

# Bracing Solutions











# About Össur

Pioneers of advanced technology, our mission is to improve people's mobility. For years we have nurtured an innovative mind-set, continuously pushing the boundaries to create the best products and services in the fields of Prosthetic, Osteoarthritis and Injury Solutions.

True advocates of 'Life Without Limitations', we work with individuals, clinicians and diverse communities to support a better quality of life for millions of people around the world.

# Össur ANZ

Össur ANZ offers specialised technical and clinical training programs, as well as direct customer service and clinical and technical support for customers across Australia and New Zealand.

OA and Injury Solutions are managed out of our office in Melbourne, Victoria, while our prosthetic office is located in Sydney, New South Wales.

# **Bracing Solutions**

These product solutions have been built on decades of experience. They are designed to enhance the quality of life for people living with osteoarthritis by reducing pain and improving mobility, and to enhance the healing process of bone and soft tissue injuries.

Össur Bracing Solutions are globally recognised, primarily under the brand names CTi®, Rebound® and Miami®, all of which have been developed to assist healing and improve people's quality of life. Our expertise in this field has driven us a step further, developing indication-specific products that are designed to optimise healing while maintaining function and mobility. These Functional Healing products incorporate Össur's proprietary technology and are designed to enhance clinically relevant outcomes.

The Unloader® brand name has become synonymous with osteoarthritis bracing and its technology recognised as the industry standard. Its efficacy is demonstrated by more than 15 clinical studies. Össur strives to maintain its position as the innovation leader for OA Solutions by continuing to develop simple, yet effective and clinically proven treatment solutions that improve people's quality of life.

Through innovation, leadership, proven biomechanical approaches, and partnerships with leading medical professionals, Össur strives to offer comprehensive and effective treatment options for a range of injuries.

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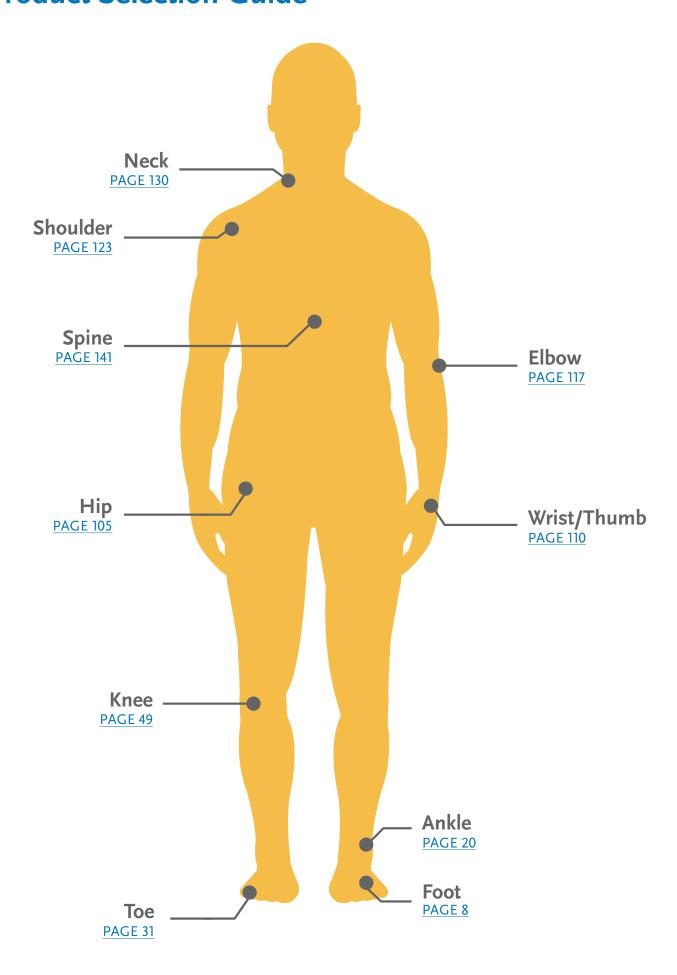
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This product catalogue is intended for Healthcare Professional use.

# **Product Selection Guide**





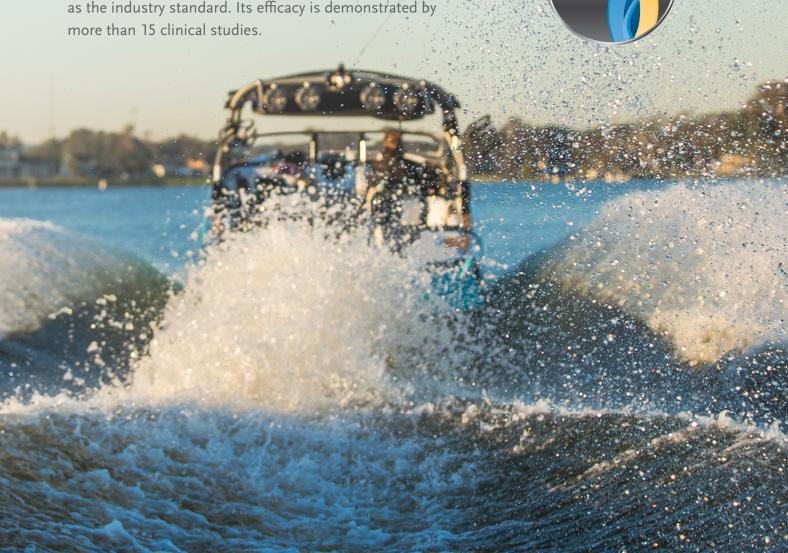
# Welcome to Össur Bracing Solutions

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# **Walkers**



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**DH Offloading Walker**™ Page 15



Paediatric Walker Page 15

For information on foot/ankle anatomy and pathologies, please visit <a href="https://bit.ly/foot\_anatomy">https://bit.ly/foot\_anatomy</a>

# Össur CAM Walker Prescription Guide

CAM (Controlled Ankle Motion) walkers are typically fitted to restrict foot and ankle motion to allow recovery from conditions such as fractures and soft tissue injuries, aid wound healing or following foot and ankle surgery.

## Why choose Össur Walkers?

Össur walkers are specifically designed for improved comfort and the best outcome for your patient- more breathable liners, soft shock absorbing soles with cushioned foot plates and forefoot offloading rockers are all part of our standard features. Össur products are all supported with warranties and Briggate's excellent clinical support.

	Model Name	Features	Typical Conditions
	Formfit Walker- Standard	Standard model. Rocker bottom	Fitted for most foot/ankle injuries e.g. stress fractures, chronic ankle sprains, post surgical immobilisation.
	Formfit Walker- Low Top	Short Version. Rocker bottom.	Fitted for forefoot injuries e.g. metatarsal stress fracture, toe fracture.
	Formfit Air Walker - Standard	Standard walker with inflatable liner. Rocker bottom.	Assists to reduce oedema (swelling), more comfortable and supportive-reduces medial/lateral movement. Inflatable liner provides improved compression and padding.
	Formfit Air Walker - Low Top	Short walker with inflatable liner. Rocker bottom.	Most suitable for forefoot injuries e.g. metatarsal stress fracture, toe fracture. Inflatable liner provides ankle compression and support for comfort.
ATTITUDE STATE OF THE PARTY OF	Rebound Air Walker	Premium offering with soft shock absorbing sole with improved grip, shell design reduces pressure from straps, inflatable liner and rocker bottom. Closed toe design.	Foot & ankle injuries and achilles ruptures (when used with Össur's Achilles wedge kit). The Rebound walker is the premium offering from Össur for patients wanting the most comfortable and functional CAM walker. Highly recommended when patients will be wearing the boot for a longer time or have skin integrity issues.
	DH Active Offloading walker	Offloading insole with removable plugs Double ankle liner to reduce shear force	Conditions requiring "offloading" of the foot. Removal of insole plugs allows reduced pressures in that area. Can be used as an alternative to a total contact cast.  E.g. foot ulcers.

# Rebound® Air Walker

The Rebound Air Walker features a host of details designed to provide added protection, superior compression, simplified application and usage, improved comfort and, ultimately, successful patient outcomes.

#### Indications for Use

- Foot and ankle conditions that may benefit from motion restriction, such as:
- Grade 2 and 3 ankle sprains
- Stable foot fractures
- Tendon or ligamentous sprain
- For high top only: If used with the Achilles Wedge Kit, Achilles ruptures can be treated as well



- Linked medial and lateral air bladders with a single inflation point provide balanced compression and are shaped to cradle the Achilles, holding the heel in place.
- Rocker bottom promotes a natural, stable gait, while a trimmable, semi-soft toe bumper provides added protection.
- · Moisture-wicking softgood helps keep skin dry and comfortable.
- Straps fasten in front for easy application, adjustment and removal.
- EVA material provides shock absorption in the heel.
- Fully-integrated air pump and release valve provide easy, tool-free inflation and deflation for fine-tuned, consistent compression.
- Flex Edge® overmolding conforms to each patient's unique anatomy to help limit the formation of pressure points.
- Ventilated panels wick moisture to prevent microbial buildup and improve patient comfort.

## **Ordering Information**

Standard	Standard Replacement Liner	Low Top	Low Top Replacement Liner	Size	Mens Shoe	Womens Shoe
B-242900001	B-418000101	B-242900061	B-418000161	XSmall	2 - 4	3.5 - 5.5
B-242900002	B-418000102	B-242900062	B-418000162	Small	4 - 7	5.5 - 8.5
B-242900003	B-418000103	B-242900063	B-418000163	Medium	7 - 10.5	8.5 - 12
B-242900004	B-418000104	B-242900064	B-418000164	Large	10.5 - 12.5	12 - 14
B-242900005	B-418000105	B-242900065	B-418000165	XLarge	12.5 - 15	14 - 16.5



#### Pump It Up

With fully-integrated air pump and release valve, the Rebound Air Walker provides easy, tool-free inflation and deflation for fine-tuned, consistent compression.



#### A Kind Sole

The Rebound Air Walker's rocker bottom is specially engineered to help promote a natural, stable gait, while its trimmable, semi-soft toe bumper provides additional protection against re-injury.



#### No Pressure

Flex Edge® overmoulding adapts and conforms to each patient's unique anatomy to help limit the formation of pressure points.



#### Fresh Air

Ventilated panels make the Rebound Air Walker more breathable, improving patient comfort and compliance by wicking moisture to help prevent microbial buildup.



# Formfit® Air Walker

The Formfit Air Walker provides immobilisation for patients suffering from soft tissue injury, grades 2 & 3 strains and sprains, and stable fractures. The patented pneumatic system is designed to increase stability while decreasing pain and swelling. The intuitive pump and clearly marked decompression valve make air/pressure adjustments easy.

#### Indications for Use

- Foot and ankle conditions that may benefit from motion restriction, such as:
- Grade 2 and 3 ankle sprains (only applicable to Standard version)
- Soft tissue injuries
- Stable fractures
- During postoperative or rehab phase

#### **Features and Benefits**

- High and Low Top versions available
- Integrated pneumatic system
- Low, wide rocker bottom promotes a stable, natural gate
- Shock absorbing sole for reduced impact at heel strike
- Breathable, seamless liner



## **Ordering Information - Standard Version**

Part #	Size	Mens Shoe	Womens Shoe	Replacement Liner
A- W0200BLK	XSmall	2 - 4	3.5 - 5.5	12349
A- W0400BLK	Small	4.5 - 7	6 - 8	10675
A- W0600BLK	Medium	7.5 - 10.5	8.5 - 11.5	10678
A- W0800BLK	Large	10.5 - 12.5	11.5 - 13.5	10681
A- W1000BLK	XLarge	12 +	13.5 +	12347

# **Ordering Information - Low Top Version**

Part #	Size	Mens Shoe	Womens Shoe	Replacement Liner
A- W0300BLK	XSmall	2 - 4	3.5 - 5.5	12356
A- W0500BLK	Small	4.5 - 7	6 - 8	12357
A- W0700BLK	Medium	7.5 - 10.5	8.5 - 11.5	12358
A- W0900BLK	Large	10.5 - 12.5	11.5 - 13.5	12359
A- W1100BLK	XLarge	12 +	13.5 +	12360

# Formfit® Walker

#### **Indications for Use**

For foot and ankle conditions that may benefit from motion restriction, such as:

- Grade 2 and 3 ankle sprains
- Stable fractures
- Soft tissue injuries
- During postoperative or rehab phase

#### **Features & Benefits**

- High and low top versions available
- Low, wide rocker bottom promotes a stable, natural gait
- Shock absorbing sole for reduced impact at heel strike
- Breathable, seamless liner



#### **Fitting Tip**

Remove liner from brace prior to fitting. Fit liner to limb first then align walker upright to midline of limb and remove tabs to adhere velcro on upright to liner.

## **Ordering Information - Standard Version**

Part #	Size	Mens Shoe	Womens Shoe	Replacement Liner
W0200BLK	XSmall	2 - 4	3.5 - 5.5	WKSG200BLK
W0400BLK	Small	4.5 - 7	6 - 8	WKSG400BLK
W0600BLK	Medium	7.5 - 10.5	8.5 - 11.5	WKSG600BLK
W0800BLK	Large	10.5 - 12.5	11.5 - 13.5	WKSG800BLK
W1000BLK	XLarge	12 +	13.5 +	WKSG1000BLK

## **Ordering Information - Low-Top Version**

Part #	Size	Mens Shoe	Womens Shoe	Replacement Liner
W0300BLK	XSmall	2 - 4	3.5 - 5.5	WKSG0300BLK
W0500BLK	Small	4.5 - 7	6 - 8	WKSG500BLK
W0700BLK	Medium	7.5 - 10.5	8.5 - 11.5	WKSG700BLK
W0900BLK	Large	10.5 - 12.5	11.5 - 13.5	WKSG900BLK
W1100BLK	XLarge	12 +	13.5 +	WKSG1100BLK

#### **Clinical Tips**

- 1. When a plantar flexed angle is required (e.g. Achilles tendon injury) but your patient still needs to weight-bear, add an internal heel wedge to the walker (see Heel Wedge on page 17). This positions the ankle in the desired angle whilst maintaining a vertical tibia and avoids stress on the knee joint.
- 2. Applying a walker can create a leg length discrepancy. The Evenup Shoelift keeps you balanced see page 17.



