>45 lb (20 kg)
17-18 cm	<35 lb (16 kg)	35-50 lb (16-23 kg)	>50 lb (23 kg)
19-20 cm	<45 lb (20 kg)	45-70 lb (20 -32 kg)	>70 lb (32 kg)
21-22 cm	<60 lb (27 kg)	60-90 lb (27-41 kg)	>90 lb (41 kg)

Item Numbers:

Ordering Example: PPI-17LM-3

Pediatric Impulse® Foot, 17 cm, left foot, medium brown, regular toe resistance

PPI- 17LM-3

Model:	Size of Foot:	Foot:	Color:	Toe Resistance:
PPI - Pediatric Impulse Foot	13 to 22 cm	L = Left R= Right	B = Buff M = Medium Brown T = Tan	2 = Low 3 = Regular 4 = High

PEDIATRIC IMPULSE® FOOT: SPECIFICATIONS

PRODUCT WEIGHT*: 155 g (.34 lb)

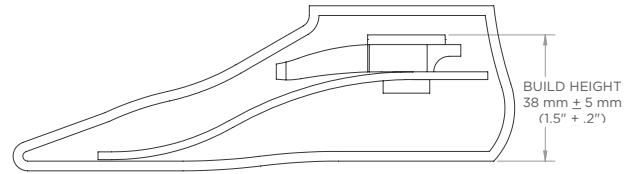
HEEL HEIGHT: 13-17 cm: 6 mm (1/4")
18-22 cm: 10 mm (3/8")

HEEL INSERT

DENSITIES: 13-14 cm: No inserts
15-22 cm: Soft, Medium, Firm

COSMESIS: Unisex, Lifelike in Buff, Tan or Medium Brown

WARRANTY: 12 months from date of patient fitting
Use of product with adult-sized components will void the warranty.



WHAT'S INCLUDED:



Foot cosmesis in buff,
medium brown or tan



Foot Bolts:
M8 x 34: 700-B203
M8 x 28: 700-B201

* Weight is based on size 16 cm foot.

PEDIATRIC SUSPENSION:

MINI G-LOCK

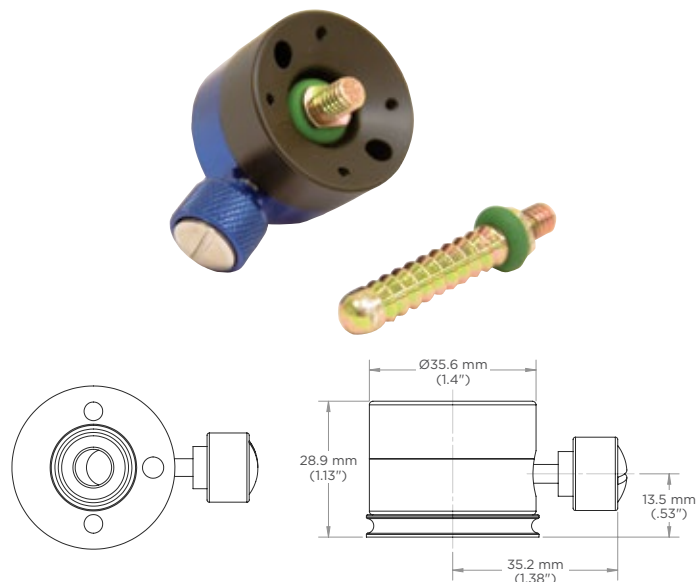
The Mini G-Lock is designed to meet the needs of upper extremity and pediatric amputees. The Mini G-Lock has a standard pin locking mechanism with pin seal. The design of this small lock allows the user to secure the locking pin in place at the nearest groove. The Mini G-Lock is CAD-friendly but still easy to use in traditional fabrication processes. The Mini G-Lock can be used in both exoskeletal and endoskeletal prostheses. Only use this lock with laminated sockets.

LCODE SUGGESTIONS: L5671

PRODUCT WEIGHT: 67 g

WARRANTY: 12 months from date of patient fitting

Product	Item #
Mini G-Lock (shown)	700-MGL480
Mini G-Lock, body only	700-MGL490
Mini G-Lock Pin, 1/4"-20 x 38 mm	700-MGL482
Mini G-Lock Pin, 1/4"-20 x 51 mm (shown)	700-MGL488
Mini G-Lock Fabrication Tooling	700-MGL491
Mini G-Lock Button and Stem	700-MGL492



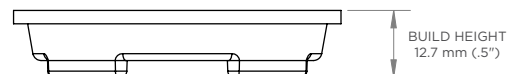
PEDIATRIC MODULAR COMPONENTS:

PEDIATRIC LAMINATED SOCKET ATTACHMENT BLOCK

The Pediatric Laminated Socket Attachment Block provides a 4-hole pattern attachment point in laminated sockets. You receive one Pediatric Laminated Socket Attachment Block, 4 capscrews, 1 metal laminating cap, 4 plastic caps, and 2 pieces of 1" wide x 12" long carbon tape.

PRODUCT WEIGHT: 33 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Pediatric Laminated Socket Attachment Block	PPF-700250

PEDIATRIC 22 MM ALUMINUM PYLONS

Our Pediatric 22 mm Aluminum Pylon comes in both 300 mm and 400 mm lengths. These pylons provide a strong, lightweight prosthesis. The Pediatric Aluminum Fixed Adapter with 22 mm Aluminum Pylon has a permanent aluminum adapter on one end and the pylon can be cut to length. Offered in lengths of 300 mm and 400 mm.

PRODUCT WEIGHT:

Pediatric 22 mm Aluminum Pylons, 300 mm: 119 g

Pediatric 22 mm Aluminum Pylons, 400 mm: 160 g

Pediatric Aluminum Fixed Adapter w/22 mm Pylon, 300 mm: 160 g

Pediatric Aluminum Fixed Adapter w/22 mm Pylon, 400 mm: 199 g

WARRANTY: 12 months from date of patient fitting



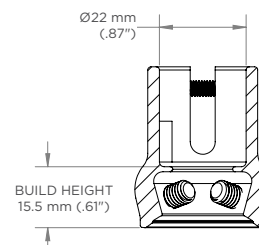
Product	Item #
Pediatric 22 mm Aluminum Pylons, 300 mm (shown)	PPF-130030
Pediatric 22 mm Aluminum Pylons, 400 mm	PPF-130040
Pediatric Aluminum Fixed Adapter w/22 mm Pylon, 300 mm	PPF-131330
Pediatric Aluminum Fixed Adapter w/22 mm Pylon, 400 mm (shown)	PPF-131340

PEDIATRIC ALUMINUM 22 MM TUBE CLAMP ADAPTER

The Pediatric Aluminum 22 mm Tube Clamp Adapter works well in different pediatric product combinations. Setscrews are included in purchase price.

