

**Coyote**® 

# PRODUCT CATALOG



**Buchanan Orthotics**

**Buchanan Orthotics**

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Glasgow

G513AR

0141 440 1999

0141 440 5999

[www.buchananorthotics.co.uk](http://www.buchananorthotics.co.uk)

# ABOUT COYOTE

At Coyote we are not only concerned with making quality products and providing excellent customer service, but also with creating a quality place to work and live. Our efforts toward a friendly, environmentally responsible workplace have earned us a Blue Ribbon Small Business Award from the U.S. Chamber of Commerce.

## Made in the USA

More than 90 percent of our products are made in the USA. Most are made within a few miles of our home office in Boise, Idaho.

## Coyote

419 N. Curtis Rd.      www.coyote.us  
Boise, Idaho 83706 USA    (208) 429-0026

## Need more product info?

Visit us at [www.coyote.us](http://www.coyote.us) for more information, videos, tips and instructions.



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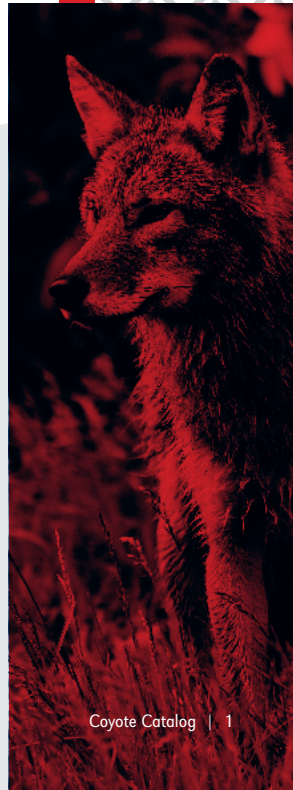
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## 2-Year Warranty

You want products to last and we want to learn how to make them last longer. This is why we offer a TWO-YEAR warranty from the date of purchase on most of our products\* against manufacturer's defects, excessive wear, or breakage. You don't pay for shipping.\*\*

- 1 Call and let us know if you need a part replaced. (208) 429-0026.
  - 2 We will need a PO to ship you a new part. We will then invoice you for the part and the shipping.
  - 3 We will fax or email you a Return Authorization Form for you to complete.
  - 4 Ship the damaged part and completed form to us. Charges bill to our UPS account.
  - 5 After inspection and approval\*\*\* of the returned part, we will issue you a credit. No charge for ground shipping.
    - Return Authorizations will be rejected if the product is older than a year from the purchase date.
    - There is a 20% restocking fee for the return of any products after 6 months of purchase.
    - Any glue product older than 6 months will not be accepted.
      - ♦ This includes all Quik Glue products and all products that use silicone adhesive such as the Proximal Lock and the Wave Suction Band.
- \* 6-month limited warranty against manufacturer defects, excessive wear, or breakage applies to the Dynamic Strut AFO (CD207XS, CD207S, CD207M, CD207MS, CD207SS, CD207XSS) Call for details.
- \*\* Parts must be used under reasonable and normal circumstances.
- \*\*\* All Kleenaire blowers are warranted for 1 year from date of original purchase. See warranty for details.



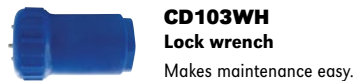
# AIR-LOCK

www.coyote.us/airlock



A lightweight, dual-suspension pin system designed to combine suction suspension comfort with pin suspension security. The airtight seal prevents air from coming into the bottom of the socket, creating suction and reducing pistoning even without a sleeve!  
For patients who struggle with pin engagement, use the Deep Air-Lock with the 11 click pin.

- Suction allows for less traction on the limb for increased comfort and decreased liner wear
- Expulsion valve or suspension sleeve are not needed to maintain suction in most cases
- Water-resistant
- Do not use with elevated vacuum



### CD103EB | Air-Lock Push Button Valve

An after market addition that can be retrofit on all Air-Locks.

Sold Separately.



### CD103 | Air-Lock

AK BK Patent No. 6334876



### CD103M | Medium Air-Lock

AK BK AE BE PED

### CD103S | Small Air-Lock

AK BK AE BE PED

*Pins sold separately.*

### Deep Air-Locks



CD103D - Deep Air-Lock



CD103MD - Medium Deep Air-Lock



CD103SD - Small Deep Air-Lock

## ADDITIONS



**CD103AF**  
**Alignable Connector**  
Offset up to .6"



**CD111**  
**One-Shot Connector**  
Offset up to .6"



**CD103SDI**  
**Single Direction Insert**  
Offset up to .33"



**CD103MDI**  
**Multi-Direction Insert**  
Offset up to .33"



**CD103P8**  
**10 mm, Two Part**  
**8-click Pin**  
350 lbs capacity  
1.3" long. Includes spacers



**CD103P11**  
**10 mm, Two Part**  
**11-click Pin**  
350 lbs capacity  
1.65" long. Includes spacers



**CD103P8H**  
**10 mm, 8-click Brass**  
*For active, heavier patients*  
350 lbs capacity  
1.3" long. Includes spacers