# Rebound® Diabetic Walker

Offloading has proven to be a key factor in foot ulcer treatment and entails reducing pressure on the plantar area in general and the ulcer site in particular. Rebound Diabetic Walker is uniquely designed to effectively treat plantar foot ulcers, by providing easy access and re-fitting during wound care, while improving the patient's mobility during the healing process.

Rebound Diabetic Walker has major advantages over diabetic shoes and shoe inserts with respect to healing effectiveness. It is also superior to total contact casting with regard to ease-of-use, speed of application and cost.

#### **Indications for Use**

Plantar foot ulcers and wound prevention

#### **Features & Benefits**

- Effective tri-laminate insole with removable shockabsorbing hexagons that promote ulcer offloading and a Plastazote, heat-mouldable top layer that evenly distributes the pressure.
- Unique pressure relief valve for preventing overinflation, while balancing compression with customised fit.
- Positioning Portals allow the clinician to check the fit of the walker at the heel bottom, in order to ensure appropriate positioning of the foot in the walker.
- Anatomically designed shell that immobilises the foot and ankle at 90 degrees while providing protection.
- Flex Edge® technology for relief of pressure points.
- Rocker Bottom outsole for a smooth roll over while allowing for individual natural toe out.
- Soft and breathable, low friction, machine washable liner for hygiene promotion.
- Tamper evident strapping for compliance monitoring.

## **Ordering Information**

Part #	Size	Mens Shoe	Womens Shoe
B-242500002	Small	4.5-7	6-8.5
B-242500003	Medium	7.5–10.5	9–12
B-242500004	Large	11–12.5	12.5–14
B-242500005	XLarge	13–15	14.5–16.5

## Replacement Softgoods

Size	Liners	Insoles
Small	B-418500102	B-418500202
Medium	B-418500103	B-418500203
Large	B-418500104	B-418500204
XLarge	B-418500105	B-418500205



#### **Product Highlights**



1. Tri-laminate insole with removable, shockabsorbing hexagons that promote ulcer offloading and a Plastazote, heatmoldable top layer that evenly distributes pressure



3. Flex Edge® technology for relief of pressure points



2. Positioning Portals allow the clinician to check the fit of the walker at the heel bottom, in order to ensure appropriate positioning of the foot in the walker



4. Tamper evident strapping for compliance monitoring

# **ROM Walker**

#### **Indications for Use**

Foot and ankle conditions that may benefit from motion restriction or controlled range of motion, such as:

- Grade 2 and 3 ankle sprains
- Stable fractures
- Achilles ruptures
- During postoperative or rehab phase

#### Features & Benefits

- Lightweight and low profile aluminum side struts.
- Rocker bottom that provides natural and stable gait.
- Shock absorbing sole
- Simple to apply and adjust by circumferential straps.
- Dial lock hinges with adjustable ROM limitation.
- ROM control from 0-45° of dorsi/plantar flexion (7.5° interval).



#### **Ordering Information**

Part #	Size	Men's Shoe	Women's Shoe
RY-WK002-XS	XSmall	up to 4	up to 5.5
RY-WK002-SM	Small	4.5-7	6 - 8
RY-WK002-MD	Medium	7.5 - 10.5	8.5 - 11.5
RY-WK002-LG	Large	10.5 - 12.5	11.5 - 13.5
RY-WK002-XL	XLarge	12.5+	13.5+

Specific replacement liners are not available. Formfit Walker liners may be suitable, see page 12 for ordering details.



#### WE PROVIDE EDUCATION SESSIONS FOR PRACTITIONERS

Want to learn more about bracing patients and their injuries? From specific areas of interest to a full overview of options, we will tailor an educational in-service in your clinic at a time that suits you. Call to book in with one of our Clinical Product Specialists.



# **DH Offloading Walker**<sup>™</sup>

#### **Indications for Use**

Treatment of plantar ulcers

#### **Features & Benefits**

- Wide low profile rocker bottom provides a smooth roll-through and increased stability for altered gaits
- Designed around Össur's unique Active Offloading Insole
- · Enables easy access and re-fitting during wound care
- Easy to apply and modify
- Accommodates left and right foot
- Integrated pre-inflated pneumatic system
- · Shock absorption at the heel



## **Replacement Liners**

Part #	Size	Description
10958	XSmall/Small	DH Walker Liner
10959	Medium	DH Walker Liner
10960	Large/XLarge	DH Walker Liner

## **Ordering Information**

Part #	Size	Mens Shoe	Womens Shoe
DH0200BLK	XSmall	2 - 4	3.5 - 5.5
DH0400BLK	Small	4.5 - 7	6 - 8
DH0600BLK	Medium	7.5 - 10.5	8.5 - 11.5
DH0800BLK	Large	10.5 - 12.5	11.5 - 13.5
DH1000BLK	XLarge	12.5 +	13.5 +

# **Paediatric Walker**

#### **Indications for Use**

Foot and ankle conditions that may benefit from motion restriction, such as:

- Grade 2 and 3 ankle sprains
- Stable fractures
- During postoperative or rehab phase

#### Features & Benefits

- High quality rigid outer skeleton for protection
- Dense foam lining within the sole to provide comfort and support
- Shock absorbing sole to improve comfort, providing additional security with each step
- Uprights give additional stability by restricting motion of the leg
- Lightweight design helps in keeping kids active



## **Replacement Softgoods**

Part #	Size	Description
PEW0001	Small	Paediatric Regular Liner
PEW0002	Medium	Paediatric Regular Liner
PEW0003	Large	Paediatric Regular Liner

## **Ordering Information**

<b>3</b>			
Part #	Size	Patient's Foot Length	Shoe Size
PEW0400	Small	15cm	Child 6.5 - 9.5
PEW0600	Medium	15 - 19cm	Child 10 - Youth 1
PEW0800	Large	19 - 22cm	Youth 1.5 - 2.5

# **Walker Accessories**



Darco Body Armour Toe Guard PAGE 17



Walker Heel Wedge PAGE 17



Evenup Shoelift
PAGE 17



Hygiene Cover PAGE 18



**Durable Weather Cover**PAGE 18



Diabetic Sock PAGE 18



Compliance Straps
PAGE 18



Insole PAGE 18



Tibia & Calf Plate
PAGE 18



Walker Liner Extension
PAGE 18

# **Walker Accessories**



#### Darco Body Armour Toe Guard

The Body Armour Toe Guard provides protection for the toes when accidental contact could cause pain or be detrimental to the healing process. The guard can be adhered inside a CAM walker or post-op shoe. It works

particularly well when K-wires are present and post op protection is required.

#### **Features & Benefits**

- Hard ABS construction durable and withstands accidental contact to the toe region.
- Strong adhesive backing ensures secure, lasting fit.
- Mouldable side wings can be conformed to fit any foot size.
- Fits most walkers and post-op shoes.

Part #	Size
BATGQ1	Women's Small - Large
BATGQ2	Men's Small - Large



#### **Evenup Shoelift**

Used in conjunction with an Össur Walker (page14), the Evenup helps prevent back, hip and knee injuries by leveling a patient's gait. It is the only removable, reusable and adjustable shoelift on the market.

Your patient will feel better while walking in a fracture boot, wound healing boot or cast when you apply an Evenup to the opposite shoe. It fits the right or left shoe. It can adjust from 1cm to 2cm lift. The Evenup can also be used as a temporary shoe raise of 1.3cm – 2.6cm, helpful in gait diagnosis.

Part #	Shoe Length*	Men's	Women's
10350	254mm - 286mm	6 - 8.5	6 - 8.5
10351	292mm - 324mm	8.5 - 10.5	9 - 11.5
10352	330mm - 368mm	11 - 13.5	12 - 14

\* It is generally best to choose an Evenup™ a little too small rather than a little too big.





#### Rebound Achilles Wedge Kit

The Rebound Achilles Wedge Kit is intended for use in treating full or partial ruptures of the Achilles tendon. The Achilles Wedge Kit can be used either pre or postoperatively and for conditions requiring a plantarflexed angle

inside a walker/shoe.

#### Features & Benefits

- Provides adjustable angles of plantar flexion that can be easily modified through the rehabilitation process
- Made of soft foam (common shoe insole Polyethylene) to resist compression while providing cushioning
- Lightweight (less than 100 grams) making it easy to wear and comfortable for the patient.
- Arch support improves comfort and prevents the foot from sliding forward in the walker.
- Easy to fit as the wedges come pre-assembled and fit into the walker without any modifications needed
- Easy to use as the wedges stick together well during use but can easily be separated

Part #	Kit Size *
AWK00015	Universal





# **Walker Accessories**



Hygiene Cover (2 Pcs)

Fits over sole of walker for indoor use. Suits most styles of walkers.

Part #	Size*
B-418500602	Small
B-418500603	Medium
B-418500604	Large
B-418500605	XLarge



#### **Durable Weather Cover**

Splash proof walker outer cover. Suits most styles of walkers.

Part #	Size*
B-418500502	Small
B-418500503	Medium
B-418500504	Large
B-418500505	XLarge



#### Diabetic Sock (2 Pcs)

Seamless under sock reduces skin stress and improves hygiene.

Part #	Size
B-418500703	Small, Medium
B-418500704	Large, X-Large



#### Compliance Straps

Non-removable clasp strap to monitor patient compliance.

Part #	Size
B-418500300	Universal



#### Insole

Replacement inside for Rebound Diabetic Walker.

Part #	Size*
B-418500202	Small
B-418500203	Medium
B-418500204	Large
B-418500205	XLarge



#### Walker Liner Extension

Insert to extend circumference of walker liner. Available in black only.

Part #	Size
WKSG-1BLK	Universal

\* Match to walker size



# **Ankle Injury Solutions**



Formfit® Ankle Brace with Speedlace PAGE 21



Formfit® Ankle Brace Figure-8 Straps PAGE 22



Formfit® Pro Ankle
PAGE 23



Formfit® Ankle Stirrups
PAGE 24



Rebound® Ankle Brace
PAGE 25

We stock an extensive range of ankle braces and night splints. Each model offers a unique option to fulfill your patient's needs. Our customer service team is ready to assist with product advice and arrange rapid delivery of your orders.

Phone 1300 123 268.

# Formfit® Ankle Brace With Speedlace

The Formfit Ankle Brace with Speedlace provides stability and protection for the ankle - whether used prophylactically, for chronic instability or following an injury. Made from durable materials, its low profile, quick-lace design is comfortable and fits easily into shoes. Removable semi-rigid stays provide additional support and the Figure 8 straps are designed for inversion/eversion control.

#### **Indications**

For conditions that may benefit from added support to the ankle,

- Ankle injury rehabilitation/immobilisation (Grade I/II sprains)
- Support chronic instability
- Prophylactic use

#### **Features & Benefits**

- Durable materials
- Quick-Pull closure straps

# Figure 8 straps Removable stays Circumferential cuff

## **Ordering Information**

Part #	Size	Ankle Circ.*
W-10621	XX-Small	23 - 25.5cm
W-10622	X-Small	25.5 - 28cm
W-10623	Small	28 - 30.5cm
W-10625	Medium	30.5 - 33cm
W-10627	Large	33 - 35.5cm
W-10628	X-Large	35.5 - 38cm
W-10629	XX-Large	38 - 40.5cm

<sup>\*</sup> Measure ankle circumference diagonally over the base of the heel and across the ankle bone as shown.





# Formfit® Figure-8 Ankle Brace

Formfit's advanced design provides the compression and comfort of a soft ankle brace with excellent support.

#### **Indications**

For conditions that may benefit from added support to the ankle, such as;

- Ankle injury rehabilitation/immobilisation (Grade I/II sprains)
- · Support chronic instability
- Prophylactic use

#### Features & Benefits

- · Improved spacer material on the inside allows airflow
- Improved stitching under heel
- New pull-tabs on tongue and heel
- Figure 8 straps replicate taping for enhanced stability but can be easily adjusted
- Low profile design fits most footwear



## **Ordering Information**

Part #	Size	Ankle Circ.*
B-212000001	XSmall	27.9 - 30.4cm
B-212000002	Small	30.4 - 33cm
B-212000003	Medium	33 - 35.5cm
B-212000004	Large	35.5 - 38.1cm
B-212000005	XLarge	38.1 - 40.6cm

<sup>\*</sup> Measure ankle circumference diagonally over the base of the heel and across the ankle bone as shown.



#### Other Features & Benefits



Speed laced design provides the option of a quick lace up



Aerospace base material for comfort and breathability



Embedded stirrup structure provides additional inversion/ eversion support

#### **Clinical Tips**

Unlike taping which loses support over time, the Figure 8 ankle brace offers the ability to easily retension side straps and maintain optimal support. An initial wear in period is recommended prior to activity to shape the brace to the ankle.