PRODUCT WEIGHT: 45 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Pediatric Aluminum 22 mm Tube Clamp Adapter	PPF-130000

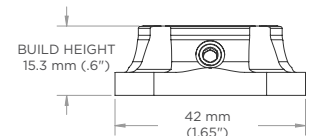
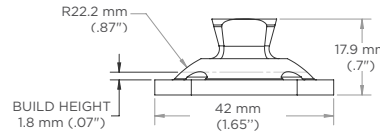
PEDIATRIC MODULAR COMPONENTS:

PEDIATRIC 4-HOLE PYRAMID & PYRAMID RECEIVER

The Pediatric Titanium 4-Hole Pyramid Adapter (#1) can be attached to any socket or knee with a distal 4-hole pattern. The pyramid and the Pediatric Aluminum 4-Hole Pyramid Receiver (#2) work especially well with our Pediatric Laminated Socket Attachment Block. Set screws are included with receiver. Screws are not included with the pyramid.

PRODUCT WEIGHT: 30 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Pediatric Titanium 4-Hole Pyramid Adapter	PPF-227014
Pediatric Titanium 4-Hole Pyramid Receiver	PPF-137004

PEDIATRIC 4-HOLE ADAPTER SPACER PLATES

Pediatric 4-Hole Adapter Spacer Plates are offered in both 1/8" (#1) and 1/4" (#2). If desired, multiple spacer plates may be installed, as long as the total height of Spacer Plates does not exceed 3/8" (9.5 mm).

PRODUCT WEIGHT: Pediatric 1/8" 4-Hole Spacer Plate: 5 g
Pediatric 1/4" 4-Hole Spacer Plate: 10 g

WARRANTY: 12 months from date of patient fitting



Product	Item #
Pediatric 1/8" 4-Hole Spacer Plate	PPF-994118
Pediatric 1/4" 4-Hole Spacer Plate	PPF-994114

PEDIATRIC GROWTH KIT

The Pediatric Growth Kit delivers a solution for practitioners wanting to temporarily adjust a child's prosthesis as the child grows. Offering up to 7/8" more in height, the Pediatric Growth kit can be added one piece at a time or all together. The kit consists of three plates measuring 1/8", 1/4" and 1/2", plus one M8x55 Foot Bolt.

WARRANTY: 12 months from date of patient fitting



Product	Item #
Pediatric Growth Kit	PPF-GKIT

PEDIATRIC MODULAR COMPONENTS:

PEDIATRIC ALUMINUM DUAL RECEIVERS

Our Pediatric Dual Receivers are made of Aluminum and come in two different lengths, 27 mm (#1) and 51 mm (#2). These receivers can be connected to the pediatric pyramid components of choice and offer excellent adjustability.

PRODUCT WEIGHT: Pediatric Aluminum Dual Receiver, 27 mm: 44 g
Pediatric Aluminum Dual Receiver, 51 mm: 65 g

WARRANTY: 12 months from date of patient fitting



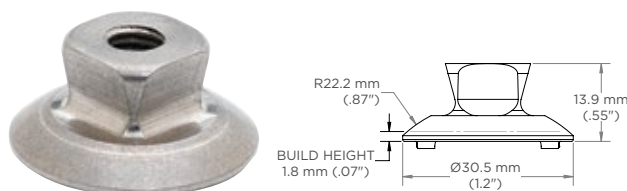
Product	Item #
Pediatric Aluminum Dual Receiver, 27 mm	PPF-138027
Pediatric Aluminum Dual Receiver, 51 mm	PPF-138051

PEDIATRIC TITANIUM FOOT PYRAMID

The Pediatric Titanium Foot Pyramid Adapter is a great solution that buys a little extra space. We also recommend use of this product with only WillowWood's pediatric feet.

PRODUCT WEIGHT: 15 g

WARRANTY: 12 months from date of patient fitting
Use with adult-sized components will void the warranty.



Product	Item #
Pediatric Titanium Foot Pyramid Adapter	PPF-1208

PEDIATRIC ALUMINUM FOOT PYRAMID ADAPTER

The Pediatric Aluminum Foot Pyramid Receiver is a great space saver for pediatric patients with long residual limbs. Developed specifically for use with our Pediatric SACH and Pediatric Impulse® feet.

PRODUCT WEIGHT: 35 g

WARRANTY: 12 months from date of patient fitting
Use with adult-sized components will void the warranty.



Product	Item #
Pediatric Aluminum Foot Pyramid Receiver	PPF-1209

PEDIATRIC MODULAR COMPONENTS:

PEDIATRIC TITANIUM SYMES NUT

A Pediatric Titanium Symes Nut is available for use in Symes applications. As with all our pediatric components, use of this product with another manufacturer’s pediatric components is at the discretion of the attending practitioner. The warranty remains intact as long as the components are designed for pediatric applications.

PRODUCT WEIGHT: 30 g

WARRANTY: 12 months from date of patient fitting
Use with adult-sized components will void the warranty.



Product	Item #
Pediatric Titanium Symes Nut	PPF-FS006

Custom Solutions



TEST SOCKETS

It is critical to have a good fit between the residual limb and the socket. A socket that fits well provides comfort for a residual limb, can prevent injury to the limb, and prevent excessive vertical movement between the socket and limb. The test socket is the first socket a prosthetist creates. A prosthetist evaluates and can adjust the check socket before proceeding to a definitive socket.