**CD103P11H**  
**10 mm, 11-click Brass**  
*For active, heavier patients*  
350 lbs capacity  
1.65" long. Includes spacers



**CD103PX**  
**6 mm, Two Part**  
**8-click Pin**  
1.3" long. Includes spacers



**CD103PQ**  
**1/4x20, Two Part**  
**8-click Pin**  
1.3" long. Includes spacers

# EASY-OFF™ LOCK



Our second generation lock has a more robust lever, tooth and larger O-ring. It is very similar to the Air-Lock in that it stays airtight to create suction in the socket, the Easy-Off™ Lock can be used with elevated vacuum. Its unique lever design also makes doffing easy, especially for amputees with hand strength issues, arthritis, or trouble reaching the release button.

- Ⓢ Easy donning and doffing with lever release
- Ⓢ Self-lubricating materials reduce wear
- Ⓢ Water-resistant
- Ⓢ Can be used with elevated vacuum
- Ⓢ Airtight “suction” or vacuum suspension with the safety and security of a pin



## CD117 | Easy-Off™ Lock

AK BK

Patent No. 6334876.  
Other patents pending.



[www.coyote.us/easyoff](http://www.coyote.us/easyoff)



## CD117D | Deep Easy-Off™ Lock

AK BK

Easy removal without holding release button.  
Push or pull to release.



Pins are now sold separately and come in a two pack.

## ADDITIONS



**CD103AF**  
**Alignable Connector**  
Offset up to 0.6"



**CD111**  
**One-Shot Connector**  
Offset up to 0.6"



**CD103SDI**  
**Single-Direction Insert**  
Offset up to 0.33"



**CD103MDI**  
**Multi-Direction Insert**  
Offset up to 0.33"



**CD103P8**  
**10 mm, Two Part 8-click Pin**  
350 lbs capacity  
1.3" long. Includes spacers



**CD103P11**  
**10 mm, Two Part 11-click Pin**  
350 lbs capacity  
1.65" long. Includes spacers



**CD103P8H**  
**10 mm, 8-click Brass**  
*For active, heavier patients*  
350 lbs capacity  
1.3" long. Includes spacers



**CD103P11H**  
**10 mm, 11-click Brass**  
*For active, heavier patients*  
350 lbs capacity  
1.65" long. Includes spacers



**CD103PX**  
**6 mm, Two Part 8-click Pin**  
1.3" long. Includes spacers



**CD103PQ**  
**1/4x20, Two Part 8-click Pin**  
1.3" long. Includes spacers



# DROP-IN SUCTION PUCK

The **New** Drop-In Suction Puck is to remove the obstruction of having an externally mounted valve as well as having the option of a suction capable drop-in puck for your 3D printing needs.

## CD120EP | Drop-In Suction Puck

AK BK

- For 3D Sockets
- Built-in one-way suction valve
- Four hole connector



# DROP-IN LOCKS

## CD122A | Air-Lock Drop-In

Build Height: 2.010"

**New** lighter and stronger design. Great for 3D printed sockets and traditional fabrication.

- Water-Resistant
- Airtight suction - dual suspension security of a pin
- Expulsion valve or suspension sleeve not needed in most cases
- Great for 3D printed sockets

For 3D printing contact Coyote® for your STL and OBJ Files.



## CD122E | Easy-Off Drop-In

2nd Generation - Build Height: 2.175"



Easy donning and doffing with a more robust lever release and tooth

## CD122AFD | Drop-In Air-Lock Fabrication Dummy

CD122AFD - Fabrication dummy sold separately.



[www.coyote.us/dropin](http://www.coyote.us/dropin)



## CD122EFD | Drop-In Easy-Off Fabrication Dummy 2nd Generation

CD122EFD - Fabrication dummy sold separately.

Must use 2nd Generation with the current lock design



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# GROMMET LOCK

Designed with pediatric patients in mind, the Grommet Lock is simple, lightweight, and durable for use with upper and lower extremity. Just like our adult locks, it has multiple connector options for fabrication of a lower extremity prosthetic.

## CD104 | Grommet Lock

PED



- Ⓡ Pediatric only
- Ⓡ Lightweight, durable plastic
- Ⓡ Water-resistant
- Ⓡ Can be modified for minimum clearance
- Ⓡ Can be used in upper and lower extremity prosthetics
- Ⓡ Three thread options for any liner type (10mm, 6mm, ¼ x 20)
- Ⓡ Weight limit of 100 lbs



[www.coyote.us/grommet](http://www.coyote.us/grommet)

Pins are now sold separately and come in a two pack.