# Formfit® Pro Ankle

Össur Formfit Pro Ankle is a compressive ankle sleeve with 2 integrated malleoli pads, designed to worn after mild ankle injuries. The dynamic 3-D MotionTech™ knit is supportive and meets certified medical grade compression requirements. Proven superior to leading brands for moisture wicking and breathability, your ankle stays cool during wear. CoolVent<sup>™</sup> technology in the area in front of the ankle further enhances breathability and comfort.













#### **Indications**

For Ankle conditions that may benefit from compression, such as:

- Ankle injury rehabilitation
- Mild sprains and strains
- Mild instability

#### **Features & Benefits**

- MotionTech™ for compression and dynamic fit with superior moisture wicking and breathability, keeping your ankle cool during wear
- Certified medical grade compression (20-30 mmHg)
- CoolVent<sup>™</sup> technology in the area in front of the ankle for added breathability and comfort
- 2 integrated malleoli SmartPads™ for targeted support and cushioning.
- Patented FoldLock™ system for easier and more secure application.

## **Ordering Information**

Right Part #	Left Part #	Size	Ankle Circ.*
FP200101	FP200201	X-Small	18 - 20 cm
FP200102	FP200202	Small	20 - 23 cm
FP200103	FP200203	Medium	23 - 26 cm
FP200104	FP200204	Large	26 - 29 cm
FP200105	FP200205	X-Large	29 - 32 cm

<sup>\*</sup> Ankle circumference above the malleoli



# Formfit® Ankle Stirrups

Formfit Ankle Stirrups are lightweight and sturdy. Whether worn to accommodate an acute injury, chronic instability, or post cast healing, Formfit Ankle Stirrups stabilize injured ankles by restricting the inversion/eversion motion. The universal design has been carefully engineered to accommodate the malleoli on both sides and ensures a great, comfortable fit. The slip resistant heel strap can be adjusted to accommodate most ankles. Our signature Flex-Edge™ overmold surrounds the stirrup's outer shell protecting patient's skin from any hard edges, further adding to a comfortable fit.

#### **Indications**

Situations requiring inversion/eversion restriction. These may include:

- Mild to severe ankle sprains
- Chronic ankle instability
- Post-cast and post walker support
- · Ankle injury rehabilitation and/or post-surgical use

#### **Features & Benefits**

- Universal shell, carefully crafted to fit both right and left ankles
- · Soft Flex-Edge overmold for increased comfort
- Adjustable heel strap to optimise patient fit and comfort
- Silicone dots are designed to reduce slipping and stabilise the foot inside of shoe
- 2 bidirectional hook and loop straps ensure a secure and stable fit
- Choice of inflatable, foam, and gel liners to suit your needs
- Available in Adult and Youth sizes

## **Ordering Information**

Size	Patient's Height	Formfit Air Ankle Stirrup	Formfit Gel Ankle Stirrup	Formfit Foam Ankle Stirrup
Adult	Above 160 cm	70350	70351	70352
Youth	Below 160 cm	71350	71351	71352



Formfit Foam Ankle Stirrup



Formfit Gel Ankle Stirrup



Formfit Air Ankle Stirrup

# Rebound® Ankle Brace

#### **Indications**

Conditions that may benefit from ankle stabilization such as;

- Grade 1, 2, 3 and high ankle sprains
- Transition out of a walker and/or cast after fracture or surgery
- · Chronic ankle instability
- Prophylactic use
- Posterior tibialis dysfunction

#### **Features & Benefits**

- Adjustable calf band accommodates a broad range of leg circumferences and creates a more custom fit
- Open front, crossover strap design allows simple and secure application
- Offers numerous strapping configurations for a range of stability levels
- Strapping can be stepped down or removed as the patient progresses through rehabilitation



## **Ordering Information - Standard Version**

Left	Right	Size	Male Shoe Size	Female Shoe Size
B-231602512	B-231502512	Small	6 - 7.5	7.5 - 9
B-231602513	B-231502513	Medium	8 - 12	9.5 - 13.5
B-231602514	B-231502514	Large	12.5 - 16	14 - 16



# **Night Splints**



Exoform® Dorsal Night Splint PAGE 28



Formfit® Night Splint PAGE 29



Airform® Night Splint PAGE 29

# **Exoform® Dorsal Night Splint**

#### **Indications**

Conditions that may benefit from resting with the ankle in a neutral position, such as:

- Plantar Fasciitis
- General Heel Pain
- Achilles Tendonitis
- Post-Static Dyskinesia
- Drop Foot
- Lower extremity overuse injuries

#### Features & Benefits

- Semi-rigid plantar pad reduces discomfort along the sides of the foot while providing an improved angle of dorsiflexion
- Circumferential heel and posterior strapping prevents migration while increasing overall comfort and effectiveness



## **Ordering Information**

Paart #	Size	Male Shoe	Female Shoe
W-50085	Medium	5 - 9	6 - 10
W-50087	Large	9.5 - 14	10.5 - 15

## **Product Highlights**



1. Integrated support shell with adjustable aluminum stay maintains the therapeutic angle of the foot and lower leg at 85° to 90°



2. Flex Edge<sup>™</sup> overmolding eliminates pressure points and discomfort while protecting sleeping partners



3. Full calf and heel strapping holds the foot in the desired angle and eliminates rotation and migration of the product



4. Thermoformed Formfit® padding on the inside of the soft good improves patient comfort

# Formfit® Night Splint

#### **Indications**

Conditions that may benefit from resting with the ankle in a neutral position, such as:

- Plantar fasciitis
- Achilles tendinopathy

#### Features & Benefits

- Adjustable flexion straps provide a gentle stretching of the plantar fascia and achilles tendon. Adjusts from -10° to full dorsiflexion
- Patented 3-dimensional molding creates superior comfort and fit with padding where you need it
- Soft, lycra-lined foam interior is plush, washable and breathable to eliminate heat build-up
- Lycra-lined, foam-padded straps maintain comfort across the flexor tendons
- · User-friendly, center-release buckles simplify application
- Lightweight, low-profile shell is sturdy and breathable



#### **Ordering Information**

With Slip Resistant Tread

Part #	Size	Male Shoe	Female Shoe
50023	Small	up to 7	up to 7.5
50025	Medium	7.5 - 10	8 - 10.5
50027	Large	10.5+	11+

#### **Accessories**

Part #	Accessory	Size
11760	Replacement Liners, Washable	Small
11761	Replacement Liners, Washable	Medium
11762	Replacement Liners, Washable	Large
10700	Wedge Foam Assembly	-

# **Airform® Night Splint**

#### **Indications**

Conditions that may benefit from resting with the ankle in a neutral position, such as:

- Plantar Fasciitis
- General Heel Pain
- Achilles Tendonitis
- Post-Static Dyskinesia
- Drop Foot
- Lower extremity overuse injuries

#### Features & Benefits

- Its lightweight, low profile design makes it more comfortable. Better comfort means better compliance
- Slips on and adjusts easily
- Fits left or right foot, comes in 2 sizes



## **Ordering Information**

Part #	Leg	Mens Shoe	Womens Shoe
50045	Medium	5 - 9	6 - 10
50047	Large	9.5 - 14	10.5 - 15



# **Ankle-Foot & Toe Orthoses**



Rebound Foot-Up® PAGE 32



Foot-Up® PAGE 33



AFO Leaf Spring
PAGE 34



AFO Dynamic PAGE 35



AFO Light PAGE 36



Rehabilitation and Pressure Relief AFOs PAGE 37



Darco Toe Alignment Splint PAGE 38

We offer a comprehensive range of AFO options. From simple soft fabric devices like the Rebound® Foot-Up in shoe support, to carbon AFO's to enhance gait and energy return, we have an option for your patient. Not sure which AFO to prescribe? We can send you multiple styles to trial. Simply return the ones that you don't use

# Rebound Foot-Up®

Rebound Foot-Up is a lightweight ankle foot orthosis that offers dynamic and discreet support for drop foot or related disorders that require dorsiflexion support. Contoured to the shape of the leg, it is comfortable to wear, and easy to use. Rebound Foot-Up provides visible improvement in gait by supporting the foot the moment it is raised.

#### **Indications**

- Drop foot
- Disorders that require dorsiflexion support

#### **Features & Benefits**

- Allows for voluntary plantar flexion
- Adjustable medial/lateral control
- Adjustable cuff strap length
- Smart clamp facilitates one-handed donning/doffing
- Optional Foot Wrap allows usage without shoes, in open shoes or with sandals



## **Ordering Information**

#### Ankle Cuff

Part #	Description	Ankle Circumference*
RFU50001	Rebound Foot-Up Ankle Cuff S/M	18-25cm
RFU50002	Rebound Foot-Up Ankle Cuff L/XL	26-33cm

<sup>\*</sup> Circumference of ankle, measured around the malleoli

#### Foot Wrap

Part #	Description	Mid Foot Circumference*
RFU50101	Rebound Foot-Up Foot Wrap	20-28cm

<sup>\*</sup>Measure mid foot circumference

## **Ordering Information - Accessories**

Part #	Description
RFU50201	Rebound Foot-Up Attachment Kit (includes plastic inlay, elastic strap, and 1 x nut and screw)
	Rebound Foot-Up replacement Nuts And Bolts (5 nuts included: 2 short and 3 long screws)

# Foot-Up®

Foot-Up is a lightweight AFO that offers dynamic support for drop foot or similar complaints. The orthosis provides visible improvement in gait by supporting the foot the moment it is raised.

#### **Indications**

Drop foot

#### **Features & Benefits**

- Streamlined, lightweight and invisible when worn
- Easy to fit
- Available in black and beige
- Attached to the shoe, or available as shoeless model

## **Ordering Information**

Part # Black	Part # Beige	Size	Ankle Circ
07810-1	07811-1	Medium	180 - 210mm
07810-2	07811-2	Large	220 - 260mm
07810-3	07811-3	X-Large	270 - 330mm



# **Ordering Information - Accessories**

Part # Black	Part # Beige	Description	Size	Foot Circ*
27810-1	27811-1	Foot-Up Shoeless Wrap Small	Small	< 20cm
27810-2	27811-2	Foot-Up Shoeless Wrap Medium	Medium	20 - 24cm
27810-3	27811-3	Foot-Up Shoeless Wrap Large	Large	24 - 28cm
27810-4	27811-4	Foot-Up Shoeless Wrap Extra Large	Extra Large	> 28cm

<sup>\*</sup>Measure the circumference immetdiately behind the ball of the foot

# **AFO Leaf Spring**

AFO Leaf Spring is a pre-fabricated polypropylene ankle-foot orthosis designed to support flaccid drop foot. It provides a semi-rigid section for toe clearance and support, yet has a thin, flexible foot plate for easy trimming. The absence of a heel section makes the Leaf Spring more comfortable to wear and provides a better fit in shoes.

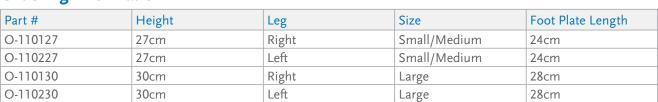
#### **Indications**

• Drop foot

#### **Features & Benefits**

- Injection-molded polypropylene is lightweight
- Variable thickness throughout the orthosis provides strength
- Full length foot plate provides good toe clearance and support
- Thin, flexible foot part is easy to trim with a pair of scissors
- Excellent fit for most types of shoes
- Absence of heel section for improved comfort







# **AFO Dynamic**

AFO Dynamic incorporates Ossur Flex-Foot® technology and the energy storing properties of carbon fibre. The result is a strong, lightweight solution for people with varying degrees of drop foot.

#### **Indications**

Drop foot

#### **Features & Benefits**

- Carbon fibre design provides excellent strength-to-weight ratio and dynamic motion
- The tapered carbon heel stores energy and manages forces at heel strike
- Full-length toe lever provides full support while foot is loaded
- Controlled plantar flexion at initial contact
- · Reduces energy consumption by reducing hip hike
- Medial strut makes it less visible in shoe
- Open anterior tibia shell provides superior anatomical fit, and reduces heat and perspiration



## **Ordering Information**

Part #	Side	Size	Mens Shoe	Womens Shoe	Foot Plate Length
O-102011	Right	X-Small	3 - 5	4 - 6.5	22cm
O-102021	Left	X-Small	3 - 5	4 - 6.5	22cm
O-102012	Right	Small	5.5 - 7.5	7 - 9	24cm
O-102022	Left	Small	5.5 - 7.5	7 - 9	24cm
O-102014	Right	Medium	8 - 10.5	9.5 - 12	26cm
O-102024	Left	Medium	8 - 10.5	9.5 - 12	26cm
O-102016	Right	Large	11 - 14	12+	28cm
O-102026	Left	Large	11 - 14	12+	28cm

#### Accessories

Part #	Replacement Softgoods	Size
O-102102	AFO Dynamic Accessory Kit	Small
O-102104	AFO Dynamic Accessory Kit	Medium
O-102106	AFO Dynamic Accessory Kit	Large



# **AFO Light**

AFO Light provides support only where it is needed, eliminating unneccessary bulk and providing a cosmetically-appealing look. Using the best of Flex-Foot® technology and the energy storing properties of carbon fiber, AFO Light offers a strong and lightweight solution for people with mild to moderate drop foot.