Description	Sub-Category	Item Code
Test Socket TF Standard Vivak	Test Sockets	CS-TSTF-101
Test Socket TF Standard Thermolyn or Equivalent	Test Sockets	CS-TSTF-102
Test Socket TT Standard Vivak	Test Sockets	CS-TSTT-101
Test Socket TT Standard Thermolyn or Equivalent	Test Sockets	CS-TSTT-102
Create Electronic Shape from either Negative Cast or Positive Mold	Test Sockets	CS-TSES-001
Create Electronic Shape by Numbers	Test Sockets	CS-TSES-002
Add Customer Supplied Plate	Test Socket Add-Ons	CS-TSAD-101
Add WW Gray Socket Attachment Block w/o Foam (700-250)	Test Socket Add-Ons	CS-TSAD-102
Add WW LLV-01041 Mounting Plate	Test Socket Add-Ons	CS-TSAD-103
Add WW SS 3-Prong Base Only (FND-268002)	Test Socket Add-Ons	CS-TSAD-104
Add WW SS 3-Prong + AK Rotatable Male Pyramid (FND-268001)	Test Socket Add-Ons	CS-TSAD-105
Add WW SS 3-Prong + AK Rotatable Female Receiver (FND-268000)	Test Socket Add-Ons	CS-TSAD-106
Add WW Supplied Bull Dog FHLA-10 Mounting Plate	Test Socket Add-Ons	CS-TSAD-108
Add Space for Lock - Not Supplied	Test Socket Add-Ons	CS-TSAD-120
Add Space - Install Customer Supplied Lock	Test Socket Add-Ons	CS-TSAD-121
Add Space - Install WW Supplied G-Lock (700-GL480)	Test Socket Add-Ons	CS-TSAD-122
Add Space - Install WW Supplied Coyote Air-Lock & Alignable Connector	Test Socket Add-Ons	CS-TSAD-123
Add Space - Install WW Supplied Coyote Air-Lock + (TSAD-101 through TSAD-108 from list)	Test Socket Add-Ons	CS-TSAD-124
Add Space - Install WW Supplied Genesis Bulldog Lock (3GEN-A)	Test Socket Add-Ons	CS-TSAD-125
Add Space - Install WW Supplied Fillauer Original Shuttle Lock (125234)	Test Socket Add-Ons	CS-TSAD-126
Add Space - Install Fillauer Nut (809732)	Test Socket Add-Ons	CS-TSAD-127
Add Space - Install WW Supplied Alpha Lanyard (700-AIS100)	Test Socket Add-Ons	CS-TSAD-128
Add Space - Install WW Supplied Kiss Delrin Lanyard	Test Socket Add-Ons	CS-TSAD-129
Add Space - Install WW Supplied Kiss Blue Lanyard 4-Hole Kit	Test Socket Add-Ons	CS-TSAD-130
Add Space - Install WW Supplied Bulldog Lanyard (FH-S4)	Test Socket Add-Ons	CS-TSAD-131
Add Space - Install WW Supplied Alpha Lock (700-AIS480)	Test Socket Add-Ons	CS-TSAD-132
Install Customer Supplied Valve	Test Socket Add-Ons	CS-TSAD-140
Install WW Supplied Pushbutton Lyn BK2 Valve	Test Socket Add-Ons	CS-TSAD-142
Install WW Supplied AK Lyn Valve, Manual or Auto	Test Socket Add-Ons	CS-TSAD-143
Install WW Supplied V4 Easy Line Valve	Test Socket Add-Ons	CS-TSAD-144
Pelite Liner	Test Socket Add-Ons	CS-TSAD-160
Keasy Cone Liner	Test Socket Add-Ons	CS-TSAD-161
Molded Distal Cushion	Test Socket Add-Ons	CS-TSAD-162

TT DEFINITIVE SOCKETS

After securing an intimate fit with the test socket, clinicians will provide patients with a definitive thermoplastic or laminated socket. Thermoplastic sockets can be heated and re-shaped to adjust the fit if necessary. Laminated sockets can be personalized with fabric or pigmented to match skin tones. For personalized laminations, send in fabric when placing the order. We'll include in the lamination at no extra charge.



Description	Sub-Category	Item Code
Polypropylene Copolymer Definitive Socket	Definitive TT Sockets	CS-DSTT-201
Laminated Definitive Socket from Cast	Definitive TT Sockets	CS-DSTT-202
Laminated Definitive Socket from Cast	Definitive TT Sockets	CS-DSTT-202-K
Laminated Definitive Socket from CAD	Definitive TT Sockets	CS-DSTT-203
Flexible Inner Socket Polyethylene	TT Add-ons	CS-DSAD-260
Flexible Inner Socket Proflex W/Silicone	TT Add-ons	CS-DSAD-261
Flexible Inner Socket OP-TEK Black	TT Add-ons	CS-DSAD-262
Flexible Inner Socket OP-TEK Natural	TT Add-ons	CS-DSAD-263
Flexible Inner Socket Orfit X-Soft W/Silicone	TT Add-ons	CS-DSAD-264
One® System Addition to Laminated Socket (flexible brim, one link, alignment transfer)	TT Add-ons	CS-DSAD-280
One® System Addition to Laminated Socket (flexible brim, one link, alignment transfer)	TT Add-ons	CS-DSAD-280-K
Symes Door Laminated	TT Add-ons	CS-DSAD-281
Exoskeletal Definitive Lamination	TT Add-ons	CS-DSAD-290
Install and Shape TT Foam Cover	TT Add-ons	CS-DSAD-291

TF DEFINITIVE SOCKETS

Description	Sub-Category	Item Code
Polypropylene Copolymer Definitive Socket	Definitive TF Sockets	CS-DSTF-301
Laminated Definitive Socket from Cast	Definitive TF Sockets	CS-DSTF-302
Laminated Definitive Socket from Cast	Definitive TF Sockets	CS-DSTF-302-K
Laminated Definitive Socket from CAD	Definitive TT Sockets	CS-DSTF-303
Flexible Inner Socket Polyethylene	TF Add-ons	CS-DSAD-360
Flexible Inner Socket Proflex W/Silicone	TF Add-ons	CS-DSAD-361
Flexible Inner Socket OP-TEK Black	TF Add-ons	CS-DSAD-362
Flexible Inner Socket OP-TEK Natural	TF Add-ons	CS-DSAD-363
Flexible Inner Socket Orfit X-Soft W/Silicone	TF Add-ons	CS-DSAD-364
One® System Addition to Laminated Socket (flexible brim, alignment buttons, bypass valve, alignment transfer)	TF Add-ons	CS-DSAD-380
One® System Addition to Laminated Socket (flexible brim, alignment buttons, bypass valve, alignment transfer)	TF Add-ons	CS-DSAD-380-K
Knee Disartic Door Laminated	TF Add-ons	CS-DSAD-381
Exoskeletal Definitive Lamination	TF Add-ons	CS-DSAD-390
Install and Shape TF Foam Cover	TF Add-ons	CS-DSAD-391