**CD104P10** |  
10mm Pin



**CD104P6** |  
6mm Pin



**CD104PQ** |  
¼ x 20 Pin



**CD104P6H** |  
6mm Pin



**CD104PQH** |  
¼ x 20 Pin

ADDITIONS

# LANYARD



This is a simple, lightweight, ultra low build height lanyard lock that helps pistoning. Our new design for the metal puck has the connector posts built in for easier layups. The lanyard is segmented making easy length adjustments. They work well for simple visual donning and doffing and have K1 to K4 activity levels.



[www.coyote.us/Lanyard-puck](http://www.coyote.us/Lanyard-puck)

## CD120 | Lanyard Plastic Puck

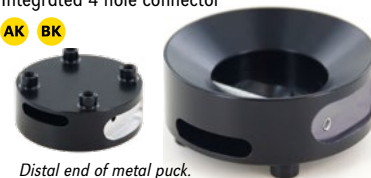
AK BK



## CD121P | Lanyard Metal Puck with Posts

Integrated 4 hole connector

AK BK



*Distal end of metal puck.*

## CD120L | Lanyard & low profile screw kit

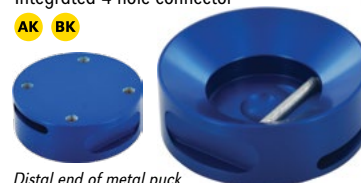
24 inch strapping,  
(puck not included)



## CD121 | Lanyard Metal Puck

Integrated 4 hole connector

AK BK



*Distal end of metal puck.*

## CD121D | Lanyard Aluminum Dummy with Posts



# CONNECTORS



## CD103AF | Alignable Connector

Up to 0.6" of offset, 35g. Ideal for use with Air-Lock and Easy Off Locks. Can be glued to the lock in any offset position for fabrication into the socket, or keys directly onto locks when used with inserts. Eliminates need for offset components. For laminations or thermoforming. 350 lb weight limit.



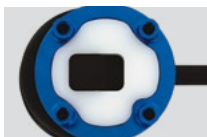
## CD103MDI | Multi-Direction Insert

Up to 0.33" offset in two directions. Installed into connector to allow connector to be keyed onto bottom of lock in centered position or offset in two directions. For laminations or thermoforming. Use with Alignable Connector or One-Shot Connector.



## CD103SDI | Single-Direction Insert

Up to 0.33" of offset in one direction. Installed into connector to allow connector to be keyed onto bottom of lock in centered position or offset in one direction. For laminations or thermoforming. Use with Alignable Connector or One-Shot Connector.



## CD111 | One-Shot Connector

Up to 0.6" offset, 44g. Connector with tie off ring for easier lay-ups. Lower profile than Alignable Connector. Can be glued to lock in desired location or keyed onto lock using inserts. For laminating only. 350 lb weight limit.



## CD119SC | Test Socket Connector

Economical, cost effective, easy way to glue on connector designed specifically for Vivac check sockets. Connects to standard four hole componentry with our new high strength bridging design. Bonds well with Coyote Quik Adhesive. 11/16" height, 2 3/4" diameter, reusable.



[www.coyote.us/connectors](http://www.coyote.us/connectors)



## CD106 | Alignment Coupler

Offset for ML and AP of 0.64". Easily installs on four hole connector. Easy to adjust with 3mm wrench. For fitting purposes only. 265 lb weight limit.



## CD103PFF | Pediatric Fast Four Connector

Pediatric four-hole connector that keys directly onto the center of the lock for easy and fast fabrication. Used with Grommet Lock, Small Air-Lock or Medium Air-Lock. For laminations or thermoforming. 100 lb weight limit.



## CD103PAF | Pediatric Alignable Connector

Used with Grommet Lock, Small Air-Lock or Medium Air-Lock. Laminating or thermoforming. This model can be used to offset the connector from the bottom of the pin in virtually any location by up to 0.25". 100 lb weight limit.



## CD115CF5 | 5 Degree AK Connector

Capable of up to 1.5" of Offset with 5 degrees of flexion angle. Connectors primarily use is with Lanyard Pin (CD118P) lanyard locks (CD103L, CD117L) can also be used with other Coyote® locks or the Integrator. Eliminates the need for offset components. For lamination or thermoforming. 265 lb. weight limit.

# LOCKING LANYARD

MADE IN  
USA



[www.coyote.us/lanyard](http://www.coyote.us/lanyard)



- The lanyard pin helps elongate the limb when donning.
- The pin gives audible confidence of engagement.
- The o-ring at the end of the pin creates an airtight socket helping to reduce air noise.

Fabrication with the 5 Degree AK Connector eliminates the need for offset components.

