

Alpha Classic® Pediatric Liners



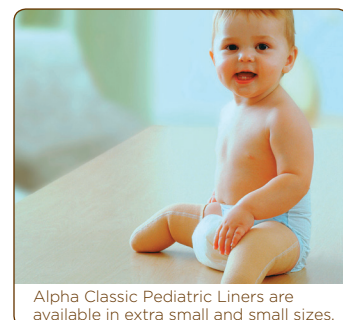
Our pediatric liners are offered in our abrasion-resistant MAX fabric.

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 sheer, 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.

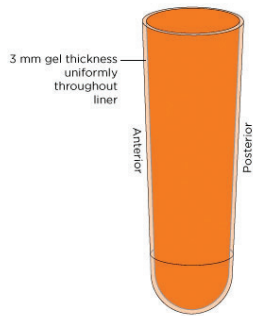


Alpha Classic Pediatric Liners are available in extra small and small sizes.

Ordering Guidelines: Alpha Classic® Pediatric Liners

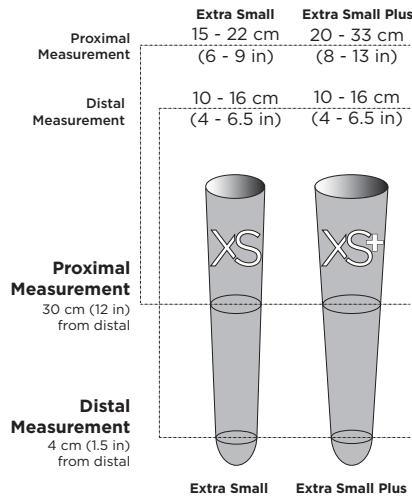
Uniform Liner Profile, 3 mm

PROFILE



SIZING GUIDE

Please refer to the illustrations for recommendations for fitting Alpha Classic Pediatric Liners.



L-CODE SUGGESTIONS

L5673 Cushion Liner (bill once per liner)
L5679 Locking Liner (bill once per liner)

WARRANTY

12 months from date of patient fitting

TRIAL PERIOD

30 days from date of patient fitting

ITEM NUMBERS

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

Pediatric SACH Foot



The Pediatric SACH Foot is lightweight at only 155 g.

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.



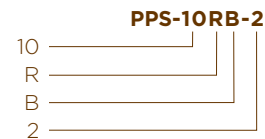
Three cosmesis colors are offered for foot shells (left to right): buff, medium brown, and tan.

Ordering Guidelines: Pediatric SACH Foot

To order, determine foot specifications and the corresponding foot shell size.

Foot Ordering Options

Size of Foot: 9 to 22 cm
 Side of Foot: L = Left, R = Right
 Foot Shell Color: B = Buff, M = Medium Brown, T = Tan
 Toe Resistance: 2 = Low, 3 = Regular, 4 = High



Approximate Product Weight** 155 g (.34 lb)

Patient Weight Limit* 132 lbs (60 kg)

Build Height 1.63" (4.13 cm)

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

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.

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)

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

** Weight is based on size 16 cm foot.

Pediatric Impulse® Foot



The Pediatric Impulse Foot cosmesis may be ordered in buff, medium brown, or tan.

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.



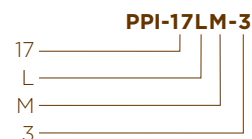
Three cosmesis colors are offered for foot shells (left to right): buff, medium brown, and tan.

Ordering Guidelines: Pediatric Impulse® Foot

To order, determine foot specifications and the corresponding foot shell size.

Foot Ordering Options

Size of Foot:	13 to 22 cm
Side of Foot:	L = Left, R = Right
Foot Shell Color:	B = Buff, M = Medium Brown, T = Tan
Toe Resistance:	2 = Low, 3 = Regular, 4 = High



Approximate Product Weight** 155 g (.34 lb)

Patient Weight Limit* 132 lbs (60 kg)

Build Height 1.38" (3.51 cm)

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

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.

Trial Period 30 days from date of patient fitting

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)

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

** Weight is based on size 16 cm foot.

Pediatric Suspension

PEDIATRIC TITANIUM SUCTION PYRAMID



The Pediatric Titanium Suction Pyramid is the recommended suspension product for laminated sockets. It features a duckbill valve to create a secure fit. The Pediatric Titanium Suction Pyramid can be purchased alone or as a kit. The Pediatric Titanium Suction Pyramid includes one suction pyramid, one porous plastic insert and one foam muffler. When buying the kit, you also receive a Pediatric Laminated Socket Attachment Block.

PRODUCT WEIGHT	33 g
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

Product	Item #
Pediatric Titanium Suction Pyramid (shown)	PPF-SP471
Pediatric Suction Pyramid Kit, Titanium	PPF-SP470
Pediatric Duckbill Valve (shown)	PPF-484

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.