TT AND TF ADD-ONS

Description	Sub-Category	Item Code
Add Customer Supplied Plate	TT or TF Add-ons	CS-DSAD-401
Add WW Gray Socket Attachment Block w/o Foam (700-250)	TT or TF Add-ons	CS-DSAD-402
Add WW LLV-01041 Distal Pump Mounting Plate	TT or TF Add-ons	CS-DSAD-403
Add WW LLV-01041 Distal Pump Mounting Plate	TT or TF Add-ons	CS-DSAD-403-K
Add WW SS 3-Prong Base Only (FND-268002)	TT or TF Add-ons	CS-DSAD-404
Add WW SS 3-Prong + AK Rotatable Male Pyramid (FND-268001)	TT or TF Add-ons	CS-DSAD-405
Add WW SS 3-Prong + AK Rotatable Female Receiver (FND-268000)	TT or TF Add-ons	CS-DSAD-406
Add WW Supplied Bull Dog FHLA-10 Mounting Plate	TT or TF Add-ons	CS-DSAD-408
Add WW LLV-01049 Side Pump Mounting Plate	TT or TF Add-ons	CS-DSAD-410
Add WW LLV-01049 Side Pump Mounting Plate	TT or TF Add-ons	CS-DSAD-410-K
Add Space for Lock - Not Supplied	TT or TF Add-ons	CS-DSAD-420
Add Space - Install Customer Supplied Lock	TT or TF Add-ons	CS-DSAD-421
Add Space - Install WW Supplied G-Lock (700-GL480)	TT or TF Add-ons	CS-DSAD-422
Add Space - Install WW Supplied Coyote Air-Lock + Alignable Connector + Insert	TT or TF Add-ons	CS-DSAD-423
Add Space - Install WW Supplied Coyote Air-Lock + (DSAD-401 through DSAD-408 from list)	TT or TF Add-ons	CS-DSAD-424
Add Space - Install WW Supplied Genesis Bulldog Lock (3GEN-A)	TT or TF Add-ons	CS-DSAD-425
Add Space - Install WW Supplied Fillauer Original Shuttle Lock + (DSAD-401 through DSAD-408 from list)	TT or TF Add-ons	CS-DSAD-426
Add Space - Install Fillauer Nut (809732)	TT or TF Add-ons	CS-DSAD-427
Add Space - Install WW Supplied Alpha Lanyard (700-AIS100)	TT or TF Add-ons	CS-DSAD-428
Add Space - Install WW Supplied Kiss Delrin Lanyard	TT or TF Add-ons	CS-DSAD-429
Add Space - Install WW Supplied Kiss Blue Lanyard 4-Hole Kit	TT or TF Add-ons	CS-DSAD-430
Add Space - Install WW Supplied Bulldog Lanyard (FH-S4)	TT or TF Add-ons	CS-DSAD-431
Add Space - Install WW Supplied Alpha Lock (700-AIS480)	TT or TF Add-ons	CS-DSAD-432
Install Customer Supplied Valve	TT or TF Add-ons	CS-DSAD-440
Install WW Supplied Pushbutton Lyn BK2 Valve	TT or TF Add-ons	CS-DSAD-442
Install WW Supplied AK Lyn Valve, Manual or Auto	TT or TF Add-ons	CS-DSAD-443
Install WW Supplied V4 Easy Line Valve	TT or TF Add-ons	CS-DSAD-444
Pelite Liner	TT or TF Add-ons	CS-DSAD-460
Keasy Cone Liner	TT or TF Add-ons	CS-DSAD-461
Molded Distal Cushion	TT or TF Add-ons	CS-DSAD-462
Additional Lamination (transfer jig set up, additional structural lamination)	TT or TF Add-ons	CS-DSAD-480
Decorative Lamination Customer Supplied	TT or TF Add-ons	CS-DSAD-481
Decorative Lamination WW Supplied	TT or TF Add-ons	CS-DSAD-482
RevoFit, Dial, Lace, Single Window (clicker, lace, mounting of components, carbon tape, single window)	TT or TF Add-ons	CS-DSAD-483
Additional Window	TT or TF Add-ons	CS-DSAD-484
RevoFit, RevoLock Lanyard (clicker, lace, mounting of components, carbon tape, lanyard system)	TT or TF Add-ons	CS-DSAD-485
Add Straps	TT or TF Add-ons	CS-DSAD-490

CARVINGS - FOAM MODEL

Clinicians must create a positive model of a residual limb or orthotic shape in order to create a definitive device. The positive model, carved out of a stiff foam, serves as the basis for fabricating a prosthetic socket or orthotic device.



Product Description

Item

Foam Carving AFO One Piece	CS-FCOR-001
Foam Carving AFO Two Piece	CS-FCOR-002
Foam Carving Spinal	CS-FCOR-003
Foam Carving, Prosthetic, Standard	CS-FCPR-001
Foam Carving, Prosthetic, Oversized (Proximal Circumference > 75 cm)	CS-FCPR-002

CARVING BLANKS

Carving Blanks are blocks of a unique foam makeup that maintain shape during the high temperatures and pressures created during lamination and vacuum processes. The distinctive foam composition has a 90% closed cell structure resulting in no voids or air pockets in the foam.



Product Description

Item

12" x 26.75" Foam Carving Cylinder, 3.5 lbs, each	RFB-122675
8" x 16" Foam Carving Cylinder, 3.5 lbs, each	RFB-0816
8" x 16" Foam Carving Cylinder, 3.5 lbs, Box of 12	RFB-0816-12
10" x 16" Foam Carving Cylinder, 3.5 lbs, each	RFB-1016
10" x 16" Foam Carving Cylinder, 3.5 lbs, Box of 6	RFB-1016-6
12" x 18" Foam Carving Cylinder, 3.5 lbs, each	RFB-1218
12" x 18" Foam Carving Cylinder, 3.5 lbs, Box of 6	RFB-1218-6
12" x 22" Foam Carving Cylinder, 3.5 lbs, each	RFB-1222
12" x 22" Foam Carving Cylinder, 3.5 lbs, Box of 4	RFB-1222-4
8" x 8" x 8" Foam Carving Block, 3.5 lbs, each	RFB-0888
8" x 8" x 8" Foam Carving Block, 3.5 lbs, Box of 27	RFB-0888-27
8" x 12" x 20" Foam Carving Block, 3.5 lbs, each	RFB-81220
8" x 12" x 20" Foam Carving Block, 3.5 lbs, Box of 7	RFB-81220-7
14" x 16" x 24" Foam Spinal Carving Block, 2 lbs, Box of 2	RFB-141624-2
16" x 18" x 24" Foam Spinal Carving Block, 2 lbs, Box of 3	RFB-161824-2
16" x 22" Foam Carving Cylinder, 3.5 lbs, each	RFB-1622
16" x 22" Foam Carving Cylinder, 3.5 lbs, Box of 2	RFB-1622-2
18" x 20" x 24" Foam Spinal Carving Block, 2 lbs, each	RFB-182024
20" x 22" x 24" Foam Spinal Carving Block, 2 lbs, each	RFB-202224

OMEGA®

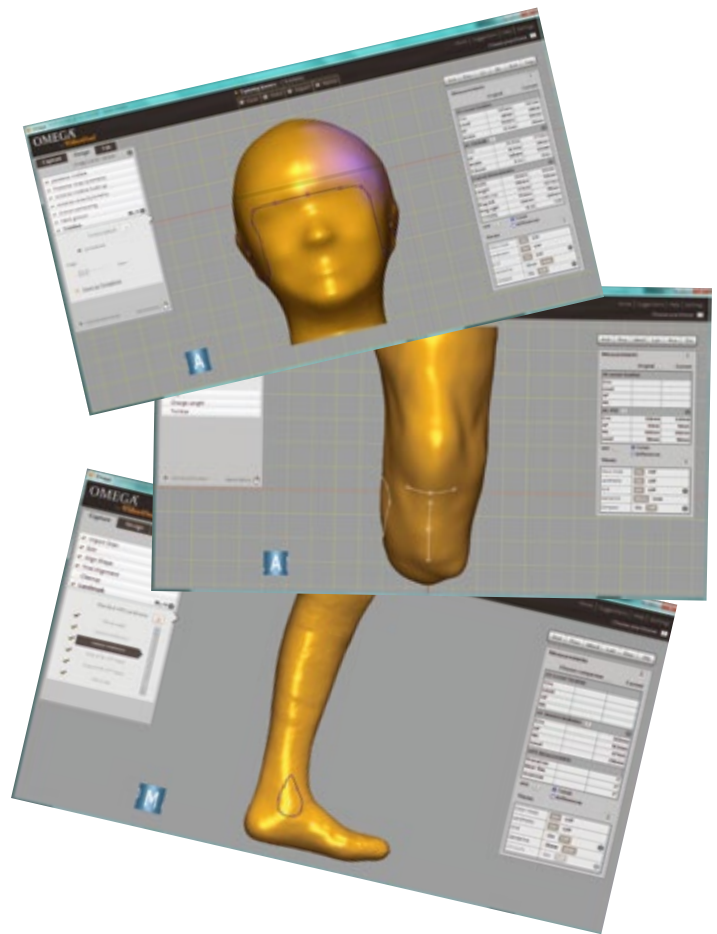


PRODUCT HIGHLIGHTS:

FOCUS ON NEEDS OF THE O&P PROFESSIONAL
EASY TO NAVIGATE & MANAGE PATIENT FILES
CUSTOMIZE MODIFICATION TOOLS DISPLAY & WORKFLOW

OVERVIEW

WillowWood's CAD system allows prosthetists and orthotists to improve the efficiency and accuracy of their practice by capturing, modifying, and storing shapes without the use of plaster. Once a shape is acquired by scanning (using the OMEGA Scanner 3D or OMEGA Structure Sensor), importing, or digitizing a cast, the clinician may modify the shape in a matter of minutes using an extensive suite of tools. The software may also be used to create custom Alpha DESIGN® Liners for transtibial and transfemoral patients. Patient files may be stored indefinitely and may be accessed at any time for reference or documentation requirements.



SOFTWARE TOOLS SAMPLING

Alignment adjustment tools
Global and interval circumference adjustment tools
Symmetry options
Shape specific regional tools:
- PTB, fibula head and tibial crest for transtibial applications
- Greater trochanter and femoral end for transfemoral applications
- Frontal, parietal and occipital for cranial applications
- Iliac crest, lumbar and thoracic areas for spinal applications
Change length
Trimline
Shift area

TECHNICAL SUPPORT

Available during 8:00 a.m. through 5:00 p.m., Eastern, Monday through Friday.
Please call WillowWood at 800.848.4930 or e-mail customer service at omegatechsupport@willowwood.com.

TRAINING

WillowWood offers training courses online.
Refer to willowwood.com for details or speak with your Regional Account Manager.

OMEGA®: SPECIFICATIONS

RECOMMENDED COMPUTER REQUIREMENTS:

For optimum performance of OMEGA software WillowWood recommends the following system requirements:

CPU	Intel® Core™ i7, 3RD Generation
RAM	8GB
DATA STORAGE, HARD DRIVE CAPACITY, AND/OR OPTICAL DRIVE	500GB 7200RPM hard disk, DVD-RW/CD-RW drive
CONNECTIVITY or PORTS	3 USB 2.0 or greater, 100Mbps LAN (RJ45)
WIRELESS	802.11g
VIDEO	NVIDIA Graphics card with minimum core speed of 850MHz, minimum memory speed of 1800MHz, and minimum memory of 2048MB
OPERATING SYSTEM	Windows 7 Professional (64 bit)
MOUSE	2-button USB mouse or touch pad
SOUND	Audio support with speakers
FIREWIRE CAPABILITIES	(Optional) Express Card Slot (34mm, 54mm) only if used with OMEGA Scanner. Not required if using OMEGA Scanner 3D.

OMEGA® SCANNER 3D

PRODUCT HIGHLIGHTS:

USE FOR LOWER EXTREMITY PROSTHETICS
& CRANIAL REMOLDING ORTHOSES

380 MM X 380 MM SCANNING AREA

ACCURACY UP TO .5 MM

USB CONNECTION

COMPATIBLE WITH OMEGA AND OMEGA TRACER V12



OVERVIEW

The OMEGA Scanner 3D uses structured light to create a 3D image. When the light hits an object the pattern deforms and is then measured by the scanner at a rate of 550,000 measurements/second. Only one or two scanning targets are required to denote shape landmarks. The scanned shape generates directly in the OMEGA software so clinicians may immediately see exactly what is captured. The structured light technology scans shapes at a faster rate with significantly less prep time than the lasers used by previous versions of the OMEGA Scanner which can save clinicians time and money. Lightweight and portable at only 850 g, the scanner proves a convenient tool for clinicians who use the system outside of patient care facilities. Fewer scanning targets are needed which reduces patient preparation time and the scanner allows for minor patient movement without impacting the accuracy of the scan.

Product	Item #
OMEGA® Scanner 3D	O-SCN-400
Laptop Computer	O-MSC-100
Cranial Caps	O-SCN-106
Cranial Model	O-MSC-301
Measuring Tape	O-MSC-201
AK Measuring Device	O-MSC-203

TRACING HARDWARE

PRODUCT HIGHLIGHTS:

- PERFECT FOR 'HANDS-ON' APPROACH
- 380 M X 380 M SCANNING AREA
- COMPATIBLE WITH OMEGA V12

OVERVIEW

The Tracing Hardware provides practitioners flexibility in its application. It can be used for prosthetic and orthotic shape capture by tracing a shape using the Tracing Pen. This CAD tool is best suited for practitioners who want a more interactive and “hands-on” approach in capturing and modifying a shape. The Tracing Hardware includes a WandXTension that fits over the Tracing Pen and allows practitioners to trace, or duplicate, existing prosthetic sockets and orthotic devices such as AFOs, Spinals, and knee braces. The Tracing Hardware (Black Bag) includes the Tracing Pen, WandXTension, and Digital Calipers.