Same simple fabrication as the Deep Air-Lock and Deep Easy-Off Lock pin systems.

## CD117L | Easy-Off Locking Lanyard **AK**

2nd Generation, Robust Lever Design / Push Button, lanyard lock

- Easy donning and doffing with lever release
- Water-resistant
- Airtight "suction" with the safety and security of a pin



## CD103L | Air-Lock Locking Lanyard **AK**

Push Button Design, lanyard lock

- Suction allows for less traction on the limb for increased comfort and decreased liner wear
- Expulsion valve or suspension sleeve are not needed to maintain suction in most cases
- Water-resistant



One pin is included with the locking lanyard locks

## ADDITIONS



### CD115CF5 | 5 Degree AK Connector

Capable of up to 1.5" of Offset with 5 degrees of flexion angle.



### CD118P | Locking Lanyard Pin

350 lbs capacity, 1.65" long. Includes cord and spacers.



### CD118PD | Lanyard Pinch Disk

Holds Lanyard cord to side of socket.

# PROXIMAL LOCK

MADE IN  
USA

Simply easier. Designed to control rotation and be more user-friendly, the Proximal Lock attaches over a larger area, which distributes weight more evenly. The adhesive included with each lock is flexible even after it sets, making donning simpler.

## CD116 | Proximal Lock

AK BK AE BE PED

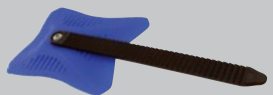
Includes liner attachment, lock, fabrication dummy, glue form, and adhesive.

Patent No. 6666894, 7431738, 7077868.  
Other patents pending.



The Proximal Lock includes a reinforcement strip for extra reinforcement, less friction and repair.

ADDITIONS



### CD116XS | Extra Strap Kit

For additional liners. Includes strap and liner attachment.



### CD116SA | Silicone Adhesive for Proximal Lock

Additional adhesive if needed. A tube is included with each lock.

- ZERO CLEARANCE lock
- Controls rotation
- Use with your choice of distal adapters
- Ideal for long limbs with minimal clearance
- Larger attachment distributes more tension
- Flexible attachment rolls on easier
- Can be used with seal band liners
- Adhesive included with each lock
- Lock can be retrofit
- Bills like a distal pin lock system (L5671)

Coyote®



[www.coyote.us/proximal](http://www.coyote.us/proximal)



# SUMMIT™ LOCK

Specifically for long limbs, the Summit™ Lock is designed to control rotation and requires zero clearance! There's no need to purchase a locking liner and you can use any socket adapter.

CD101 can be retrofit.



[www.coyote.us/summit](http://www.coyote.us/summit)



Base Length 1.75"

**CD101 | Summit Lock**

AK BK AE BE PED

Patent No. 6666894

⊕ Liner attachment shape makes the liner simple to roll on

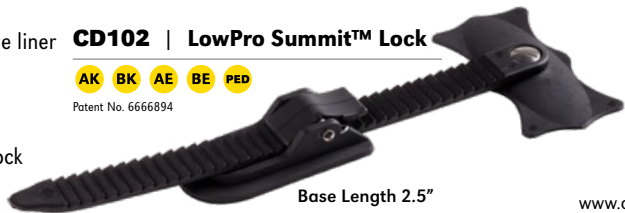
⊕ Easy to cover cosmetically

⊕ Ergonomic tab feeds easily into lock

**CD102 | LowPro Summit™ Lock**

AK BK AE BE PED

Patent No. 6666894



Base Length 2.5"



[www.coyote.us/lowpro](http://www.coyote.us/lowpro)

Liner attachment is applied with "Coyote Quik Glue" or a 5 minute epoxy. Do not use silicone based adhesive.

ADDITIONS



**CDDMA51 | Dispenser 50cc cartridge**

Dispenser for CD4150 adhesive. Easy to control flow, light-weight.



**CD401 | 6-Pack Extra Mix Tips**

For 50cc cartridge

**CD402 | 20-Pack Extra Mix Tips**

For 50cc cartridge

# WAVE SUCTION BAND

## Wave Suction Band

The Coyote Wave Suction Band comes in multiple sizes.

- ⊕ The Suction Band helps create dual suspension in combination with our Proximal, Summit and Low-Pro Locks.
- ⊕ The airtight suspension produces a more intimate fit with added security.

The Hands-Free Valve or Push Button Valve are recommended to relieve suction when donning and doffing.



[www.coyote.us/wave-band](http://www.coyote.us/wave-band)

### Wave Suction Band sizes

Part Number	Size	Circumference	Width	Thickness
CD130BS	Small	16cm - 25cm	7.62cm	4mm
CD130BM	Medium	25cm - 37cm	7.62cm	4mm
CD130BL	Large	37cm - 49cm	7.62cm	4mm
CD130BX	Extra Large	49cm - 64cm	7.62cm	4mm
CD130BXX	Extra Extra Large	64cm - 77cm	7.62cm	4mm

Silicone adhesive is included.

