

WILLOWWOOD®

2024

Pediatric Catalog

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Alpha[®] Classic

Pediatric Liners

Product Highlights

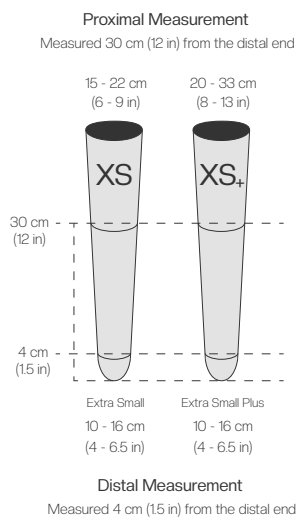
- Designed specifically for young amputees
- Made of skin-friendly, Alpha Classic Gel with mineral oil & vitamin E
- Durable abrasion-resistant fabric

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.



L-Code Suggestions: L5679 (cushion), L5973 (locking)

Liner Sizing:



Item Numbers:

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

Pediatric SACH Foot

Product Highlights

- Carbon/nylon keel
- Flexible toe belting
- Intended for first stages of walking



L-Code Suggestions: N/A (included in base prosthesis)

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.

Pediatric SACH Foot: Specifications

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

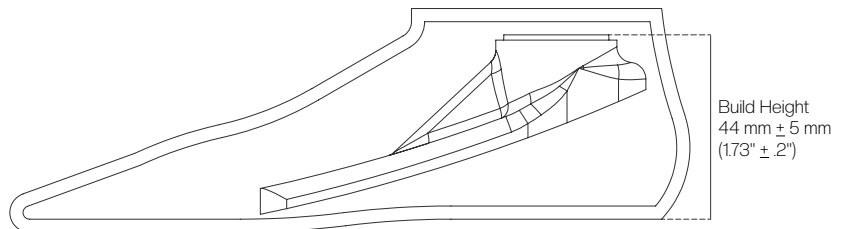
Product Weight: 155 g (.34 lb)*

*Weight is based on size 16 cm foot

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

Warranty: 12 months from date of patient fitting

Use of product with adult-size 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.

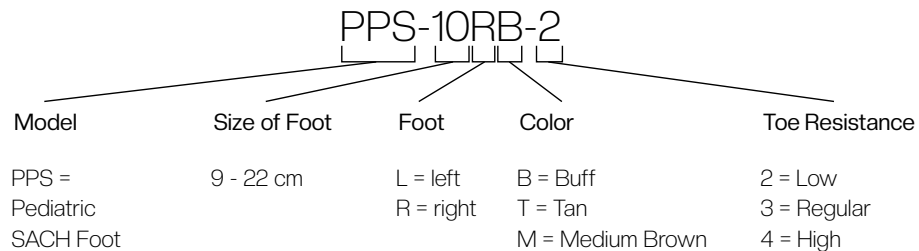
Foot Size	2 = Low	3 = Regular	4 = High
9 - 12 cm	< 15 lb (7 kg)	15 - 30 lb (7 - 14 kg)	> 30 lb (14 kg)
13 - 14 cm	< 20 lb (9 kg)	20 - 35 lb (9 - 16 kg)	> 35 lb (16 kg)
15 - 16 cm	< 30 lb (14 kg)	30 - 45 lb (14 - 20 kg)	> 45 lb (20 kg)
17 - 18 cm	< 35 lb (16 kg)	35 - 50 lb (16 - 23 kg)	> 50 lb (23 kg)
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)

How To Order

Pediatric SACH Foot

Ordering example:

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



What's Included:



Foot cosmesis in buff, tan or medium brown



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



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

Pediatric Impulse[®] Foot



L-Code Suggestion: L5976

Product Highlights

- Carbon/nylon keel
- Substantial energy return
- Intended for second stage of walking

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.

Pediatric Impulse Foot: Specifications

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

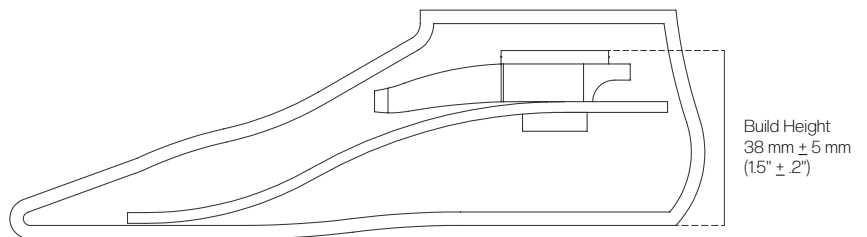
Product Weight: 155 g (.34 lb)*

*Weight is based on size 16 cm foot

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

Warranty: 12 months from date of patient fitting

Use of product with adult-size 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.