Product	Item #
Tracing Hardware	OMG-00225

Appendix



Torque

WillowWood Fasteners with Torque Specifications

Product	Part # (if applicable)	Fastener Description	Torque	
Nm				
Ft-lbs				
Pediatric Components				
PPF-700250 Lam. Socket Attach. Block	700-B220	M5 x 10 Socket Head Capscrew (attach lam. cap)	hand-tighten	
		M5 x 12 Flat Head Capscrew (attach 4-hole components)	7	5
PPF-227014 4-Hole Pyramid	700-B220	M5 x 12 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-137004 4-Hole Pyr. Receiver	700-B220	M5 x 12 Flat Head Capscrew (attach to prosthesis)	7	5
	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-SP471 Titanium Suction Pyramid	700-B220	M5 x 12 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-994118 1/8" Spacer Plate	700-B221	M5 x 16 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-994114 1/4" Spacer Plate	700-B222	M5 x 20 Flat Head Capscrew (attach to prosthesis)	7	5
PPF-130000 22mm Tube Clamp Adap.	700-B223	M4 x 20 Socket Head Capscrew (pylon clamp)	4	3
		M6 x 12 Setscrew (adjust alignment)	4	3
PPF-131330 300mm Pylon w/Fixed Adap.	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-131340 400mm Pylon w/Fixed Adap.	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-138027 27mm Dual Receiver	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-138051 51mm Dual Receiver	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-1209 Alum. Foot Pyr. Rec.	700-B223	M6 x 12 Setscrew (adjust alignment)	4	3
PPF-FS006 Symes Nut		M8 x 18 Socket Head Capscrew (attach lamination cap)	hand-tighten	
PPF-1540 Exo Lam. Core		M8 x 18 Socket Head Capscrew (attach lamination cap)	hand-tighten	
Foundation Components				
FND-995000 Comp. TP Pyramid Adapter		M6 x 40 Flat Head Capscrew (attach to socket)	12	9
FND-268000 AK Rotatable 3-Prong Pyr. Rec.	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
	700-B103	M6 x 25 Socket Head Capscrew (clamp)	12	9
FND-268001 AK Rotatable 3-Prong Pyr. Adap.	700-B103	M6 x 25 Socket Head Capscrew (clamp)	12	9
FND-268002 AK Rotatable 3-Prong Base	700-B103	M6 x 25 Socket Head Capscrew (clamp)	12	9
FND-268004 Threaded Rotatable Pyramid Receiver Insert	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
700-200/250 Lam. Socket Attachment Block	700-B107	M6 x 12 Socket Head Capscrew (attach lamination cap)	hand-tighten	
		M6 x 16 Coated Flat Head Capscrew (attach 4-hole components)	12	9
700-375 3/8" 4-Hole Spacer Plate	700-B102	M6 x 25 Flat Head Capscrew (attach to prosthesis)	12	9
700-300 1/8" 4-Hole Spacer Plate	700-B104	M6 x 20 Flat Head Capscrew (attach to prosthesis)	12	9
FND-135105/06/07 Offset Plates	700-B106	M6 x 10 Flat Head Capscrew (attach components to plate)	12	9
		M6 x 16 SS Flat Head Capscrew (attach plate to prosthesis)	12	9
FND-224120 20mm Offset Pyramid	700-B106	M6 x 16 SS Flat Head Capscrew (attach to prosthesis)	12	9
FND-227004 Titanium 4-Hole Pyramid Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228002 Titanium 4-Hole Rotatable Pyramid Receiver	700-FS002 700-B104	M8 x 16 Setscrew (adjust alignment)	16	12
		M6 x 20 Flat Head Capscrew (attach to prosthesis)	12	9
		M5 x 10 Coated Socket Head Capscrew (secure clamp slide)	11	8
FND-228003 Titan. 4-Hole Rotatable Pyr.	700-B104	M6 x 20 Flat Head Capscrew (attach to prosthesis)	12	9
		M5 x 10 Coated Socket Head Capscrew (secure clamp slide)	11	8
FND-130030 Alum. 30mm Adapter	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	11-14	8-10
	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-220030 Titan. 30mm Adapter	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	11-14	8-10
	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12

Product	Part # (if applicable)	Fastener Description	Torque	
			Nm	Ft-lbs
FND-131330 Al. Fixed Adap. w/30mm tube	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-221330 Ti. Fixed Adap. w/30mm tube	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-139930 Al. Fixed Adap. w/23mm rod	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-229930 Ti. Fixed Adap. w/23mm rod	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228075 75mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228060 60mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228045 45mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
FND-228032 32mm Dual Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
Shorter setscrews	700-B122	M8 x 12 Setscrew (use in place of M8-1.25 x 16mm setscrews in cases of extreme alignment)	16	12
Magnum Components				
MHD-002 Magnum 30mm Adapter	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	14-16	10-12
	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
MHD-PR-4 Magnum Titan. 4-Hole Pyr. Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
Suspension Components				
700-AIS48X Alpha Lock	700-B100	M6 x 10 Socket Head Capscrew (attach Forming Plate)	hand-tighten	
		M6 x 30 Flat Head Capscrew (attach to socket)	12	9
700-AL60X Lamination Lock	700-B106	M6 x 8 Socket Head Capscrew (attach Lamination Plate)	hand-tighten	
		M8 x 40 Socket Head Capscrew (attach Lock Body to Fab. Post)	hand-tighten	
		M6 x 16 SS Flat Head Capscrew (attach 4-hole components)	12	9
700-AIS10X Alpha Lanyard		M6 x 10 Socket Head Capscrew (attach Forming Plate)	hand-tighten	
		M6 x 30 Flat Head Capscrew, Alloy Steel (attach to socket)	12	9
700-AIS50X Suction Insert	700-B100	M6 x 10 Socket Head Capscrew (attach Forming Plate)	hand-tighten	
		M6 x 30 Flat Head Capscrew (attach to socket)	12	9
700-GL481 G-Lock with Pyramid	700-B106	M6 x 16 SS Flat Head Capscrew (attach pyramid)	12	9
700-SP10X Suction Pro	700-B106	M6 x 16 SS Flat Head Capscrew (attach 4-hole components)	12	9
700-SP500 Suction Spacer Plate	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
		M6 x 20 Flat Head Capscrew (attach to socket)	12	9
700-SP501 Suction Spacer Plate w/Pyr. Rec.	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
		M6 x 20 Flat Head Capscrew (attach to socket)	12	9
700-SP502 Suction Spacer Plate w/Pyr	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
		M6 x 20 Flat Head Capscrew (attach to socket)	12	9
700-SP503 Suction Spacer Plate w/Slide Adap	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
700-SP504 Suction Spacer Plate w/5mm Offset	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
700-SP505 Suction Spacer Plate w/10mm Offset	700-B102	M6 x 25 Flat Head Capscrew (attach to socket)	12	9
LLV-01043 LimbLogic VS Vacuum Plate	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
		M6 x 25 Flat Head Capscrew (attach to socket)	12	9
LLV-01044 LimbLogic VS Vacuum Pyramid	700-Bo93	M6 x 50 Flat Head Capscrew (attach to pump & other components)	12	9
	700-Bo92	M6 x 55 Flat Head Capscrew (attach to pump & other components)	12	9