#### **Indications**

- Mild to moderate drop foot
- Contraindications:
- Severe ankle foot deformities
- Medial-lateral instability
- Severe spasticity
- Extreme activity
- Fluctuating edema

#### **Features & Benefits**

- Supports the foot for ground clearance during swing phase
- Carbon fiber design provides excellent strength-to-weight ratio and dynamic motion
- Stiffness gradient at heel and the toe correspond to ground reaction forces as they are applied to the foot
- · Easy to don and doff
- · Weight limit: 100kg



#### **Ordering Information**

Part #	Side	Size	Men's Shoe	Women's Shoe	Foot Plate Length	Calf Height
O-121012	Right	Small	up to 7.5	7 - 9	22cm	32 - 36 cm
O-121022	Left	Small	up to 7.5	7 - 9	22cm	32 - 36 cm
O-121014	Right	Medium	8 - 10.5	9.5 - 12	23.5cm	34 - 38 cm
O-121024	Left	Medium	8 - 10.5	9.5 - 12	23.5cm	34 - 38 cm
O-121016	Right	Large	11 - 14	12+	26cm	36 - 40 cm
O-121026	Left	Large	11 - 14	12+	26cm	36 - 40 cm
O-121018	Right	X-Large	12 - 15	12+	27.5cm	38 - 42 cm
O-121028	Left	X-Large	12 - 15	12+	27.5m	38 - 42 cm

<sup>\*</sup> AFO Light Accessory Kit includes foam padding, upper hook-and-loop strap, lower hook-and-loop strap, hook-and-loop dots.

#### **Accessories**

Part #	Replacement Softgoods	Size
O-122101	AFO Light Softgoods	Universal
O-125113	AFO Light Calf Band	Universal



## Rehabilitation & Pressure Relief AFOs

The PRAFO / RAPO is a rehabilitation orthosis with multiple uses. It provides pressure care and rotational control in bed, whilst controlling foot-drop and offering pressure care for the ambulatory client. The PRAFO / RAPO is perfect for the patient who needs foot / ankle stability in bed and whilst walking. The ergonomically designed foot plate allows its liners to be replaced or cleaned easily without tools. The integral, securely-fastened walking base provides a shoe-type surface for ambulatory patients. Its calf and foot segments can be custom-modified to accommodate patient physiology.

#### **Indications**

- Resting and dynamic heel offloading e.g. heel ulcer management.
- Early intervention for the evolving rehab patient e.g. CVA,TBI,SCI and Diabetic neuropathy
- Facilitation of functional knee and ankle joint position
- Allows for optimal dorsi/plantar flexion ankle positioning to provide adequate clearance during swing phase and knee stability in stance phase.
- Post musculoskeletal injury of the foot and ankle
- Post TAL immobilisation
- Post Botox or serial casting
- Stable fractures of the foot and ankle
- Tendon or ligamentous tear/rupture

#### **Features & Benefits**

- Custom-contoured, malleable aluminum heel connector provides heel relief
- Clinically proven for effective ambulation
- Controls dorsi-plantar flexion
- Malleable aluminum anti-rotation bar
- Proven superior integrity of the superstructure

## **Ordering Information**

Part #	Description	Size	Foot Length
650SKG PRAFO	PRAFO Adult Kodel Gun-Metal	Adult Universal	17.5 - 30.5cm
L60SKG	PRAFO Adult Kodel Gun-Metal Replacement Liner	Adult Universal	-
650RTBS RAPO	PRAFO Adult Terry Black	Adult Universal	17.5 - 30.5cm
L60RTBS	PRAFO Adult Terry Black Replacement Liner	Adult Universal	-



#### **Clinical Tips**

This range also features articulated ankle options that provide adjustable DF/PF and Inv/Ev angles. Large size (Bariatric) and small size (Paediatric) models are also available. Phone us to discuss which model will provide the best option for your patient.



## **DARCO** Toe Alignment Splint

The DARCO TAS™-Toe Alignment Splint is a cost-effective solution that provides superior post operative toe alignment after Hallux Valgus, Hammer Toe and Tailor's Bunion procedures.

#### **Features & Benefits**

- Low profile metatarsal band fits easily into most footwear and reduces slippage.
- Soft toe straps will not irritate skin.
- Special T-Strap gently guides toe(s) into proper alignment for post-procedural healing.
- One sizes fits all.
- Latex Free

Part #	Size
TAS	Universal





# **Post-Operative Shoe Options**



DARCO Medsurg<sup>™</sup> Shoe PAGE 41



DARCO APB<sup>™</sup> All Purpose Boot PAGE 42



DARCO OrthoWedge<sup>™</sup> Shoe
PAGE 43



DARCO HeelWedge™ Shoe

PAGE 44



Canvas Rocker Bottom
Cast Shoe
PAGE 45



Mesh Top Post-Op Shoe PAGE 45



Soft Top Post-Op Shoe PAGE 46



DH Offloading Post-Op Style Shoe PAGE 47

## **DARCO MedSurg**<sup>™</sup> Shoe

The DARCO MedSurg Shoe is designed to provide the foot with solid protection and accommodate bulky bandages with ease. It features a square-toe design to provide added protection for the toes. The sole has a metashank design that provides added support to the metatarsal region when walking. The DARCO MedSurg Shoe has a velcro closure across the front which can fit up to a 17 inch circumference from large bandages and dressing. It also eliminates any added pressure caused by more traditional D ring closures that can irritate the forefoot area.

Very aggressive tread at the midfoot provides superior traction. The reduced friction tread at the toe and heel to allow toe drag or heel scuff without tripping up the patient. The strap around the front of the ankle prevents the product from slipping off the heel. The DARCO MedSurg has a rocker bottom sole which may help reduce some pressure on the bottom surface of your foot.



#### **Indications**

- · After foot surgery or when K-wires are present
- When large bandages or dressing are required

#### **Features & Benefits**

- Square toe design acts as a bumper to provide additional protection when K-wires are present.
- MetaShank™ Protection provides more rigid control under the metatarsal heads.
- Strapless Closure eliminates buckle pressure on the forefoot and can expand to accommodate dressings up to 17 inches in circumference.
- Rocker sole may help reduce plantar pressure on the forefoot and heel.
- Compatible with DARCO Toe Guard

#### **Clinical Tips**

For female patients with bulky dressings, the male shoe can be used. It provides more width e.g. use male medium instead of female large.

Where toe protection is required, add the DARCO toe guard, see page 17.

### **Ordering Information - Mens**

Part #	Size	Shoe Size	Length	Width
MQM1B	Small	6 - 8	26cm	10cm
MQM2B	Medium	8.5 - 10	27.5cm	10.5cm
MQM3B	Large	10.5 - 12	29cm	11cm
MQM4B	X-Large	12.5 - 14	30.5cm	12cm

## **Ordering Information - Womens**

Part #	Size	Shoe Size	Length	Width
MQW1B	Small	4 - 6	23cm	9cm
MQW2B	Medium	6.5 - 8	24.5cm	10cm
MQW3B	Large	8.5 - 10	26cm	10cm

## **Ordering Information - Paediatric**

Part #	Size	Shoe Size
MQPB	Paediatric	Children 12 - 1

# **DARCO APB**<sup>™</sup> All Purpose Boot

The DARCO APB™ embodies nearly perfect four season postoperative protection with a closed-toe design that keeps dressings and toes warm and dry. The boot is designed to provide unparalleled versatility by accommodating both bulky dressings and most fiberglass casts.

### **Features & Benefits**

- Post surgical healing.
- Fits over casts and other bulky dressings.
- Foot/ankle trauma.
- · Wounds or ulcerations present under metatarsal heads and toes.



Part #	Size	Mens Shoe	Womens Shoe	Length	Width
APQ0B	X-Small	-	4.0 - 6.5	22cm	9cm
APQ1B	Small	6.0 - 8	7.0 - 8.0	24cm	9.5cm
APQ2B	Medium	8.5 - 10	8.5 - 10	26cm	10.5cm
APQ3B	Large	10.5 - 12	10.5 -13	28cm	11cm
APQ4B	X-Large	12.5 - 14	13+	30cm	12cm



## **DARCO OrthoWedge**<sup>™</sup> Shoe

The DARCO OrthoWedge™ is clinically proven to reduce weight bearing pressure on the forefoot that may help with faster healing after surgery, trauma or when forefoot wounds or ulcerations are present.

#### **Indications**

- · Post Surgical healing
- Forefoot trauma
- Wounds or ulcerations present under metatarsal heads and toes.
- Any situation that requires a pressure off-load of the forefoot.

### **Features & Benefits**

- 15° Wedge Sole effectively shifts body weight to the midfoot and heel. Reduces forefoot pressure by as much as 57%!
- Square Toe Design acts as a bumper to protect the toes when k-wires are present and provides better Left/Right fit.
- Ankle Strap seats foot firmly in shoe to reduce heel slippage and eliminate friction.
- Removable Forefoot Closure provides security while eliminating buckle pressure.
- Zoned Outsole has an aggressive tread under the mid-foot where traction is needed most.
- Removable Insole features twice the padding of standard insoles and can be modified as needed.
- Compatible with DARCO Toe Guard

Part #	Size	Mens Shoe	Womens Shoe	Length	Width
OQ0B	X-Small	-	4.0 - 6.5	22cm	9cm
OQ1B	Small	6.0 - 8	7.0 - 8.0	24cm	9.5cm
OQ2B	Medium	8.5 - 10	8.5 - 10	26cm	10.5cm
OQ3B	Large	10.5 - 12	10.5 - 13	28cm	11cm
OQ4B	X-Large	12.5 - 14	13+	30cm	12cm



## DARCO HeelWedge<sup>™</sup> Shoe

The DARCO HeelWedge™ is clinically proven to off-load pressure from the heel by shifting weight to the mid and forefoot to promote faster healing after surgery, trauma or when wounds or ulcerations are present on the heel.

#### **Indications**

- Rearfoot trauma.
- Wounds or ulcerations present on the heel area.
- Post Surgical healing for either soft tissue or bony structure of the heel.

#### **Features & Benefits**

- Reduces Heel pressure by over 26%!
- Square Toe Design acts as a bumper to protect the toes and provides better universal Left/Right fit.
- Ankle Strap seats foot firmly in shoe to reduce heel slippage and eliminate friction.
- Removable Forefoot Closure provides security while eliminating buckle pressure.
- Zoned Outsole has an aggressive tread under the mid-foot where traction is needed most.
- Removable Insole features twice the padding of standard insoles and can be modified as needed.

Part #	Size	Mens Shoe	Womens Shoe	Length	Width
HQ0B	XSmall	-	4.0 - 6.5	22cm	9cm
HQ1B	Small	6.0 - 8	7.0 - 8.0	24cm	9.5cm
HQ2B	Medium	8.5 - 10	8.5 - 10	26cm	10.5cm
HQ3B	Large	10.5 - 12	10.5 -13	28cm	11cm
HQ4B	XLarge	12.5 - 14	13+	30cm	12cm

## **Canvas Rocker Bottom Cast Shoe**

#### **Indications**

For use with a short leg cast

#### **Features & Benefits**

- Cushioned rocker bottom cast sandal
- Contact closure, open toe
- · Broad design can accommodate bulky casts

## **Ordering Information**

Part #	Size	Insole Length
308XS	XSmall	up to 17.8cm
308SM	Small	17.8 - 22.9cm
308MED	Medium	25.4 - 26.7cm
308LG	Large	27.9 - 30.5cm
308XLG	XLarge	30.5 - 34.9cm



## **Mesh Top Post-Op Shoe**

#### **Indications**

- Post-operative use or minor trauma wounds
- Geriatric or insensitive foot

#### **Features & Benefits**

- Breathable mesh upper with reinforced heel counter and padded heel collar, more stability overall to the rear of the foot while reducing slippage
- Semi-rigid sole provides superior protection and control after osteotomies
- Extended strap and dual side closure system accommodates extra bulky dressings
- Compatible with DARCO Toe Guard



### **Ordering Information - Mens**

Part #	Size	Shoe Size
17013	Small	4 - 6
17015	Medium	6.5 - 8.5
17017	Large	9 - 11
17018	XLarge	11.5 - 14

## **Ordering Information - Womens**

Part #	Size	Shoe Size
17003	Small	5 - 6
17005	Medium	7 - 8
17007	Large	9+

## **Soft Top Post-Op Shoe**

Allows the patient's foot to breathe and provides added comfort after soft tissue procedure.

#### **Indications**

- Post-surgery use
- Short term footwear option

#### Features & Benefits

- The cotton-poly blend upper allows the patient's foot to breathe and provides added comfort
- Designed specifically for recovery after soft tissue procedures, post trauma, or to relieve the geriatric foot
- The contact closure system provides even torsion and is designed for ease of use
- Compatible with DARCO Toe Guard



### **Ordering Information - Mens**

Part #	Size	Shoe Size
18013	Small	4 - 6
18015	Medium	6.5 - 8.5
18017	Large	9 - 11
18018	XLarge	11.5 - 14

## **Ordering Information - Womens**

Part #	Size	Shoe Size
18003	Small	5 - 6
18005	Medium	7 - 8
18007	Large	9+



## **DH Offloading Post-Op Style Shoe**

Designed for use in the treatment of plantar wounds, this shoe can be an excellent alternative to post-op style shoes with static pads (wool, felt, foam, etc.). It accommodates the ambulatory and compliant patient for short-term treatment (1 to 4 months).