The sizes are guidelines and can vary depending on the patient. Smaller sizes are more snug.





# DYNAMIC STRUT

Our New Dynamic Strut Design combines a unique combination of strength and flex that other posterior dynamic struts do not offer. The AFO has the fit and comfort of a custom AFO with a posterior mounted dynamic strut for optimal ambulation. The strut is mounted to a custom thermoformed AFO and designed for average daily use; walking, working, hiking, biking, golf.

*Has not been tested with running.*

## Designed to Flex

- Ⓢ Moves with the Patient
- Ⓢ Helps create a Natural Gait
- Ⓢ Works great with a thermoformed orthosis
- Ⓢ Offloads weight from the foot and ankle
- Ⓢ Provides Energy Response

Testimonials and demonstration videos  
can be found at [www.coyote.us](http://www.coyote.us)

**CURBELL**  
PLASTICS

\*We typically use Curbell Plastic's - ProComp® Carbon Reinforced Polypropylene.



[www.coyote.us/dynamicstrut](http://www.coyote.us/dynamicstrut)



## Strut Choices

### CD207XS (Extra Soft Flex Kit)

Patient Weight Range: 70-150 lbs.

Patient Activity Level: Light to Medium Activity

### CD207S (Soft Flex Kit)

Patient Weight Range: 90-200 lbs.

Patient Activity Level: Light to Medium Activity

### CD207M (Medium Flex Kit)

Patient Weight Range: 125 - 225 lbs.

Patient Activity Level: Light to Medium Activity Level

### CD207R (Rigid Flex Kit)

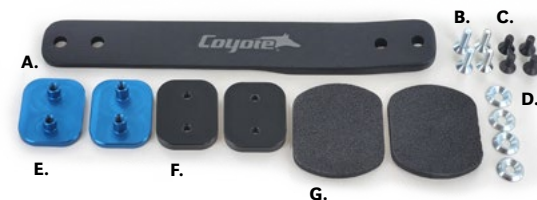
Patient Weight Range: 200 - 280 lbs.

Patient Activity Level: Light to Medium Activity Level

### CD207XR (Extra Rigid Flex Kit)

Patient Weight Range: 260 - 350 lbs.

Patient Activity Level: Light to Medium Activity Level



## What comes in the package

- |  |  |
|--|--|
| A. Strut (1) (10.5 x 1.5)  | D. Clamp Washer (4)  |
| B. Screws (4) for CD207XS, CD207S, CD207M<br>(2) - 6x18 for Top Mounting Plate<br>(2) - 6x20 for Bottom Mounting Plate | E. AFO Mounting Plate (2)<br>(1) Upper Mounting Plate - Short Posts<br>(1) Lower Mounting Plate - Tall Posts |
| C. Black Screws 6x14 (4)   | F. AFO Fabrication Tooling Pieces (2)  |
| B. Screws (4) for CD207R, CD207XR<br>(2) - 6x22 for Top Mounting Plate<br>(2) - 6x25 for Bottom Mounting Plate         | G. AFO Plate Foam (2)  |
| C. Black Screws 6x16 (4)   |  |



## Replacement strut part numbers

- CD207XSS - Extra Soft Flex Replacement Strut
- CD207SS - Soft Flex Replacement Strut
- CD207MS - Medium Flex Replacement Strut
- CD207RS - Rigid Flex Replacement Strut
- CD207XRS - Extra Rigid Replacement Strut



# MINI DYNAMIC STRUT

Coyote's Mini Dynamic Strut is made from Resilergy™ the same responsive composite material as our standard strut just a smaller size. Our struts combine a unique combination of strength and flex that other posterior dynamic struts simply do not offer. The Mini Strut was designed for smaller and patients with softer flex options available. These struts are comfortable enough for average daily use; walking, working, hiking, biking, golf.

*Has not been tested with running.*

The Mini Strut is (8.5" x 1.25")

## CD209S (Soft Flex Kit)

Patient Weight Range: 70 - 110 lbs.

Patient Activity Level: Light to Medium Activity

## CD209M (Medium Flex Kit)

Patient Weight Range: 90 - 130 lbs.

Patient Activity Level: Light to Medium Activity Level

## CD207R (Rigid Flex Kit)

Patient Weight Range: 110 - 150 lbs.

Patient Activity Level: Light to Medium Activity Level

*Coming fall of 2023*

**Soft, Medium, and Rigid**

- ⓧ Designed for smaller patients
- ⓧ Kit includes tooling & mounting
- ⓧ Replacement struts available



# SMALL PEDIATRIC STRUT

## CD205PS | Small Pediatric AFO Strut

Patient Weight Range: up to 90 lbs.