Torque

Product	Part # (if applicable)	Fastener Description	Torque	
			Nm	Ft-lbs
LLV-02003 LimbLogic VS Drop-In Adapter	700-B092	M6 x 55 Flat Head Capscrew (attach to socket)	12	9
		1/4 x 20 Socket Head Capscrew (secure distal pad during fabrication)		hand-tighten
	LLV-02103	M10-1.5 x 40 Socket Head Capscrew w/Nut (distal pad fabrication)		hand-tighten
Knees				
GEO-500 GeoLite		M6 x 10 Flathead Capscrew (attach 4-hole threaded adapter)	12	9
GEO-200 GeoFlex		M6 x 12 Flathead Capscrew (attach 4-hole threaded adapter)	12	9
GEO-200 GeoFlex	700-B106	M6 x 16 Flathead Capscrew (attach 4-hole threaded adapter)	12	9
GEO-200, 500 GeoFlex/GeoLite	700-B103	M6 x 25 Socket Head Capscrew (pylon clamp)	11-14	8-10
GEO-025 Threaded Clamp Adapter	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
		M5 x 10 Coated Socket Head Capscrew (secure clamp slide)	11	8
STK-222 Stab. Knee Extension Assist	700-B103	M6 x 25 Socket Head Capscrew (spring adjustment)	7	5
Feet (and feet accessories)				
PFDR-XXXX-X Pathfinder	700-B130	M6 x 12 Setscrew (A/P slide adjustment)	7-7	5-7
	700-B132	M8 x 12 Lowhead Capscrew (toe-out adjustment)	24-4	18
PFD-0114 Pathfinder Through 4-Hole Adap	700-B104	M6 x 20 Flat Head Capscrew (attach to socket)	12	9
PFD-0116 Pathfinder Pyramid Receiver	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
2LTC-1210 Pyramid Spacer Block	700-B128	M10 x 68 Socket Head Capscrew (used with Impulse)	41	30
Carbon Copy 2 Men's Foot	700-B114	M10 x 50 Socket Head Capscrew	41	30
Carbon Copy 2 Women's Foot	700-B116	M10 x 43 Socket Head Capscrew	41	30
Impulse Foot	700-B116	M10 x 43 Socket Head Capscrew	41	30
Impulse Ankle	700-B126	M10 x 32 Socket Head Capscrew	41	30
SACH Foot	700-B118	M10 x 38 Socket Head Capscrew	41	30
Single Axis Foot		M5 x 10 Capscrew (attach endoskeletal ankle)	7	5
Trailblazer Foot, Trailblazer MA Foot	700-B134	M6 x 6 Setscrew (attach heel)	6.8	5
English thread for use with all feet	700-B120	3/8" x 2.75" Socket Head Capscrew	41	30
Pediatric SACH	700-B200	M8 x 24 Socket Head Capscrew (used with Foot Pyramid Receiver, Symes Nut, or Exo ankle)	20	15
	700-B202	M8 x 32 Socket Head Capscrew (used with Foot Pyramid Adapter)	20	15
Pediatric Impulse	700-B201	M8 x 28 Socket Head Capscrew (used with Foot Pyramid Receiver, Symes Nut, or Exo ankle)	20	15
	700-B203	M8 x 34 Socket Head Capscrew (with Foot Pyr. Adapter)	20	15
PPK-GKIT Growth Kit	700-B204	M8 x 55 Socket Head Capscrew	20	15
DuraLite Foot	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
	700-B090	M6 x 10 Setscrew (attach prox. adapter to foot)	7	5
	700-B091	M3 x 6 Socket Head Capscrew (attach stair guard)		hand-tighten
		M8 x 16 Socket Head Capscrew (attach heel to shank)	21	16
Fusion Foot	700-FS002	M8 x 16 Setscrew (adjust alignment)	16	12
	700-B090	M6 x 10 Setscrew (attach prox. adapter to foot)	7	5
		M3 x 6 Socket Head Capscrew (attach stair guard)		hand-tighten
		M6 x 16 SS Flat Head Capscrew (attach heel)		hand-tighten
	700-B135	M6 x 18 SS Flat Head Capscrew (attach heel)	12	9
	FFA-1008	Special M8 Shoulder Bolt (attach heel and shank to foot plate)	12	9

WillowWood Fasteners by Type

Part # (if applicable)	Description	Uses
	M3 x 6 Socket Head Capscrew	DLF-XXXX-XX-X DuraLite™ Foot (attach stair guard) FFT-XXXX-XX-X Fusion™ Foot (attach stair guard)
	M4 x 20 Socket Head Capscrew	PPF-130000 P-POD 22mm Tube Clamp Adap. (pylon clamp)
	M5 x 10 Socket Head Capscrew	PPF-700250 P-POD Lam. Socket Attach. Block (attach lam. cap)
	M5 x 10 Socket Head Capscrew, Coated	GEO-025 Threaded Clamp Adapter (secure clamp slide) FND-228002 4-Hole Rotatable Rec. (secure clamp slide) FND-228003 4-Hole Rotatable Pyr. (secure clamp slide)
	M6 x 8 Socket Head Capscrew	700-AL60X, Lamination Lock (attach Lamination Plate)
	M6 x 10 SS Flathead Capscrew	GEO-200 GeoFlex (attach 4-hole component) FND-135105/06/07 Angle Offset Plate (attach components to Angle Plate)
	M6 x 12 Flathead Capscrew	GEO-500 GeoLite (attach 4-hole component)
	M6 x 10 Socket Head Capscrew	700-AIS48X Alpha® Lock (attach Forming Plate) 700-AIS10X Locking Lanyard (attach Forming Plate)
	M6 x 12 Socket Head Capscrew	700-200/250 Lam. Socket Attachment Block (attach lamination cap)
	M6 x 40 Flat Head Capscrew	FND-995000 Comp. TP Pyramid Adapter (attach to socket)
	M8 x 40 Socket Head Capscrew	700-AL60X Lamination Lock (attach Lock Body to Fab. Post)
	1/4" x 20 Socket Head Capscrew	LLV-02003 (secure distal pad during fabrication)
FFA-1008	Special M8 Shoulder Bolt	FFT-XXXX-XX-X Fusion Foot (attach heel and shank to foot plate)
LLV-02103	M10-1.5 x 40 Socket Head Capscrew w/Nut	LLV-02003 LimbLogic® VS Drop-In Adapter (attach to socket)
700-B090	M6 x 10 Setscrew	DLF-XXXX-XX-X Duralite Foot (attach proximal adapter to foot) FFT-XXXX-XX-X Fusion Foot (attach proximal adapter to foot)
700-B091	M8 x 16 Socket Head Capscrew	DLF-XXXX-XX-X Duralite Foot (attach heel to shank)
	M8 x 18 Socket Head Capscrew	PPF-1540 Pediatric Exo Lam. Core (attach lamination cap) PPF-FS006 Pediatric Symes Nut (attach lamination cap)
700-B092	M6 x 55 Flat Head Capscrew	LLV-01044 LimbLogic VS Vac. Pyr. (attach to pump & other components) LLV-02003 LimbLogic VS Drop-In Adapter (attach to socket)
700-B093	M6 x 50 Flat Head Capscrew	LLV-01044 LimbLogic VS Vac. Pyr. (attach to pump & other components)
700-B100	M6 x 30 Flat Head Capscrew	700-AIS48X Alpha Lock (attach to socket)
	M6 x 30 Flat Head Capscrew, Alloy Steel	700-AIS10X Alpha Lanyard (attach to socket)
700-B102	M6 x 25 Flat Head Capscrew	700-375 3/8" 4-Hole Spacer Plate (attach to prosthesis) 700-SP500 Suction Spacer Plate (attach to socket) 700-SP501 Suction Spacer Plate w/Pyr. Rec. (attach to socket) 700-SP502 Suction Spacer Plate w/Pyr (attach to socket) 700-SP503 Suction Spacer Plate w/Slide Adap (attach to socket)