#### **Indications**

- Plantar foot ulcers and wounds
- Post-operative use

#### **Features & Benefits**

- · Designed to accommodate either the left or the right foot
- Designed around Össur's patented Active Offloading Insole
- Designed to accommodate bulky dressings
- Super-soft nylon upper with reinforced heel counter provides extra comfort and stability
- Patented removable toe piece aids in wound accessibility for daily wound site inspection



### **Ordering Information**

Part #	Size	Mens Shoe	Womens Shoe
10340	Small	4-6	6.5 - 8.5
10341	Medium	6.5 - 8.5	9 - 11
10342	Large	9 - 11	11-13
10343	XLarge	11.5 - 14	13+

### **Accessories - Replacement Parts**

Size	Insoles
Small	12365
Medium	12366
Large	12367
XLarge	12368





# **Post-Operative Knee Injury Solutions**



Rebound® Post-Op Knee
PAGE 50



Formfit® Post-Op Knee
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Rebound® Knee Immobilizer PAGE 52



Exoform® Knee Immobilizer PAGE 52



KMO - Knee Management Orthosis PAGE 53

For information on knee anatomy and pathologies, please visit <a href="https://bit.ly/knee\_anatomy">https://bit.ly/knee\_anatomy</a>

## Rebound® Post-Op Knee

Össur's Rebound Post-Op Knee brace delivers controlled range of motion for the knee in an intuitive, quick-fitting design. Suitable for the average, tall and super small, the Rebound Post-Op Knee provides a secure, comfortable fit to users.

#### **Indications**

Indications requiring knee immobilisation and restrictions to knee range of motion. These indications may include:

- ACL, PCL, MCL, LCL repairs/injuries
- Meniscal repairs
- Tibial plateau fractures
- Patellar tendon repairs
- Osteochondral repairs
- Condylar fractures
- Sprains/strains of the knee
- HTOs (High Tibial Osteotomy)

#### **Features & Benefits**

- Available in universal, left or right contour and paediatric
- Telescoping frame from 47cm–69.5cm (Adult)
- OneTouch™ easy to adjust ROM hinge with lock-out capability
- Colour-coding and numbered frame for patient education
- Quick-fit, gripping buckles for easy application
- Tool-free design and multi-purpose Smart-Fit™ packaging





Watch the Rebound Post-Op Knee Fitting Video

## **Ordering Information - Adult**

Part #	Description
B-8381680	REBOUND PO KNEE COOL LFT
B-8381580	REBOUND PO KNEE COOL RGT
B-8381480	REBOUND PO KNEE COOL UNIV
B-8381490	REBOUND PO KNEE COOL UNIV XL
B-8382680	REBOUND PO KNEE FULL LFT
B-8382580	REBOUND PO KNEE FULL RGT
B-8382480	REBOUND PO KNEE FULL UNIV
B-8382490	REBOUND PO KNEE FULL UNIV XL

Universal, Contoured Left/Right accommodates thigh circumferences: 41cm–81cm

XL accommodates thigh circumferences: 41cm-96.5cm

#### **Accessories**

Part #	Accessories
B-8381082	KIT REB PO KNEE COOL STD LINER
B-8382082	KIT REB PO KNEE FULL STD LINER
B-8382092	KIT REB PO KNEE FULL XL LINER
B-8381092	KIT REB PO KNEE COOL XL LINER
B-8381072	KIT REB PO KNEE COOL PED LINER

## **Ordering Information - Paediatric**

Part #	Description
B-8381470	REBOUND PO KNEE COOL UNIV PAEDIATRIC

Note: Paediatric accommodates thigh circumferences 30.5cm – 63.5cm



## Formfit® Post-Op Knee

Formfit Post-Op Knee provides range of motion control and immobilisation following injury or surgery. Length adjustment is tool free and easy. The low profile ROM hinge can be adjusted with a simple pull, rotate and release motion. Wide range of flexion and extension settings allow you to choose the optimal range of motion.

#### **Indications**

- Post-op/post-injury ROM control or immobilisation
- Indicated for ligament and fracture-related surgeries and when controlled range of motion is necessary

#### **Features & Benefits**

- Breakaway struts for easy, tool free length adjustment
- OneTouch™ easy to adjust ROM hinge with lock-out capability from -10° to 30° (10° incremental)
- Extension control from -10° to 90° (10° incremental)
- Flexion control from 0° to 120° (10° incremental)
- Available in cool or foam models, 3 lengths, and two sizes (Regular and XL)







### **Ordering Information**

Part #	Foam	Size	Thigh Circumference	Length
FPOK403100i	Cool	Regular	Up to 69cm	57.5cm
FPOK403101i	Cool	Regular/Long	Up to 69cm	66cm
FPOK403102i	Cool	XLarge	69 - 89cm	57.5cm
FPOK403200i	Full	Regular	Up to 69cm	57.5cm

<sup>\*</sup> Measure thigh circumference 15cm above mid-patella

## Replacement Softgoods

Part #	Foam	Size
403175	Cool	Replacement Softgood, Regular
403176	Cool	Replacement Softgood, XLarge
403276	Cool	Replacement Softgood, Regular/Long
403275	Full	Replacement Softgood, Regular



## Rebound® Knee Immobilizer

#### **Indications**

- · Emergency immobilisation
- Pre and post-surgical knee immobilisation
- Traumatic knee injuries

#### Features & Benefits

- Adjustable medial/lateral stays and rigid posterior stays provide motion restriction of the knee
- Universal 3-piece design simplifies inventory needs
- MR\* Conditional: safely scan patients in an MR system while maintaining immobilisation



Part #	Description	Length
210012	Universal	30 cm
210014	Universal	35 cm
210016	Universal	40 cm
210018	Universal	45 cm
210020	Universal	50 cm
210022	Universal	55 cm
210024	Universal	60 cm



## **Exoform® Knee Immobilizer**

The Exoform Knee Immobilizer is Össur's unique Slide-to-Size™ approach that enables the care provider to fit a variety of patients. This allows you to reduce your inventory.

#### **Indications**

Situations requiring knee immobilisation, for example traumatic knee injuries, emergency immobilisation, pre-/post-op knee immobilisation

#### **Features & Benefits**

- Slide-to-size adjustment enables you to provide the right fit for the largest variety of patient lengths and widths
- · Perforated padded liner for breathability and comfort
- Cool foam version can be worn directly against the skin for greater comfort on warm days
- Full foam version provides warmth and compression
- Ideal for hydrotherapy
- Easy to fit patient quickly

## **Ordering Information**

Part#	Foam	Leg Circ.	Length
222100	Cool	up to 71cm	46 - 61cm
222000	Full	up to 71cm	46 - 61cm

<sup>\*</sup> Measure thigh circumference 15cm above mid-patella





Posterior view

# **KMO – Knee Management Orthosis**

The KMO can be locked in any angle to provide the knee with stability in numerous positions.

#### **Indications**

- Contracture management
- CVA, TBI, SCI, CP, and MS
- Emergent lower limb immobilisation
- Musculoskeletal injuries
- Post botox or serial cast management
- Post-operative immobilisation

#### **Features & Benefits**

- Single posterior joint design allows for quick fit
- Patient friendly terry cloth liner system
- Available in Adult Standard #950 and Pediatric Standard #850 models
- Static progressive positioning from 0° to 110° (additional ROM may be attained depending on size of patient's leg)
- Adjustable length from 33 43cm (Pediatric) and from 46 - 61cm (Adult)





### **Ordering Information**

Part #	Description	Height Adjustment	Calf Circ.	Thigh Circ.
950KMO	KMO Adult - Universal	46 - 61cm	28 - 53.5cm	38 - 73cm
850KMO	KMO Paediatric - Universal	33 - 43cm	20 - 38cm	30 - 51cm

#### **Clinical Tips**

The KMO is a great option as a 3 point knee orthosis to treat soft tissue tightness/flexion contractures. The knee straps provide a constant extension force to improve range and prevent further contracture. At initial fitting set the knee joint at your patient's maximum extension position and then progressively straighten it as range improves.



## **Knee Sleeves**



Formfit® Pro Knee PAGE 56



Formfit® Knee -ROM Hinge PAGE 57



Formfit® Hinged Knee Lateral J PAGE 58



Formfit® Tracker
PAGE 59



Formfit® Hinged Knee PAGE 60



Neoprene Wraparound Hinged Knee Support PAGE 60



Neoprene Knee Sleeve PAGE 61

## Formfit® Pro Knee

Össur Formfit Pro Knee is a compressive knee sleeve that features a SmartPad™ buttress for targeted support and cushioning. Our patented design realigns the patella, suitable for conditions such as Patella Tendinitis (Jumper's Knee) and Chondromalacia Patella. The dynamic, 3D MotionTech™ knit is supportive, meets certified medical grade compression requirements and has been proven to be superior to the leading brands at moisture wicking and breathability, keeping your knee cool during wear. Lightweight, removable spiral stays ensure optimum shape and fit, while distinct patella graphics make donning intuitive.











For knee conditions that may benefit from compression, such as:

- Patella tendinitis
- Chondromalacia Patella
- Mild sprains and strains
- Knee pain
- · Feeling of instability

#### **Features And Benefits**

- MotionTech™ for compression and dynamic fit
- Certified medical grade compression (20-30 mmHg)
- Lightweight CoolVent<sup>™</sup> knit in popliteal area for added breathability and comfort
- Patented SmartPad<sup>™</sup> for targeted support and cushioning
- Patella graphics for intuitive placement
- Patented FoldLock<sup>™</sup> system for easier and more secure application
- Lightweight, removable spiral steel stays

Part#	Size	Calf Circ.*	Thigh Circ.**
FP100001	X-Small	26 - 31 cm	36 - 41 cm
FP100002	Small	31 - 36 cm	41 - 46 cm
FP100003	Medium	36 - 41 cm	46 - 51 cm
FP100004	Large	41 - 46 cm	51 - 56 cm
FP100005	X-Large	46 - 50 cm	56 - 60 cm

<sup>\*</sup> Measure calf circumference 15 cm below mid-patella



<sup>\*\*</sup> Measure thigh circumference 15 cm above mid-patella

## Formfit® Knee – ROM Hinge

#### **Indications For Use**

For knee conditions that may benefit from increased stability around the knee, such as:

 Mild to moderate ACL or PCL, MCL and LCL instabilities, sprains and strains.

#### **Features And Benefits**

- Wrap around design for easy application
- Accutrac® ROM hinges provide anatomically-accurate tracking, extension control and additional medial-lateral stability
- Open and closed popliteal area reduces material bulging and irritation
- Neoprene material provides comfort, retains heat for cold weather conditions and is highly durable for use in sports activities
- Malleable rigid hinge arms provide intimate fit
- Flexion stops: 45°, 60°, 75° & 90°
- Extension stops: Full locked, 10°, 20°, 30° & 40°



Open	Size	Circumference*
507352	X-Small	33 - 39.4cm
507353	Small	39.4 - 47cm
507355	Medium	47 - 53.3cm
507357	Large	53.3 - 59.7cm
507358	X-Large	59.7 - 67.3cm
507359	XX-Large	67.3 - 74.9cm
507360	XXX-Large	67.3 - 74.9cm

<sup>\*</sup> Measure circumference 15cm above mid-patella

# Formfit® Hinged Knee Lateral J

The Formfit Knee Hinged Lateral J is designed to provide realignment of the patella. It offers support, stability and protection for users benefitting from realignment of the patella and/or added lateral support of the patella.

#### Features & Benefits

- Breathable material
- Removable hinges
- Easy pull-on
- Lateral J buttress
- Open popliteal

#### **Indications**

Situations that may benefit from realignment of the patella. These may include:

- Lateral patellar subluxations and dislocations
- Lateral patellofemoral malalignment
- Patellofemoral maltracking and pain
- Chondromalacia due to lateral maltracking



Left Part #	Right Part #	Size	Thigh Circ. *	Knee Circ. **	Calf Circ. ***
709162	709152	X-Small	33 - 39.4cm	30.5 - 33cm	25.4 - 30.5cm
709164	709154	Small	39.4 - 47cm	33 - 35.6cm	30.5 - 35.6cm
709165	709155	Medium	47 - 53.3cm	35.6 - 38.1cm	35.6 - 40.6cm
709167	709157	Large	53.3 - 59.7cm	38.1 - 43.2cm	40.6 - 45.7cm
709168	709158	X-Large	59.7 - 67.3cm	43.2 - 48.3cm	45.7 - 50.8cm
709169	709159	XX-Large	67.3 - 74.9cm	48.3 - 53.3cm	50.8 - 55.9cm

<sup>\*</sup> Measure circumference 15cm above mid-patella

<sup>\*\*</sup> Measure circumference at mid-patella

<sup>\*\*\*</sup> Measure circumference 15cm below mid-patella

## Formfit® Tracker

The Formfit® Tracker knee brace provides comfortable patella realignment plus lightweight breathability that feels great against the skin during workouts and activity.

#### **Indications**

For knee conditions that may benefit from realignment of the patella and/or patients that would benefit from an added lateral support of the patella, such as:

- lateral patellar subluxation or dislocation
- lateral maltracking

#### **Features & Benefits**

- CustomFit<sup>™</sup> hinges for customised fit and support
- Anti-Migration Tech™ minimises migration
- PowerLock<sup>™</sup> straps for secure lateral support
- ReflexWing<sup>™</sup> buttress for comfortable patella realignment
- FlyWeight<sup>™</sup> fabric for soft feel and breathability
- Available in 7 sizes, right and left
- Durable and machine washable



#### **Order Information**

Size	Calf Circ*	Thigh Circ**	Left	Right
XS	25 - 30 cm	33 - 39 cm	719162	719152
S	30 - 35 cm	39 - 47 cm	719163	719153
М	35 - 40 cm	47 - 53 cm	719164	719154
L	40 - 46 cm	53 - 60 cm	719165	719155
XL	46 - 51 cm	60 - 67 cm	719166	719156
XXL	51 - 56 cm	67 - 75 cm	719167	719157
3XL	56 - 61 cm	75 - 81 cm	719168	719158

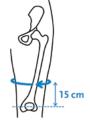
<sup>\*</sup> Measure circumference 15cm below mid-patella

#### **Accessories**

Description	Part#
ReflexWing™ Buttress	719100



Measure calf circumference 15 cm below mid-patella. Leg in extension.