Patient Activity Level: All Activity Levels

### Technical Points

- ⓧ Simple design
- ⓧ Adds strength, reinforcement and support to Thermoplastic AFOs.
- ⓧ All activity levels for children up to 90 lbs.
- ⓧ Locking concave design for strength and thermoplastic vacuum drawing compatibility.

### Practitioner Points

- ⓧ Made from a composite plastic
- ⓧ Helps with Tri-planar control.
- ⓧ More torsion (Axial Rotation)
- ⓧ Helps with hemiplegia, Cerebral Palsy, Spina Bifida when there is correction needed in the foot.
- ⓧ Dynamic return with Plantar flexion Resist/ Dorsiflexion Resist.

A more streamlined AFO that vents well. Lighter weight than a solid AFO.



[www.coyote.us/pediatric-strut](http://www.coyote.us/pediatric-strut)



# ADHESIVE

MADE IN  
USA



## Ideal Multi-Purpose Adhesive

Great for any situation when you need something glued quickly and easily. Both Adhesives ship non-hazardous and are safe with no odor.

- ⌚ Very quick set with no sag



### CD4220 | Quik Glue White

30 Second, 220 cc cartridge. Dispenser required; includes 1 mix tip.

30 Second set up time  
2 minute full cure time

### CD4150 | Quik Glue White

30 Second, 50cc cartridge. Dispenser or plunger required; includes 1 mix tip.

## NEW ADHESIVE



- ⌚ 60 second with no sag
- ⌚ Is solid when cured
- ⌚ Bonds well to fabric, plastic and metal
- ⌚ Easy to smooth

### CD4320 | Quik Glue Tan

60 Second, 220 cc cartridge. Dispenser required; includes 1 mix tip.

60 Second set up time  
3 minute full cure time

### CD4350 | Quik Glue Tan

60 Second, 50cc cartridge. Dispenser or plunger required; includes 1 mix tip.

## Stays Flexible when cured

- ⌚ Longer set time with no sag
- ⌚ Stays flexible when cured
- ⌚ Bonds well to fabric, plastic and metal
- ⌚ Easy to smooth



[www.coyote.us/quikglue](http://www.coyote.us/quikglue)



### CD4220S | Quik Glue Black

90 Second, 220 cc cartridge. Dispenser required; includes 1 mix tip.

90 Second set up time  
7 minute full cure time

### CD4250 | Quik Glue Black

90 Second, 50cc cartridge. Dispenser or plunger required; includes 1 mix tip.

\*Recommend purchasing additional tips - Tips must be replaced prior to each use.

# VALVES

MADE IN USA

Coyote's auto expulsion valves are easy to install in new sockets with fabrication tooling or retrofit. The built-in auto expulsion quietly expels air all day with no fuss and features a higher "crack" pressure than most valves, which helps to create a higher level of hypobaric suspension.

## CD105 | CQL™ Auto Expulsion Valve

Height: 11mm. Patent pending.

- Easy to clean and retrofit
- Quiet expulsion
- Low profile
- Includes a filter to block debris



## CD103EB | Air-Lock Push Button Valve

An after market addition that can be retrofit on all Air-Locks.

Sold Separately.



## CD103WH | Lock wrench

Makes maintenance easy.



[www.coyote.us/valves](http://www.coyote.us/valves)

# THE INTEGRATOR™



[www.coyote.us/integrator](http://www.coyote.us/integrator)

The Integrator Socket Adapter, when used with one of our connectors, can be built into alignment in one step with a clean inside socket finish. Ideal for AK or BK sockets.

## CD108 | Integrator™ (2 3/8" diameter) AK BK

Standard size, fits most lower extremity limbs. Integrator glues to mold. Alignable Connector with or without inserts is keyed onto Integrator and both parts are fabricated into socket. 265 lb weight limit. Thermoforming or laminating.



## CD108S | Small Integrator™ (2" diameter) AK BK

Smaller size for smaller limb shapes. 265 lb weight limit. Thermoforming or laminating.

## Put it to the Test

The Proximal lock, LowPro and Summit Locks were designed for Coyote® CEO and Co-Founder Matt Perkins.

Matt won 5 ITU Triathlon World Championships in 2006, 2007, 2008, 2009, 2010 while wearing the Proximal Lock.