Type

Part # (if applicable)	Description	Uses
700-B102	M6 x 25 Flat Head Capscrew (cont'd)	700-SP504 Suction Spacer Plate w/5mm Offset (attach to socket) 700-SP505 Suction Spacer Plate w/10mm Offset (attach to socket) LLV-01043 LimbLogic VS Vacuum Plate (attach to socket)
700-B103	M6 x 25 Socket Head Capscrew	FND-130030 Alum. 30mm Adapter (pylon clamp) FND-220030 Titan. 30mm Adapter (pylon clamp) FND-134130 Alum. 4-Hole 30mm Adapter (pylon clamp) MHD-002 Magnum 30mm Adapter (pylon clamp) FND-268000, 001 AK Rotatable 3-Prong Adap., Rec. (clamp) FND-268002 AK Rotatable 3- Prong Base (clamp) STK-222 Stab. Knee Extension Assist (spring adjustment) GEO-200, 500 GeoFlex/GeoLite (pylon clamp)
700-B104	M6 x 20 Flat Head Capscrew	700-SP500 Suction Spacer Plate (attach to socket) 700-SP501 Suction Spacer Plate w/Pyr. Rec. (attach to socket) 700-SP502 Suction Spacer Plate w/Pyr (attach to socket) GEO-025 GeoFlex Threaded Clamp Adapter (attach to socket) FND-228002 4-Hole Rotatable Pyr. Rec. (attach to prosthesis) FND-228003 4-Hole Rotatable Pyr. (attach to prosthesis) PFD-0114 Pathfinder Through 4-Hole Adap (attach to socket) LLV-01043 LimbLogic VS Vacuum Plate (attach to socket)
700-B105	M6 x 20 Flat Head Capscrew, Coated	700-300 1/8" 4-Hole Spacer Plate (attach to prosthesis)
700-B106	M6 x 16 SS Flat Head Capscrew	700-SP10X Suction Pro (attach 4-hole components) 700-AL60X, Lamination Lock (attach 4-hole components) FND-224120 20mm Offset Pyramid (attach to prosthesis) GEO-200, 500 GeoFlex/Lite (attach 4-hole component) 700-GL481 G-Lock with Pyramid (attach pyramid) FFT-XXXX-XX-X Fusion Foot (attach heel) FND-135105 Angle Offset Plate (attach Angle Plate to prosthesis) FND-135105/106/107 Offset Plates (attach plate to prosthesis)
700-B107	M6 x 16 Flat Head Capscrew, Coated	700-200/250 Lam. Socket Attachment Block (attach 4-hole components)
700-B110	M8 x 25 Setscrew	700-AL48X Alpha Lock (attaches Distal Adapter to Fabricating Dome)
700-B114	M10 x 50 Socket Head Capscrew	Carbon Copy 2 Men's Foot
700-B116	M10 x 43 Socket Head Capscrew	Carbon Copy 2 Women's Foot; Impulse Foot
700-B118	M10 x 38 Socket Head Capscrew	SACH Foot
700-B120	3/8" x 2.75" Socket Head Capscrew	English thread for use with all feet
700-B122	M8 x 12 Setscrew	Shorter setscrews to use in place of M8-1.25 x 16mm setscrews in cases of extreme alignment
700-B126	M10 x 32 Socket Head Capscrew	Impulse Ankle (used with Impulse Foot)
700-B128	M10 x 68 Socket Head Capscrew	2LTC-1210 Pyramid Spacer Block (used with Impulse)
700-B130	M6 x 12 Setscrew	PFDR-XXXX-X Pathfinder (A/P slide adjustment)
700-B132	M8 x 12 Lowhead Capscrew	PFDR-XXXX-X Pathfinder (toe-out adjustment)
700-B134	M6 x 6 Setscrew	Trailblazer Foot, Trailblazer MA Foot (attach heel)

Part # (if applicable)	Description	Uses
700-B135	M6 x 18 SS Flat Head Capscrew	FFT-XXXX-XX-X Fusion Foot (attach heel)
700-B200	M8 x 24 Socket Head Capscrew	Pediatric SACH (with Foot Pyr. Receiver, Symes Nut, or Exo ankle)
700-B201	M8 x 28 Socket Head Capscrew	Pediatric Impulse (with Foot Pyr. Receiver, Symes Nut, or Exo ankle)
700-B202	M8 x 32 Socket Head Capscrew	Pediatric SACH (with Foot Pyr. Adapter)
700-B203	M8 x 34 Socket Head Capscrew	Pediatric Impulse (with Foot Pyr. Adapter)
700-B204	M8 x 55 Socket Head Capscrew	PPK-GKIT Pediatric Growth Kit
700-B220	M5 x 12 Flat Head Capscrew	PPF-227014 Pediatric 4-Hole Pyramid (attach to prosthesis) PPF-137004 Pediatric 4-Hole Pyramid Rec. (attach to prosthesis) PPF-SP471 Pediatric Titanium Suction Pyr. (attach to prosthesis) PPF-700250 Pediatric Lam. Socket Attach. Block (attach 4-hole components)
700-B221	M5 x 16 Flat Head Capscrew	PPF-994118 Pediatric 1/8" Spacer Plate (attach to prosthesis)
700-B222	M5 x 20 Flat Head Capscrew	PPF-994114 Pediatric 1/4" Spacer Plate (attach to prosthesis)
700-B223	M6 x 12 Setscrew	PPF-137004 Pediatric 4-Hole Pyr. Receiver (adjust alignment) PPF-130000 Pediatric 22mm Tube Clamp Adap. (adjust alignment) PPF-131330 Pediatric 300mm Pylon w/Fixed Adap. (adjust alignment) PPF-131340 Pediatric 400mm Pylon w/Fixed Adap. (adjust alignment) PPF-138027 Pediatric 27mm Dual Receiver (adjust alignment) PPF-138051 Pediatric 51mm Dual Receiver (adjust alignment) PPF-1209 Pediatric Alum. Foot Pyr. Rec. (adjust alignment)
700-FS002	M8 x 16 Setscrew	FND-130030 Alum. 30mm Adapter (adjust alignment) FND-220030 Titan. 30mm Adapter (adjust alignment) FND-131330 Al. Fixed Adap. w/30mm tube (adjust alignment) FND-221330 Ti. Fixed Adap. w/30mm tube (adjust alignment) FND-139930 Al. Fixed Adap. w/23mm rod (adjust alignment) FND-229930 Ti. Fixed Adap. w/23mm rod (adjust alignment) FND-228002 4-Hole Rotatable Pyr. Rec. (adjust alignment) FND-268000 AK Rotatable 3-Prong Pyr. Rec. (adjust alignment) FND-268004 Threaded Rotatable Pyr. Rec. Insert (adjust alignment) FND-228075 75mm Dual Receiver (adjust alignment) FND-228060 60mm Dual Receiver (adjust alignment) FND-228045 45mm Dual Receiver (adjust alignment) FND-228032 32mm Dual Receiver (adjust alignment) FND-136101 Duralite/Fusion Pyramid Adapter FND-136102 Duralite/Fusion Pyramid Receiver MHD-002 Magnum 30mm Adapter (adjust alignment) MHD-PR-4 Magnum Titan. 4-Hole Pyr. Receiver (adjust alignment) PFD-0116 Pathfinder Pyramid Receiver (adjust alignment)

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