Measure thigh circumference 15 cm above mid-patella. Leg in extension.

<sup>\*\*</sup> Measure thigh circumference 15cm above mid-patella.

## Formfit® Hinged Knee

#### **Indications**

For knee conditions that may benefit from increased stability around the knee, such as:

• Mild medial/lateral knee instabilities.

### **Features & Benefits**

- Dual action hinges are molded into the brace to maintain a low profile
- Accordion molding in the popliteal area reduces bunching behind the knee
- Lycra liner offers a breathable contact area for comfortable and extensive use.
- · Varied areas of thickness give additional protection



### **Ordering Information**

Part #	Size	Knee Circ.*
302153BLK-R2	Small	29 - 33cm
302155BLK-R2	Medium	33 - 37cm
302157BLK-R2	Large	37 - 41cm
302158BLK-R2	XLarge	41 - 44cm
302159BLK-R2	XXLarge	44 - 48cm

<sup>\*</sup> Measure circumference at mid-patella

# Neoprene Wraparound Hinged Knee Support

#### **Indications**

For knee conditions that may benefit from increased stability around the knee, such as:

• Mild medial/lateral knee instabilities.

#### Features & Benefits

- Wraparound style accommodates all leg shape variations
- Dual action hinges are removable for easy cleaning
- · Open popliteal area eliminates bunching and increases comfort
- Front contact closures allow for hassle-free application
- Available in 0.3cm black neoprene from SM to 4XL



Part #	Size	Knee Circ.*
212003-R2	Small	33 - 35.6cm
212005-R2	Medium	35.6 - 38cm
212007-R2	Large	38 - 40.6cm
212008-R2	XLarge	40.6 - 43.2cm
212009-R2	XXLarge	43.2 - 45.7cm
212010 -R2	XXXLarge	45.7 - 58.4cm
212011	XXXXLarge	48.3 - 63.5cm

<sup>\*</sup> Measure circumference at mid-patella



## **Neoprene Knee Sleeve**

Economical pull on knee sleeve support with patella opening.

#### **Indications**

- Conditions requiring compressive support
- Strains
- Meniscus tear
- Mild osteoarthritis

#### **Features & Benefits**

- Unique accordion design enhances comfort by eliminating bunching in the popliteal area
- Open patella

Part #	Size	Knee Circ. *
302013BLK-R2	Small	30.1 - 34.0cm
302015BLK-R2	Medium	34.0 - 37.0cm
302017BLK-R2	Large	37.0 - 39.8cm
302018BLK-R2	XLarge	39.8 - 42.9cm
302019BLK-R2	XXLarge	42.9 - 45.9cm

<sup>\*</sup> Measure circumference at mid-patella





## **Knee Ligament Injury Solutions**



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Rebound® ACL PAGE 67



CTi® Custom
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CTi<sup>®</sup> 3 PAGE 73



CTi® OTS (Off-the-Shelf) PAGE 76



C180<sup>®</sup> Rocket (Paediatric) PAGE 77



Rebound® DUAL PAGE 79



Flex® (Off-the-Shelf) PAGE 81

Featuring the industry leading CTI range of carbon knee braces our ligament knee brace range has your patient's needs covered. From the low profile Flex knee brace with adjustable ROM settings, to the CTI brace renowned for its durability, you can be confident in the support our ligament knee braces provide. We also offer custom made-to-order models to cover the harder to fit patient or those requiring additional features.

## **Ligament Stabilising Knee Braces**



## Warranty: Off-The-Shelf Bracing

Össur warrants the frame and hinge components to be free of defects in materials and workmanship for 2 years.

Straps, liners, return cords, hinge coatings and other soft components shall be warranted free from defects in materials and workmanship for 6 months.

### **Warranty: CTi Custom**

Össur warrants the frame and hinge components on our CTI Custom to be free of defects in materials and workmanship for a lifetime.

Straps, liners, return cords, hinge coatings and other soft components shall be warranted free from defects in materials and workmanship for 6 months.

## Rebound® PCL

The Rebound PCL is designed to apply a physiologically correct, dynamic force, optimal for rehabilitation of posterior cruciate ligament (PCL) ruptures, during functional (non-surgical) or post-surgical rehabilitation.

#### **Indications**

- Non-surgical treatment of PCL ruptures.
- Post-surgical rehabilitation for:
  - Partial PCL tears
  - PCL reconstruction / augmentation
  - PCL revision

#### Features & Benefits

- The Dynamic Tension System™ (DTS) increases the load on the tibia as the knee goes through flexion.
- Three shear knob options permit customisation of the tibial load for each patient and allow for adjustment, e.g. in case of swelling.
- A polycentric hinge with extension and flexion stops allows for range of motion adjustment.
- Lightweight brace with proprietary Sensil® silicone calf liner and doeskin thigh liner to reduce migration, while providing comfort to the user.
- Posterior frame for optimized support, with open anterior for ease of donning/doffing.















## **Ordering Information - Off the Shelf Model**

Part # Leg	Size	Measuring			
Part #	Leg	Size	Caliper M/L *	Calf Circ. **	Thigh Circ. ***
B-124501158	Right	C all	8.9 - 10.2cm	29 - 34.5cm	42 - 45cm
B-124501161	Left	Small	8.9 - 10.2cm	29 - 34.5CM	42 - 45Cm
B-124501159	Right	Medium	10.2 - 11.4cm	34.5 - 38cm	45 - 51cm
B-124501162	Left		10.2 - 11.4cm	34.3 - 38CM	45 - 51Cm
B-124501160	Right	1	11.4.12.7	20 42	F3
B-124501163	Left	Large	11.4 - 12.7cm	38 - 42cm	51 - 58.5cm
B-124501154XL	Right	Fisher Laure	12.7.14	42 47	F9 F (( a)
B-124501155XL	Left	Extra Large	12.7 - 14cm	42 - 47cm	58.5 - 66cm

Note: Minimum inseam requirement from knee centre to perineum is 11"/ 28cm

## **Ordering Information - Custom**

Right	Left	Measuring
B-124501154	B-124501155	SmartMeasure App

#### **Accessories**

Part #	Description	Size
B-705130042	Extension Stop Kit	0°, 5°, 10°, 20°, 30°, 40°, 90°
B-705130043	Flexion Stop Kit	0°, 15°, 25°, 35°, 45°, 55°, 65°, 75°, 90°, 105°
B-465350087	Shear Knob	-

More accessories available at: Ossur.com/en-au/bracing-and-supports/knee/rebound-pcl



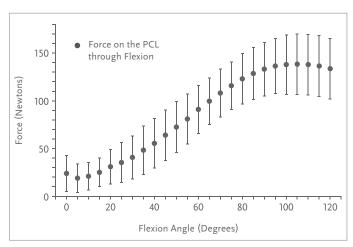
<sup>\*</sup> M/L measurement: In a standard, weight bearing position using a Caliper: M/L at joint width or using a Constant Force Caliper: M/L at knee axis line

<sup>\*\*</sup> Calf circumference measurement: 15cm below knee center

<sup>\*\*\*</sup> Thigh circumference measurement: 15cm above knee center

## PCL Injuries & the Importance of Dynamic Loading

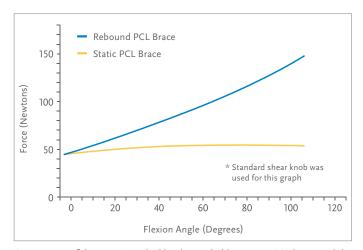
The posterior cruciate ligament (PCL), compared to the anterior cruciate ligament (ACL), has the intrinsic ability to heal and regain continuity after an injury. The PCL experiences variable tensile forces during knee flexion<sup>2</sup>. Insufficient healing after a PCL rupture can lead to significant pathologies, such as chronic knee pain or knee OA<sup>2</sup>.



Graph adapted from Marklof et al<sup>3</sup> and Jansson et al<sup>4</sup>

In a PCL deficient knee, gravity and the forces on the joint from the hamstring muscles can potentially cause the tibia to be positioned in a posterior subluxed location relative to the femur (posterior sag). Healing of the PCL in this elongated position can lead to chronic instability and disability.

Current PCL braces either act as a barrier to normal motion or apply a static load. Therefore we developed the custom made Rebound PCL brace to apply a physiologically correct dynamic force to the PCL during rehabilitation to support it's healing and improve post-healing outcomes.



Comparison of the posterior tibial load provided by a static PCL brace and the dynamic force of the Rebound PCL brace. Graph adapted from LaPrade et al. 5

1. Pierce CM, O'Brien L, Griffin LW, Laprade RF. Posterior cruciate ligament tears: functional and postoperative rehabilitation. Knee Surg Sports Traumatol Arthrosc [Internet]. 2013 May [cited 2014 Dec 9];21(5):1071–84. Available from: http://www.ncbi.nlm.nih.gov/pubmed/22484415 2. Strobel MJ, Weiler A, Schulz MS, Russe K, Eichhorn HJ. Arthroscopic evaluation of articular cartilage lesions in posterior-cruciate-ligament-deficient knees. Arthroscopy [Internet]. 2003 Mar [cited 2014 Dec 11];19(3):262–8. Available from: http://www.ncbi.nlm.nih.gov/pubmed/12627150 3. Markolf KL, Feeley BT, Tejwani SG, Martin DE, McAllister DR. Changes in knee laxity and ligament force after sectioning the posterior cruciate ligament. Arthroscopy. 2006 Oct; 22(10):1100–1106. Available from: http://www.ncbi.nlm.nih.gov/pubmed/17027408 4. Jansson KS, Costello KE, O'Brien L, Wijdicks CA, Laprade RF. A historical perspective of PCL bracing. Knee Surg Sports Traumatol Arthrosc [Internet]. 2013 May [cited 2014 Dec 11];21(5):1064–70. Available from: http://www.ncbi.nlm.nih.gov/pubmed/22622778 5. LaPrade et al. Quantification of functional brace forces for posterior cruciate ligament injuries on the knee joint: an in vivo investigation; Knee Surg Sports Traumatol Arthrosc 2015 Oct;23(10):3070-6



## Functional Healing<sup>™</sup> – Where Mobility Means Recovery

Our expertise in Injury Solutions has driven us to take the next step forward by developing indication-specific products which are designed to optimise healing while maintaining function and mobility.

The Functional Healing icon is Össur's seal of approval for more effective, less painful healing, accompanied by improved mobility.

## Rebound® ACL

The Rebound ACL brace is designed to dynamically reduce strain on the anterior cruciate ligament (ACL) and is intended to be integrated directly into existing clinical protocols.

#### **Indications**

Conditions benefiting from an agonistic force that varies throughout flexion in proportion to ACL tension applied to the thigh and calf in the sagittal plane. These may include:

- · Anterior cruciate ligament (ACL) injury
- Reconstruction
- Non-surgical treatment.

#### Features & Benefits

- Dynamic technology for knee stability, with a Dynamic Tension System<sup>™</sup>
  that provides an agonistic, dynamic force to the ACL that is flexion-angle
  dependent (LaPrade et al., 2017).
- Specific load adaptation according to the patient's individual anatomy and rehabilitation requirements
- Supported by clinical & biomechanical studies, the Rebound ACL is shown to reduce strain on the ACL during activity and significantly reduce strain on the menisicus in ACL-deficient knees (Tomescu et al., 2017).
- Biocompatible, hi-tech materials including Blue is You<sup>™</sup> patient touch points & ActiveGrip<sup>™</sup> liners promote suspension & comfort
- · Lightweight, aircraft aluminum frame
- Flexion & extension range-of-motion lock-outs
- Posterior frame optimized for fit and support, with open anterior for ease of donning/doffing
- Clinically-tested comfort, validated by end-users and with load mapping data collected during rehabilitation activities, the Rebound Dynamic Tension System (DTS) provides a comfortable load to the posterior thigh & anterior tibia.



### **Ordering Information - Standard**

Size	Right	Left	Measurement A†	Measurement B1
S	B-124501191	B-124601191	8.9 - 10.2 cm	29.2 - 34.3 cm
M	B-124501192	B-124601192	10.2 - 11.4 cm	34.3 - 39.4 cm
L	B-124501193	B-124601193	11.4 - 12.7 cm	39.4 - 44.5 cm
XL	B-124501194	B-124601194	12.7 - 14.0 cm	44.5 - 49.5 cm

 $<sup>\</sup>dagger$  M/L measurement: In a standard, weight bearing position using a Caliper: M/L at joint width or using a Constant Force Caliper: M/L at knee axis line

## **Ordering Information - Custom**

Description	Right	Left
SmartMeasure App	B-124501154	B-124501155

#### **Accessories**

Description	Part#
Extension stop kit (0°, 5°, 10°, 20°, 30°, 40°)	B-124702035
Flexion stop kit (0°, 15°, 25°, 35°, 45°, 55°, 65°, 75°, 90°, 105°)	B-124702034
Condyle pad kit	B-701090009
Tibia pad	B-124702032

#### **Custom Colour**



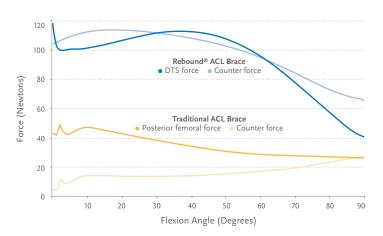
CC = Charcoal

Description	Part#
Tibia hex pad	B-124702033
Shear knob kit	B-705130051
Strap kit S-M	B-124702030
Strap kit L-XL	B-124702031

<sup>1</sup> Calf circumference measurement: 15cm below knee center

## Rebound® ACL

#### Average Anterior-Posterior Force On The Acl Thought Knee Flexion<sup>4</sup>



The dynamic load of the Rebound ACL on the femur is generated by applying a anterior directed dynamic force on the thigh area, and opposing counter forces on the anterior aspect of the tibia.





