

# ORTHOTIC COMPONENTS



## Coyote Dynamic AFO Strut Kit

The Coyote 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
- Designed for use in a thermoformed orthosis

The Kit comes with the following:-



### Dynamic AFO Strut Kit

| Product Name         | Weight Range             | Code    |
|----------------------|--------------------------|---------|
| Extra Soft Flex Kit  | 32–68 Kg (70–150 lbs)    | CD207XS |
| Soft Flex Kit        | 41–90 Kg (90–200 lbs)    | CD207S  |
| Medium Flex Kit      | 57–102 Kg (125–225 lbs)  | CD207M  |
| Rigid Flex Kit       | 90–127 Kg (200–280 lbs)  | CD207R  |
| Extra Rigid Flex Kit | 118–158 Kg (260–350 lbs) | CD207XR |

All of the above suitable for patient activity level -  
Light to medium

### Rotation and Flexion Shims

Shims designed to adjust the rotation or flexion angles on Coyote Dynamic Struts AFOs.

| Product Name  | Code     |
|---------------|----------|
| Rotation Shim | CD206RSP |
| Flexion Shim  | CD206FSP |

## Replacement Struts

Replacement struts are available and do not come with the dummies for manufacturing

| Product Name                       | Code     |
|------------------------------------|----------|
| Extra Soft Flex Replacement Strut  | CD207XSS |
| Soft Flex Replacement Strut        | CD207SS  |
| Medium Flex Replacement Strut      | CD207MS  |
| Rigid Flex Replacement Strut       | CD207RS  |
| Extra Rigid Flex Replacement Strut | CD207XRS |

## Dynamic Strut Fitting Kit



| Product Name              | Code    |
|---------------------------|---------|
| Dynamic Strut Fitting Kit | CD207FK |

### For Test & Demo Purposes Only

#### Contains:

CD207XSS, CD207SS, CD207MS, CD207R, CD207XR demo struts, one set of mounting plates and fabrication tooling, and a set of Rotation Shims and set of Flexion Shims.

## Coyote 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 at approximately 5 cm shorter at 21.5 cm long. Our struts combine a unique combination of strength and flex that other posterior dynamic struts do not offer. The Mini Strut was designed for smaller 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.*

### Indications

- Designed for smaller patients
- Kit includes tooling and mounting
- Replacement struts available
- The Mini Strut is 21.5 cm long so we recommend a minimum AFO height of 24–25 cm depending on set up



| Product Name         | Weight Range           | Code   |
|----------------------|------------------------|--------|
| Mini Soft Flex Kit   | 31–49 Kg (70–110 lbs)  | CD209S |
| Mini Medium Flex Kit | 41–58 Kg (90–130 lbs)  | CD209M |
| Mini Rigid Flex Kit  | 49–68 Kg (110–150 lbs) | CD209R |

### Additional information

The Mini Strut is 21.5 cm long and 3.2 cm wide and the AFO needs to be longer with room for the AFO to fit into footwear.

The Dynamic Strut is 26.7 cm Long and 3.2 cm wide

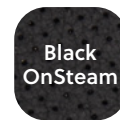
# Materials



## SPENCO

- Spenco is the leading cover choice for shock absorption, impact reduction and overall foot comfort.
- The 4-way stretch fabric helps reduce friction and shear
- Sold by the 1066 mm x 1219 mm sheet

| Colour | Thickness | Sheet Size     | Code      |
|--------|-----------|----------------|-----------|
| Green  | 3 mm      | 1066 × 1219 mm | SPEN-GR-3 |
| Green  | 1.5 mm    | 1066 × 1219    | SPEN-GR-1 |



## ON STEAM/on Dry

- Very High Quality
- 100%breathable
- Temperature regulating
- Anti Odour
- This exceptional microfibre material has the special benefits of being extremely absorbent and sweat-resistant.

| Colour | Thickness | Linear Meter | Code      |
|--------|-----------|--------------|-----------|
| Black  | 0.8 mm    | 1400 mm      | 010912001 |



## CARBON VINYL

- Carbon Look artificial leather
- Breathable
- Insole top cover material

| Colour | Thickness | Sheet Size     | Code      |
|--------|-----------|----------------|-----------|
| Black  | 0.8 mm    | 1460 × 1000 mm | 011455946 |
| Orange | 0.8 mm    | 1460 × 1000 mm | 011455947 |



## P2 covered with On Steam

- P2 – PU Foam material excellent resetting characteristics
- On Steam Top Layer
- Microfibre OnSteam Top layer which is sweat-resistant.