PRODUCT WEIGHT	67 g
PATIENT WEIGHT LIMIT	132 lbs (60 kg)
BUILD HEIGHT	.84" (21.44 mm)
L-CODE SUGGESTION	L5671 (one-time billing, when used in a new socket)
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

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



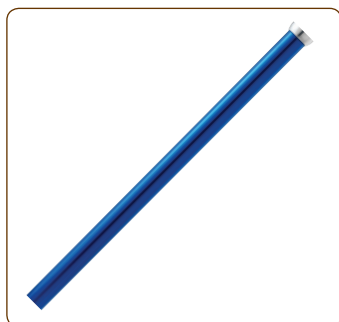
The Pediatric Laminated Socket Attachment Block provides a 4-hole pattern attachment point in laminated sockets. You receive one Pediatric Laminated Socket Attachment Block, 4 capscrews, 1 metal laminating cap, 4 plastic caps, and 2 pieces of 1" wide x 12" long carbon tape.

PRODUCT WEIGHT	33 g
PATIENT WEIGHT LIMIT	132 lbs (60 kg)
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

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

PATIENT WEIGHT LIMIT	132 lbs (60 kg)
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

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
PATIENT WEIGHT LIMIT	132 lbs (60 kg)
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

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 WEIGHTS	30 g
PATIENT WEIGHT LIMIT	132 lbs (60 kg)
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

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

PEDIATRIC 4-HOLE ADAPTER SPACER PLATES



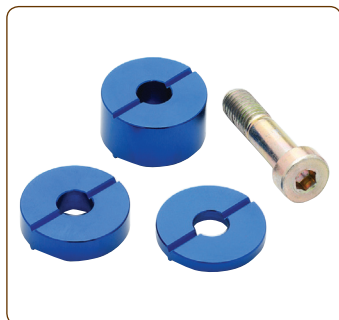
Pediatric 4-Hole Adapter Spacer Plates are offered in both 1/8" (#1) and 1/4" (#2). If desired, multiple spacer plates may be installed, as long as the total height of Spacer Plates does not exceed 3/8" (9.5 mm).

PRODUCT WEIGHTS	Pediatric 1/8" 4-Hole Spacer Plate	5 g
	Pediatric 1/4" 4-Hole Spacer Plate	10 g
PATIENT WEIGHT LIMIT	132 lbs (60 kg)	
WARRANTY	12 months from date of patient fitting	

ITEM NUMBERS

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.

PATIENT WEIGHT LIMIT	132 lbs (60 kg)
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

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 WEIGHTS
 Pediatric Aluminum Dual Receiver, 27 mm 44 g
 Pediatric Aluminum Dual Receiver, 51 mm 65 g

PATIENT WEIGHT LIMIT 132 lbs (60 kg)

WARRANTY 12 months from date of patient fitting

ITEM NUMBERS

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 WEIGHTS 15 g

PATIENT WEIGHT LIMIT 132 lbs (60 kg)

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

ITEM NUMBERS

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 WEIGHTS 35 g

PATIENT WEIGHT LIMIT 132 lbs (60 kg)

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

ITEM NUMBERS

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
PATIENT WEIGHT LIMIT	132 lbs (60 kg)
WARRANTY	12 months from date of patient fitting <i>Use with adult-sized components will void the warranty.</i>

ITEM NUMBERS

Product	Item #
Pediatric Titanium Symes Nut	PPF-FS006

PEDIATRIC EXOSKELETAL ANKLE BLOCK



The Pediatric Exoskeletal Ankle block is available in two versions, one for use with the Pediatric SACH Foot and a second version for use with the Pediatric Impulse Foot. This ankle block consists of an inner laminating core surrounded by a light weight foam that can be shaped to the desired contour.

The Laminating Core of the Pediatric Exoskeletal Ankle Block is available as an individual component. Use the Pediatric Laminating Core when most of the ankle block foam is unnecessary because of a very long or very narrow limb.

PATIENT WEIGHT LIMIT	132 lbs (60 kg)
WARRANTY	12 months from date of patient fitting

ITEM NUMBERS

Product	Item #
Pediatric Exoskeletal Laminating Core	PPF-1540

Pediatric SACH Foot Products

Pediatric SACH Exo Ankle Block, Size 15-18 (small), Left	PPS-1518SL
Pediatric SACH Exo Ankle Block, Size 15-18 (small), Right	PPS-1518SR
Pediatric SACH Exo Ankle Block, Size 19-22 (large), Left	PPS-1922LL
Pediatric SACH Exo Ankle Block, Size 19-22 (large), Right	PPS-1922LR

Pediatric Impulse® Foot Products

Pediatric Impulse® Exo Ankle Block, Size 15-18 (small), Left	PPI-1518SL
Pediatric Impulse® Exo Ankle Block, Size 15-18 (small), Right	PPI-1518SR
Pediatric Impulse® Exo Ankle Block, Size 19-22 (large), Left	PPI-1922LL
Pediatric Impulse® Exo Ankle Block, Size 19-22 (large), Right	PPI-1922LR