Rebound ACL is shown to reduce ACL strain & SIGNIFICANTLY reduce meniscus strain<sup>2</sup>



1. LaPrade RF, Venderley MB, Dahl KD, Dornan GJ. Functional brace in ACL surgery: Force quantification in an in vivo study. Orthopaedic journal of sports medicine 2017; 5(7). doi: 10.1177/2325967117714242.2.
2. During activity. Tomescu, S, Bakker, R, Wasserstein, D. Dynamically tensioned ACL functional knee braces reduce ACL and meniscal strain. Knee Surg, Sports Traumatol Arthrosc 2017; 26: 526–533. 3. Results of a representative end-user survey post brace wear during rehabilitation activities. Data on file at Össur.

4. Clinical Testing / Biomechanical study using force transducers to measure the force between the Rebound ACL and the lower limb, and load mapping data collected during squats. Data on file at Össur.

## CTi<sup>®</sup> Custom

CTi® has set the standard for truly custom ligament bracing for more than 20 years. Now we've redesigned this classic with a host of new improvements, like proprietary Sensil® padding, flexible lower medial cuff for greater protection against rotational forces and skin-friendly SensEdge overmolding to avoid pressure points. Find out why CTi® knee braces are demanded by top athletes and respected by leading physicians around the world.

### **Indications & Usage**

For knee conditions that may benefit from increased AP and ML stability around the knee, such as: ACL, MCL, LCL, PCL, rotary and combined instabilities.

#### Features & Benefits

- Vapor model for low to medium impact levels.
- Standard model for medium to high impact levels.
- Pro Sport model for highest impact levels.







### **Product Highlights**



Anatomically-correct Accutrac<sup>™</sup> hinges with extension stops



Proprietary Sensil® padding



Field serviceable D-rings



Shaped carbon or flexible subshell options available to provide the level of support that you require

## **Ordering Information**

Part #	Leg	Description	
B-117500010	Right	CTi Prosport - Thicker Carbon Frame	
B-117600010	Left	CTi Prosport - Thicker Carbon Frame	
B-116500010	Right	CTi - Standard Carbon Frame	
B-116600010	Left	CTi - Standard Carbon Frame	
B-118500010	Right	CTi Vapour - Thinner Carbon Frame	
B-118600010	Left	CTi Vapour - Thinner Carbon Frame	



#### LOOKING FOR A **CUSTOM SOLUTION?**

Please call prior to ordering to speak with one of our Clinical Product Specialists.

CALL 1300 123 268

For further information regarding custom brace measurements, Refer to page 70

## **Tips For Measuring Custom Braces**

Have patient standing (If patient is sitting ensure leg is in full extension & foot is Dorsiflexed)

#### **STEP 1 - LANDMARK THE LEG**

JOINT SPACE

- 1. Draw a line at medial joint space
- 2. Draw a line across the patella 2cm above joint space = joint axis (approx mid-patella)

#### **TIBIAL CREST**

3. Mark the Tibial Tuberosity & extend line to 15cm below the Tibial Tuberosity

#### ANY SPECIAL MARKINGS

4. Prominent Fibular Head, etc.

### STEP 2 - TAKE MEASUREMENTS

#### **CIRCUMFERENCES**

- 15cm Above Joint Axis
- 7.5cm Above Joint Axis
- 15cm Below Joint Axis
- 7.5cm Below Joint Axis

#### **Clinical Tips**

For PCL custom braces, an additional two circumference measurements are required: **20cm below and above mid patella** 

#### CALIPER AT THE ML (Joint Axis)

- Use Constant Force Caliper if available
- Take M/L measurement with slight compression of the tissue
- If not using constant force caliper Increase compression on 'fleshy' legs

Note: If your patient has atrophied or swollen knee that is likely to change repeat

Step 2 measurements of opposite limb for comparison.

## NEED HELP? Phone our Customer Support Service on 1300 123 268

#### **STEP 3 - PHOTOGRAPHS**

(ensure photos are taken against a blank/contrasting background)

- Align camera at Mid Knee (do not tilt the camera)
- Capture 20cm above & below Mid Knee
- Ensure Patient:
  - Is standing comfortably in full extension (not locked out) and in uncorrected position
  - Has equal weight distribution leg as straight as possible
  - Has shoes removed
- Check the pictures before the patient leaves

\*OA braces have standard correction of 4°. If you require an alternate correction specify angle on order form.

#### **ANTERIOR PHOTO**

• Ensure the photo is taken in the line of progression (equal view of medial & lateral contours)

#### LATERAL PHOTO

• Ensure leg is vertical with opposite limb out of image (consider using a sheet between legs to hide opposite

#### **ADDITIONAL PHOTOS**

• Include photos of any special conditions. Eg. Prominent fibula head, scar tissue etc.

#### **STEP 4 - BILATERAL BRACES**

For Bilateral brace orders, repeat steps 1-3 on opposite leg

#### **STEP 5 - SUBMIT MEASUREMENTS**

Scan the measurement form and email the form and photos to anzbracing@ossur.com



# **Nothing Measures Like SmartMeasure™**

An app for iPhone® & iPad® designed to order pre-fabricated knee braces or measure custom knee braces. SmartMeasure is Össur's most intuitive, efficient and accurate way to measure and order Össur knee braces, including Rebound® DUAL, Rebound® PCL and Rebound® Cartilage.



SmartMeasure utilises a section-based, step-by-step approach to guide you through the entire brace selection, measuring and order process. With built-in tutorials and completion indicators for each section, every aspect was designed with the user experience in mind.



SmartMeasure makes every step of the measuring and ordering process quicker. Favorites and smart fields make the data entry process faster and, once completed, the order is sent directly from your device.



SmartMeasure uses the iPhone and iPad's gyroscopic sensor to reduce lens angle distortion on the anterior and lateral photos. This, in conjunction with a series of specific anatomical landmarks and Össur's proprietary software, provides the precise data needed to build an intimate fitting custom brace.



# **CTi® - Colour And Finish Options**

### **Standard Colour Options**

Orange	Pink	Yellow	Ocean Blue
Navy Blue	Silver	White	Lime Green
Champagne	Charcoal	Black	Red

Customise your CTi brace. Choose from our existing designs or add your own logo, team colours or personal design to complete your custom brace.

Matte finish is standard for custom braces, gloss finish available if specified at time of order.

### **Custom Paint Options**

\* There are a variety of custom paint designs available for an additional fee. See below for a few samples



Extra fee and copyright limitations apply. Visit www.ossur.com.au



## Nothing measures like SmartMeasure™

An app for iPhone® & iPad® designed to order prefabricated knee braces or measure custom knee braces. *Smart*Measure is Össur's most intuitive, efficient and accurate way to measure and order Össur knee braces, including Rebound® DUAL, Rebound® PCL and Rebound® Cartilage.



## CTi® 3

CTi 3 brings a new vision to double upright knee braces. Innovative engineering makes CTi 3 an excellent option for most of your patient population. Suitable for both everyday activities and sport, CTi 3 offers great quality with its enhanced construction and anatomical fit for elevated comfort...

## **Indications & Usage**

 For knee conditions that may benefit from increased AP and ML stability and protection, such as injuries to the ACL, MCL, LCL, PCL, rotary and combined instabilities.

#### Features & Benefits

- Enhanced construction Lightweight, high strength carbon composite frames provide the optimal stiffness to weight ratio
- Anatomical fit Designed to fit a wider range of leg shapes and includes an Accutrac® hinge to closely follow the knee's anatomical movement
- Elevated comfort Unique liners enhance comfort with their special tread block pattern, which provides a balance of cushion and ventilation
- Easy-to-use accessories and replacement parts, including MX kits, replacement strap sets, liner sets and flexion stops

## **Required Measurements**

- Knee caliper
- Thigh circumference 20 cm above mid patella

## **Ordering Information**

Size	Caliper	Circumference	Left	Right
S	8-10 cm	40-47cm	CTI-23002	CTI-22002
М	10-11 cm	45-55 cm	CTI-23003	CTI-22003
L	11-12 cm	52-61 cm	CTI-23004	CTI-22004
XL	13-14 cm	58-67 cm	CTI-23005	CTI-22005

Includes: Condyle Pad Set and Extension Stop Set, o° Extension Stop and Standard Condyle Pad are pre-installed. Note: M/L measurements are the preferred and most accurate form of measurement for CTi. Circumferential measurements are approximate.





## CTi® 3

## **Impact Guard**

Size	Description	Left	Right
S-M	Includes 1 2-piece impact guard, elastic cord and hardware	CTI-23112	CTI-22112
L-XL	Includes 1 2-piece impact guard, elastic cord and hardware	CTI-23115	CTI-22115



## CTi3 MX Kit

Size	Left	Right
S	CTI-23132	CTI-22132
M	CTI-23133	CTI-22133
L	CTI-23134	CTI-22134
XL	CTI-23135	CTI-22135



Includes: Impact Guard, Sleeve with Mesh, CTi Decal Sheet and CTi Product Bag.

## **Liner Set**

Size	Descripton	Left	Right
S	Includes upper liner, lower liner and strap pad	CTI-23322	CTI-22322
М	Includes upper liner, lower liner and strap pad	CTI-23323	CTI-22323
L	Includes upper liner, lower liner and strap pad	CTI-23324	CTI-22324
XL	Includes upper liner, lower liner and strap pad	CTI-23325	CTI-22325



## **Hook Set**

Size	Descripton	Left	Right
S	Includes all replacement hooks (8 pieces)	CTI-23332	CTI-22332
М	Includes all replacement hooks (8 pieces)	CTI-23333	CTI-22333
L	Includes all replacement hooks (8 pieces)	CTI-23334	CTI-22334
XL	Includes all replacement hooks (8 pieces)	CTI-23335	CTI-22335

## **Strap Set**

Size	Description	Part #
S	Includes all straps (4 pieces)	CTI-24222
М	Includes all straps (4 pieces)	CTI-24223
L	Includes all straps (4 pieces)	CTI-24224
XL	Includes all straps (4 pieces)	CTI-24225



# CTi® 3

## **Miscellaneous**

Description	Part #
Guard Elastic Cord	CTI-24130
Guard Screws	CTI-24140
Tibial Wedge Pad	22077
Condyle Pad Set. Includes 6 condyle pads (2 thin, 2 standard, and 2 thick) and 2 condyle replacement hooks	CTI-24320
Extension Stop Set (0°, 5°, 10°, 20°, 30°)	CTI-24430
Flexion Stop Set (0°, 60°, 75°, 90°)	CTI-24440
Hinge Sticker Set	CTI-24450
D-Ring Set	CTI-24510
PCL Strap Kit	CTI-24520

## **Sleeve With Mesh**

Size	Part #
S	SLV60012
M	SLV60013
L	SLV60014
XL	SLV60015



## CTi® OTS

For optimum support, protection and durability, choose the CTi knee brace. Combining a rigid carbon frame with flexible subshells and an adjustable tibial strap, CTi OTS provides adjustability for an excellent fit whilst maintaining the level of support and protection that you expect from a CTi knee brace. PCL model features additional femoral strap and calf pad for specific PCL stability or injury

## **Indications & Usage**

 For knee conditions that may benefit from increased AP and ML stability around the knee, such as: ACL, MCL, LCL, PCL, rotary and combined instabilities.

### **Features & Benefits**

- For knee conditions that may benefit from increased AP and ML stability around the knee, such as: ACL, MCL, LCL, PCL, rotary and combined instabilities.
- Vapor model for low to medium impact levels.
- · Standard model for medium to high impact levels.
- Pro Sport model for highest impact levels.







Watch the CTi OTS Fitting Video



## **Product Highlights**



Anatomically-correct Accutrac<sup>™</sup> hinges with extension stops



Proprietary Sensil® padding



Field serviceable D-rings



Flexible subshells for a customised fit



CTi OTS Knee Brace

## CTi® OTS

## **CTI OTS**

D #	1	C:	Measuring	
Part #	Leg	Size	Caliper*	Circumference**
B-239500112	Right	Small	8.9 - 10.2cm	20 24
B-239600112	Left	Small	8.9 - 10.2cm	28 - 34cm
B-239500113	Right	NA - Ji	10.2.11.4	24 20
B-239600113	Left	Medium	10.2 -11.4cm	34 - 38cm
B-239500114	Right	Lamas	11 4 12 7	20 41
B-239600114	Left	Large	11.4 - 12.7cm	38 - 41cm
B-239500115	Right	V I	12.7. 14.0	47 44
B-239600115	Left	X-Large	12.7 - 14.0cm	41 - 44cm
B-239500116	Right	VV 1	140 152	44 49
B-239600116	Left	XX-Large	14.0 - 15.2cm	44 - 48cm

<sup>\*</sup> Caliper measurement: M/L at joint width in a standard, weight-bearing position

## CTi OTS PCL Model\*\*\*

Part #	Leg	Size	Measuring	
Part #			Caliper	Circumference
B-239540112	Right	Small	8.9 - 10.2cm	28 - 34cm
B-239640112	Left	Siriali	8.9 - 10.2Cm	26 - 34(11)
B-239540113	Right	Medium	10.2 -11.4cm	34 - 38cm
B-239640113	Left	Medium	10.2 -11.4cm	34 - 36CM
B-239540114	Right	Laura	11.4 - 12.7cm	38 - 41cm
B-239640114	Left	Large	11.4 - 12.7cm	38 - 41CM
B-239540115	Right	Vlargo	12.7 - 14.0cm	41 - 44cm
B-239640115	Left	X-Large	12.7 - 14.0Cm	41 - 440111
B-239540116	Right	VV Lawaa	14.0 - 15.2cm	44 49 000
B-239640116	Left	XX-Large	14.U - 13.ZCffl	44 - 48cm

### C180® Rocket - Paediatric

Part #	Leg	Size	Caliper Measurement *	Circumference **
C180KSR	Right	Small	7.6 - 8.9cm	24.2 - 27.9cm
C180KSL	Left	Small	7.6 - 8.9cm	24.2 - 27.9cm
C180KLR	Right	Large	8.3 - 9.5cm	26 - 29.8cm
C180KLL	Left	Large	8.3 - 9.5cm	26 - 29.8cm
C1802XSR	Right	X-Large	8.9 - 10.2cm	27.9 - 32.1cm
C1802XSL	Left	X-Large	8.9 - 10.2cm	27.9 - 32.1cm

<sup>\*</sup> Caliper measurement: M/L at joint width in a standard, weight-bearing position

More accessories available at: Ossur.com/en-au/bracing-and-supports/knee/c180-rocket



<sup>\*\*</sup> Circumference measurement just below the distal border of patella

<sup>\*\*\*</sup> PCL model features additional PCL support strap system

<sup>\*\*</sup> Circumference measurement just below the distal border of patella

## CTi® OTS



### MX (Motor Cross Kit)

Kit includes Patella guard, gear guard protector, and undersleeve.