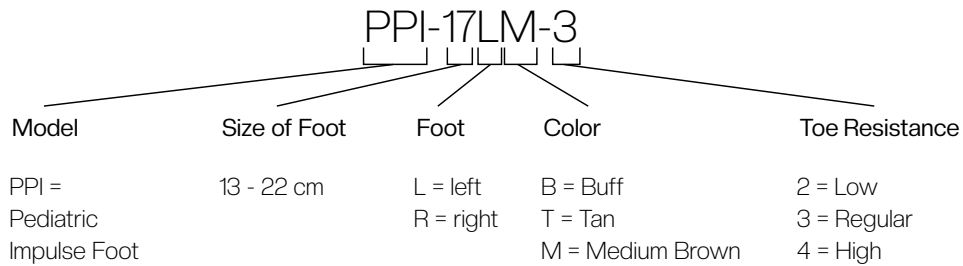
Foot Size	2 = Low	3 = Regular	4 = High
13 - 14 cm	< 20 lb (9 kg)	20 - 35 lb (9 - 16 kg)	> 35 lb (16 kg)
15 - 16 cm	< 30 lb (14 kg)	30 - 45 lb (14 - 20 kg)	> 45 lb (20 kg)
17 - 18 cm	< 35 lb (16 kg)	35 - 50 lb (16 - 23 kg)	> 50 lb (23 kg)
19 - 20 cm	< 45 lb (20 kg)	45 - 70 lb (20 - 32 kg)	> 70 lb (32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

How To Order

Pediatric Impulse Foot

Ordering example:

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



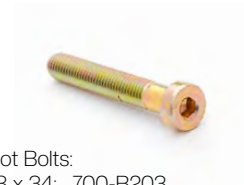
What's Included:



Foot cosmesis in buff, tan or medium brown



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



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

Pediatric Suspension

Mini G-Lock

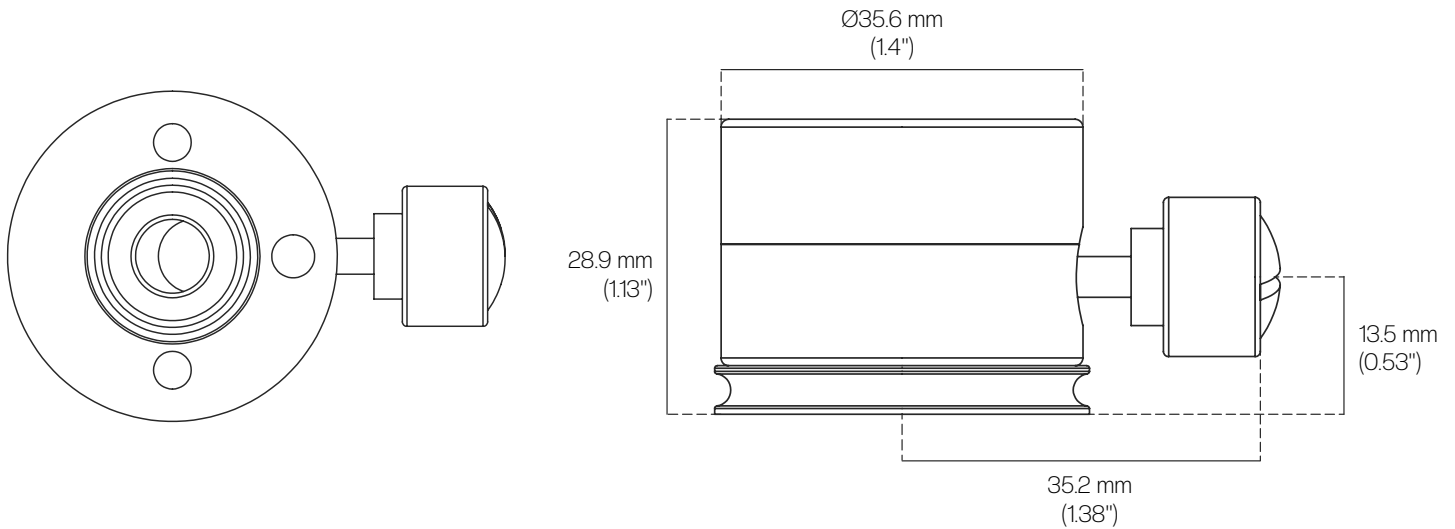
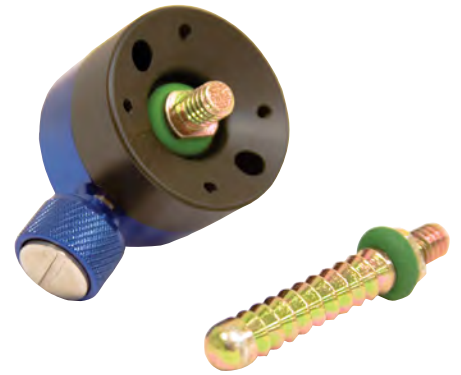
The Mini G-Lock is designed to meet the needs of upper extremity and pediatric amputees. The Mini G-Lock has a standard pin locking mechanism with pin seal. The design of this small lock allows the user to secure the locking pin in place at the nearest groove. The Mini G-Lock is CAD-friendly but still 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.