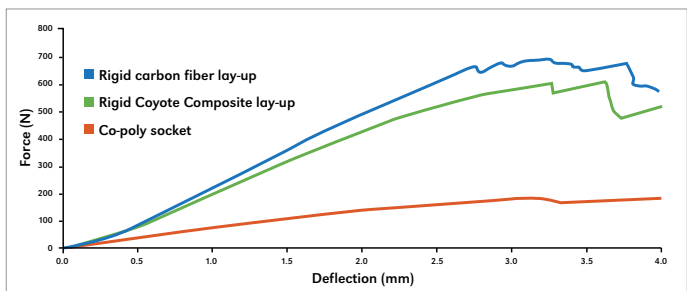




# COYOTE COMPOSITE

A great alternative to itchy, expensive carbon fiber braid! Coyote Composite, is made from basalt filament, a safe, tough material for composite sockets and AFOs. Also relatively easy to cut and finish compared to other materials.

- Extremely durable
- Resistant to cracking
- Less itch than carbon
- Non-carcinogenic and non-toxic
- Strong and lightweight
- Finishes smooth, with superior resin saturation
- Unique dampening characteristics
- Less expensive



**Resin** Coyote Composite works with typical prosthetic resins and saturates much better than carbon.

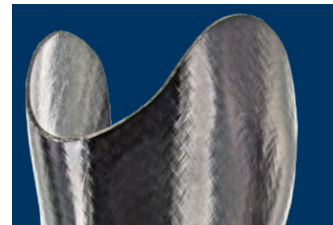
**Saturation and Laminating** Because of its superior saturation it's important to prevent resin starvation. Lamination starvation will cause frayed edges.

**Finishing** Coyote Composite finishes easily. Use sharp tooling at slow speeds to finish. In some cases, you may need to wet-sand.

**Relieving** Coyote Composite is heat- and flame-resistant and isn't damaged by heating. It allows for limited adjustment based on the type of resin used.

**Safety** Because of the inert nature of basalt, it is not a carcinogen. Also, Coyote Composite is between 9 and 16 micrometers in diameter, which is too large to be an inhalant risk. Basalt also causes significantly less skin irritation.

Composite on outside of lay-up



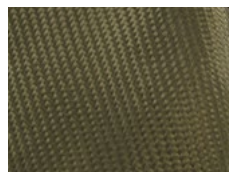
Composite on inside of lay-up



# COYOTE COMPOSITE



**Braid** Our proprietary braid was designed to be used in equivalent amounts to carbon. Coyote Composite is more flexible than carbon (we consider this to be an advantage), but if you need to match the rigidity of a carbon socket, use additional layers of stockinette and/or carbon tape.



**Fabric** Coyote Composite fabric sheeting can be used for reinforcement layers of heavy duty sockets and/or AFOs. The material is thin and lightweight which allows for greater flexibility in adding the ideal amount of reinforcement.

Fabric	Braid		
	Type	TPI*	Length/(ft)
CD	F	350	3

**Fabric available in**  
 .17 mm Thickness  
 Has a Bi-directional weave

## Ordering options

Braid	Fabric		
	Type	Size (in)	Length/(ft)
CD	B	3	10
CD	B	3	20
CD	B	3	82
CD	B	4	10
CD	B	4	20
CD	B	4	82
CD	B	5	10
CD	B	5	20
CD	B	5	82
CD	B	6	10
CD	B	6	20
CD	B	6	82
CD	B	7	10
CD	B	7	20
CD	B	7	82
CD	B	8	10
CD	B	8	20
CD	B	8	82
CD	B	10	10
CD	B	10	20
CD	B	10	82

# SILENT AIR COMPRESSOR



These silent air compressors are dependable, vibration free, and compact that have noise levels as low as 30 dB/A.



Each high performance compressor is built with quality in mind, and comes fully equipped with powder coated air tank, pressure switch, 5 micron line filter, pressure regulator, and gauges for easy installation and trouble free operation. When operating under full load this line of exceptionally quiet air compressors offers decibel levels as low as 30 dB/A.

Visit our website for more information of the different silent air compressor packages.



[www.coyote.us/compressor](http://www.coyote.us/compressor)



# CYCLONE™ BIKE FOOT



## FB1 | Cyclone™ Bike Foot

AK BK

- Ⓢ Light Weight
- Ⓢ Durable
- Ⓢ Rigid
- Ⓢ Optimal  
*Power Stroke, Fit, & Alignment*

The Coyote Cyclone™ Bike Foot (FB1) was designed for K3-K4 level ambulators who desire a light weight, durable, and rigid foot. It is designed to give optimal power stroke, fit, and alignment for cycling.

The Cyclone™ Bike Foot was designed to minimize foot weight without compromising durability. While pedaling, the Cyclone's™ short foot length increases pedal stroke efficiency giving unmatched energy transfer, eliminates energy lost to deflection caused by the foot shell and shoe flex, and unnecessary weight. Can be used with two or three hole cleats.