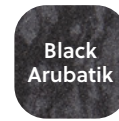
| Colour     | Thickness | Sheet Size     | Code      |
|------------|-----------|----------------|-----------|
| grey/black | 2 mm      | 2100 × 1350 mm | 011021020 |



## NEOPRENE

Textile-backed both sides (terry/polyester jersey)

| Colour | Thickness | Sheet Size     | Code  |
|--------|-----------|----------------|-------|
| Black  | 2 mm      | 1500 × 1000 mm | NEOBL |



## Arubatik 35

- EVA foam material
- approx. 35° Shore A

| Colour | Thickness | Sheet Size     | Code      |
|--------|-----------|----------------|-----------|
| Black  | 1 mm      | 1030 × 1035 mm | 010643010 |
| Black  | 2 mm      | 1030 × 1035 mm | 010643020 |
| Black  | 3 mm      | 1030 × 1035 mm | 010643030 |
| Black  | 4 mm      | 1030 × 1035 mm | 010643040 |
| Black  | 5 mm      | 1030 × 1035 mm | 010643050 |
| Black  | 6 mm      | 1030 × 1035 mm | 010643060 |

| Colour | Thickness | Sheet Size     | Code      |
|--------|-----------|----------------|-----------|
| Beige  | 1 mm      | 1030 × 1035 mm | 010642010 |
| Beige  | 2 mm      | 1030 × 1035 mm | 010642020 |
| Beige  | 3 mm      | 1030 × 1035 mm | 010642030 |
| Beige  | 4 mm      | 1030 × 1035 mm | 010642040 |
| Beige  | 5 mm      | 1030 × 1035 mm | 010642050 |
| Beige  | 6 mm      | 1030 × 1035 mm | 010642060 |

## Glues/Adhesives

### Why Coyote Quick Glue?

Whether it's for fabrication, socket adapters, or valves, we have found Coyote Quik Glue to be the easiest, most cost-effective adhesive on the market. Available in 30, 60, & 90 second set times to give you a range depending on your situational needs.

### 30 Seconds CD4220 & CD4150

- 50 cc and 220 cc options
- Multiple uses including repairing sockets
- Great for attaching socket blocks
- Very quick set with no sag
- Ships non-hazardous
- Safe, no odor.
- Spare Mix tips available

| Size   | Code   |
|--------|--------|
| 220 cc | CD4220 |
| 50 cc  | CD4150 |



### 60 Seconds CD4320 & CD4350

- 50 cc and 220 cc options
- Multiple uses, including repairing sockets
- Great for attaching socket blocks
- Very quick set with no sag
- Ships non-hazardous
- Safe, no odor
- Spare Mix tips available

| Size   | Code   |
|--------|--------|
| 220 cc | CD4320 |
| 50 cc  | CD4350 |



### 90 Seconds CD4220S & CD4250

- 50 cc and 220 cc options
- Bonds well to fabric, plastic, and metal
- Used for attaching componentry
- Stays flexible when cured
- Longer set time with no sag
- 7 minute full cure time
- Easy to smooth
- Safe, no odor
- Spare Mix tips available

| Size   | Code    |
|--------|---------|
| 220 cc | CD4220S |
| 50 cc  | CD4250  |



# Terms and Conditions

---

## How to Order

### **Buchanan Orthotics can accept orders in the following ways:**

- By telephone 0141 440 1999
- By fax 0141 440 5999
- By email – orders@buchananorthotics.co.uk

Please ensure your order has the correct Purchase Order quoted.

Please specify product code, quantity required and any special delivery information.

Customer service can supply order conformation if required.

## Delivery Options

### **Buchanan Orthotics can dispatch your item in the following method:**

- Next Day Courier
- Timed Courier (Pre-10 or Pre-12)
- Saturday Delivery

You will be advised if an item is not in stock.

(Additional charges may apply to timed delivery)

## Returns procedure

All stock products can be returned within a 30-day period. All items must be in their original packaging and in a resalable condition. Any items which have been worn or have a risk of infection can not be returned.

### **There are certain products which we cannot accept returns on:**

- Split size and/or insoles including compensation insoles.
- Any item made in a custom size
- Any item which has been adapted
- Any item which is clearly marked as non-returnable in the catalogue

Any carriage will not be refunded on items and may be charged on replacements.

Please contact our Customer Services team for further advice for this on 0141 440 1999

## Single patient use

Any product supplied by Buchanan Orthotics is strictly for single patient use only, for each individual patient and must not be adapted in anyway, as this will render the registration marking and warranty invalid and may lead to cross infection between patients.

All items should have been fitted originally by an experienced and qualified Healthcare Professional, and failure to ensure this would invalidate any liability from Buchanan Orthotics.

Please take careful note of fitting advice and when to replace the products if they are damaged or worn. Buchanan Orthotics clinicians are on hand for any advice required.



## **Buchanan Orthotics**

603 Helen Street, Glasgow, G51 3AR  
[www.buchananorthotics.co.uk](http://www.buchananorthotics.co.uk)  
[orders@buchananorthotics.co.uk](mailto:orders@buchananorthotics.co.uk)  
**0141 440 1999**

**Opening hours:**  
Monday-Thursday: 9am-5pm  
Friday: 9am-4pm