Product Weight: 67 g

Warranty: 12 months from date of patient fitting

L-Code Suggestion: L5671

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



Modular Components:

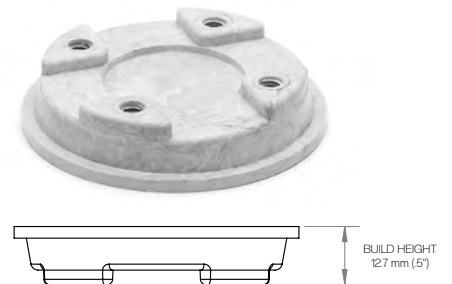
Pediatrics

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



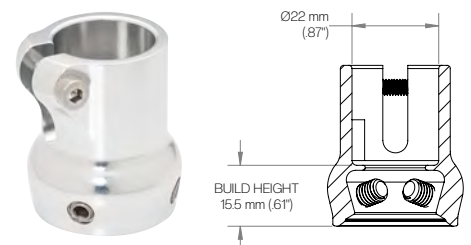
Product	Item #
Pediatric 22 mm Aluminum Pylons, 300 mm (shown)	PPF-130030
Pediatric 22 mm Aluminum Pylons, 400 mm	PPF-130040
Pediatric Aluminum Fixed Adapter w/ 22 mm Pylon, 300 mm	PPF-131330
Pediatric Aluminum Fixed Adapter w/ 22 mm Pylon, 400 mm (shown)	PPF-131340

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

Modular Components:

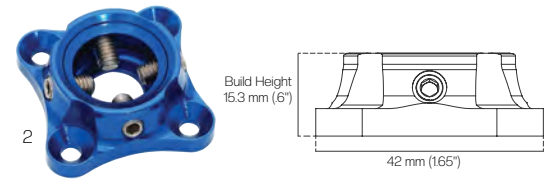
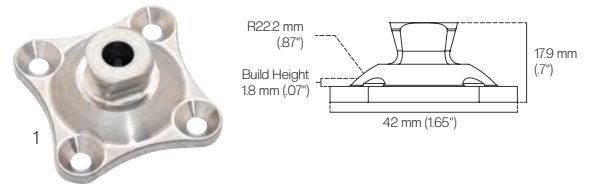
Pediatrics

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

Modular Components:

Pediatrics

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



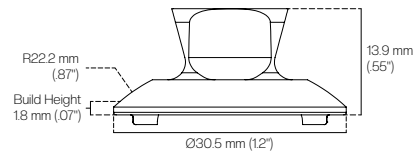
Product	Item #
Pediatric Aluminum Dual Receiver, 27 mm	PPF-138027
Pediatric Aluminum Dual Receiver, 51 mm	PPF-138051

Pediatric Titanium Foot Pyramid Adapter

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 Receiver

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

Modular Components:

Pediatrics

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