# ACCESSORIES



## CD103FL | Fitting Lock

Air-Lock housing with reinforced distal end for accurate evaluation of lock pin spacing to improve seating of pin in lock. Ideal for reducing play in lock. Contact Coyote Design for long pin (Deep Air-Lock) fitting locks. *For fitting only.*

## CD103RBC | Release Button Cover

Added to end of release button to make it easier for patients to release the lock. Ideal for geriatric patients or others with lower dexterity or limited hand strength.



## CD103GPN | Guide Pin

Used to make standard locks deeper. Prevents long pins from bottoming out in standard locks.



## CD103ELP | Exo Lamination Plug

Used when fabricating the Air-Lock in Exo sockets.



## CD103PC | Pin Cap

The Pin Cap is used to reseal socket to keep it airtight when deepening socket when using a long pin with a standard lock.



# TOOLS & ACCESSORIES

MADE IN  
USA



## CD301 | Extractor Socket Removal Tool

The Extractor quickly and easily removes most molds from the laminated or thermoformed socket without damaging the mold or socket. Includes adapter for sockets with four-hole connectors.



## CD307 | Plaster Spreader

Used for build-ups during modifications. The tool is easy to clean and won't stick to plaster.



[www.coyote.us/tools](http://www.coyote.us/tools)



## CD311 | 12 oz Mixing Bowl

Made of non-stick, durable material, its easy to grip and clean. Wide base won't tip over.

## CD309 | Modification Handle

Allows for modifications while keeping fingers and knuckles clear of abuse. Easy to clean and replace blades, and reduces blade breakage. Works with 10" Stanley Surform Blades, flat- or half-round.



## CD010 | Coyote Design Apron

Take care of your clothes in the lab with this inexpensive Coyote Design Smock. One size fits all.

## CD317 | ML Gauge

This ML Gauge was designed specifically for measuring prosthetic and orthotic patients. Priced right and built to last.



## CD103SFC | Small Casting Dots (200 pk)

## CD103LFC | Large Casting Dots (50 pk)

Easily mark problem areas during the casting process. The adhesive back will keep them in place during casting. 0.375" or 0.87" diameter.



## CD308 | Casting Bag

The Casting Bag, as seen in Q School workshops, is ideal for casting over to keep the liner clean. Sold in packs of 100.



## In Standard and Mini Designs

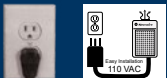
### KLEENAIRE | Dual Filtered Air Purification System

Patent US D536, 432S

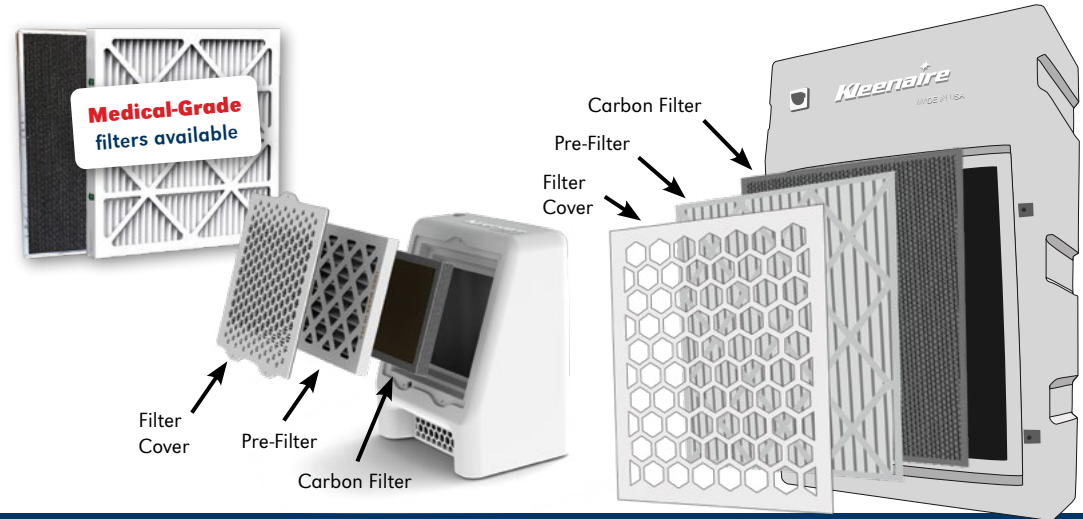
- Reduces spread of viruses
- Lowers CO<sub>2</sub> levels
- Controls dust, removes odors, contaminates, and even viruses
- Higher air quality and healthier working environment
- Designed for minimum noise and high air flow
- Easy to install, maintain, and cost effective



The affordable alternative to purify the air for residential, commercial, or manufacturing.



Clean air is now more important than ever  
sign up for a filter change every quarter.



Buy your **filter subscription** at [www.coyote.us/kleenaire/](http://www.coyote.us/kleenaire/)

See Manufacturer's Capacity Index chart for information on contaminants removed by the charcoal filter.

For more information go to [www.coyote.us](http://www.coyote.us)





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