Part #	Size*
B-711140002	Kit MX CTi Sml
B-711140003	Kit MX CTi Med
B-711140004	Kit MX CTi Lrg
B-711140005	Kit MX CTi XLrg



### CTI Strap Kit - OTS

Replacement strap sets

Part #	Size*
B-701140002	Small
B-701140003	Medium
B-701140004	Large
B-701140005	XLarge/XXLarge
30251	Paediatric Small
30252	Paediatric Large



#### Oversleeves Black

Neoprene protective oversleeve

Part #	Size*
20051	Small
20052	Medium
20053	Large
20054	X-Large
20055	XX-Large



#### Undersleeve

92% cotton undersleeve with mesh panel (8% spandex) & the foldback top band (100% polyester).

Part#	Size
SLV60011	X-Small
SLV60012	Small
SLV60013	Medium
SLV60014	Large
SLV60015	X-Large
SLV60016	XX-Large



CTI Patella Cup Protective knee guard

Part #	Size	
B-711130011	Universal	
25029	Paediatric	



Flexion Stops Kit

Add on housing adjusts to provide 0-90 degree flexion control

Part #	Size*	
19254	Universal	



Gear Guard Kit

Overpad for brace hinges

Overpad for brace filliges		
Part #	Size	
B-705000003	Universal	



### Ams Wrap Kit

Additional calf wrap to improve suspension

Part #	Size*	
B-410000001	Small/Medium	
B-410000002	Large - XXLarge	

\* Match to brace size

 $More\ accessories\ available\ at:\ \underline{Ossur.com/en-au/bracing-and-supports/knee/cti}$ 

## Rebound® Dual

The Rebound DUAL offers simplicity without compromise. With its malleable yet supportive frame, Rebound DUAL is the go-to for knee ligament support.

### **Indications**

- The brace is indicated for combined and non-combined instabilities of the:
  - Anterior cruciate ligament (ACL)
  - Medial collateral ligament (MCL)
  - Lateral collateral ligament (LCL)
  - Posterior cruciate ligament (PCL)
- Acculign version only: Conditions requiring unicompartmental load control.

### Features & Benefits

- Cold-malleable aluminum frame, trimmable straps, and fieldserviceable D-rings accommodate various patient anatomies
- Acculign™ upper frame allows height and varus/valgus adjustment
- Polycentric hinge with ROM stop options for range-of-motion restriction
- Össur Hinge Alignment Guide, Blue is You™ touch points, and tactile numbered strap tabs guide the fitting process
- Optional SmartDosing® Kit accessory offers fine-tuned unicompartmental offloading
- Optional PCL Kit accessory for multi-ligament support









#### **Custom Paint Colours:**

Black (default)

Electric blue

Metallic silver

White

Red

#### **Custom Liner Colours:**

Metallic Silver (default)

Electric blue

Yellow

Purple

Black

Ready to Fit Model Available in Black Frame With Black Liner Only.





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## Rebound® Dual

## Ordering Information - Ready to Fit Model

Dout #	Leg	Si-a	Measuring	
Part #		Size	Caliper*	Circumference**
B-242510001	Right	XS	7.6 - 8.9cm	38.1 - 41.9cm
B-242510002	Right	Small	8.9 - 10.2cm	41.9 - 47cm
B-242510003	Right	Medium	10.2 - 11.4cm	47 - 52.1cm
B-242510004	Right	Large	11.4 - 12.7cm	52.1 - 57.2cm
B-242510005	Right	X-Large	12.7 - 14cm	57.2 - 62.2cm
B-242510006	Right	XX-Large	14 - 15.2cm	62.2 - 69.9cm
B-242510007	Right	XXX-Large	15.2 - 16.5 cm	69.9 - 76cm
B-242610001	Left	XS	7.6 - 8.9cm	38.1 - 41.9cm
B-242610002	Left	Small	8.9 - 10.2cm	41.9 - 47cm
B-242610003	Left	Medium	10.2 - 11.4cm	47 - 52.1cm
B-242610004	Left	Large	11.4 - 12.7cm	52.1 - 57.2cm
B-242610005	Left	X-Large	12.7 - 14cm	57.2 - 62.2cm
B-242610006	Left	XX-Large	14 - 15.2cm	62.2 - 69.9cm
B-242610007	Left	XXX-Large	15.2 - 16.5 cm	69.9 - 76cm

<sup>\*</sup> Caliper measurement: M/L at joint width in a standard, weight-bearing position

## **Ordering Information - Accessories**

Part #	Measuring	
B-155X10001	SmartMeasure App	
B-701090060	SmartDosing Kit RM/LL	
B-701090061	SmartDosing Kit RL/LM	
B-701090088	ROM Kit. Flexion/Extension Stop Set - Tool-Free Hinge	

<sup>\*</sup> Flexion Stops: 0, 10, 20, 30, 45, 60, 75, 90 \*\* Extension Stops: 0, 5, 10, 20, 30, 45

Part #	Measuring
B-701090059	D-Ring Kit
B-701090001	Tibial Wedge Kit
B-701090009	Condyle Pad Kit
B-701090057	Strap Kit XS-LG
B-701090058	Strap Kit XL-3XL

### **Rebound Dual Custom - Measurement Chart**

Rebound DUAL Custom can be manufactured between one shape difference for thigh, calf and M/L.

Shape	M/L (cm)	* Calf (cm)	
	Mix/ Max	Min	Max
А	7.5 - 9	27	29
В	9 - 10	29	34
С	10 - 11.5	34	39
D	11.5 - 13	39	45
Е	13 - 14	45	50
F	14 - 15	50	54
G	15 - 17	54	60

Shape	M/L (cm)	Thigh (cm)	
	Mix/ Max	Min	Max
А	7.5 - 9	38	42
В	9 - 10	42	47
С	10 - 11.5	47	52
D	11.5 - 13	52	57
Е	13 - 14	57	62
F	14 - 15	62	70
G	15 - 17	70	76

More accessories available at: Ossur.com/en-au/bracing-and-supports/knee/rebound-dual



<sup>\*\*</sup> Thigh circumference 15cm above mid-patella

## **Flex**®

Flex is a viable post-op/functional rehab solution offering more versatility in both shape and function than most other options. Its heat-moldable, carbon composite frame accommodates edema and/or changes in leg shape during recovery from surgery, while its Accutrac<sup>®</sup> range-of-motion hinges provide flexion and extension control. Gel Fit™ condylar pads improve suspension and are comfortable for tender knees recovering from trauma.

## **Indications & Usage**

- ACL, MCL, LCL, PCL, rotary and combined instabilities.
- Long-term use for post-op, rehab, and functional support.

### **Features & Benefits**

- Accutrac® hinges with easy to use flexion/extension stops Heat-moldable, carbon composite frame accommodates edema and/or changes in leg shape during rehabilitation.
- Gel Fit<sup>™</sup> Condylar pad for suspension and comfort.
- Adjustable Tibial Strap captured the tibia and allows adjustments in hinge depth for a customised fit.
- Large, 'open window' frame design accommodates post-op dressing and oedema.
- Non-corrosive materials, ideal for water sports.



## **Product Highlights**



Accutrac™ ROM hinges with easy-to-use flex/ext stops



Heat-mouldable, carbon composite frame accommodates edema and/or changes in leg shape during recovery



Gel Fit™ condylar pads for improved suspension and comfort





### **Measurements**

Part #	Leg	Size	Version	Caliper Measurement *	Circumference **
FLEX-SR	Right	Small	Standard	8.9 - 10.2cm	27.9 - 32.1cm
FLEX-SL	Left	Small	Standard	8.9 - 10.2cm	27.9 - 32.1cm
FLEX-MR	Right	Medium	Standard	10.2 - 11.7cm	32.1 - 36.8cm
FLEX-ML	Left	Medium	Standard	10.2 - 11.7cm	32.1 - 36.8cm
FLEX-LR	Right	Large	Standard	11.7 - 13cm	36.8 - 40.6cm
FLEX-LL	Left	Large	Standard	11.7 - 13cm	36.8 - 40.6cm
FLEX-XLR	Right	XLarge	Standard	13 - 14.3cm	40.6 - 44.8cm
FLEX-XLL	Left	XLarge	Standard	13 - 14.3cm	40.6 - 44.8cm
FLEXPCL-SR	Right	Small	PCL	8.9 - 10.2cm	27.9 - 32.1cm
FLEXPCL-SL	Left	Small	PCL	8.9 - 10.2cm	27.9 - 32.1cm
FLEXPCL-MR	Right	Medium	PCL	10.2 - 11.7cm	32.1 - 36.8cm
FLEXPCL-ML	Left	Medium	PCL	10.2 - 11.7cm	32.1 - 36.8cm
FLEXPCL-LR	Right	Large	PCL	11.7 - 13cm	36.8 - 40.6cm
FLEXPCL-LL	Left	Large	PCL	11.7 - 13cm	36.8 - 40.6cm
FLEXPCL-XLR	Right	XLarge	PCL	13 - 14.3cm	40.6 - 44.8cm
FLEXPCL-XLL	Left	XLarge	PCL	13 - 14.3cm	40.6 - 44.8cm

<sup>\*</sup> Caliper measurement: M/L at joint width in a standard, weight-bearing position

### **Accessories**

Description	Part#
Flexion / Extension Stop Kit	44035

More accessories available at: Ossur.com/en-au/bracing-and-supports/knee/flex

### **Clinical Tips**

The Flex knee brace offers a great solution for patients as both a pre/post operative and as a definitive long term brace. The adjustable ROM setting allows you to lock the knee in extension for pre-op immobilisation, provide controlled post operative ROM restriction and then free motion for ongoing use.



<sup>\*\*</sup> Circumference measurement just below the distal border of patella

<sup>\*\*\*</sup> PCL model features additional PCL support strap system

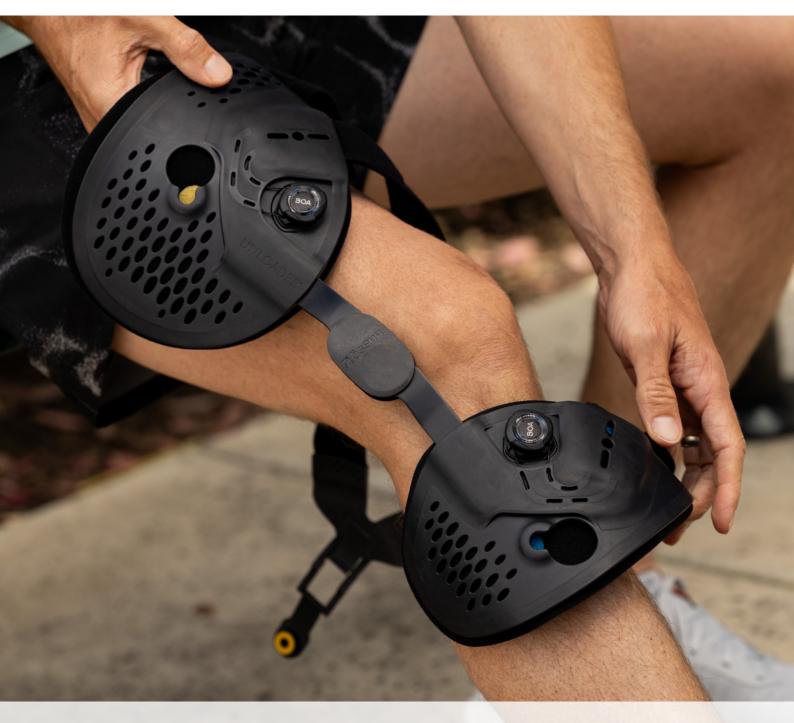
## Össur Knee OA Solutions

These product solutions have been built on decades of experience and are designed to enhance the quality of life of people living with osteoarthritis by reducing pain and improving mobility, while the braces are being worn. Through innovation leadership, OA expertise and partnerships with medical professionals, we offer comprehensive and effective treatment options.

## **UNLCADER®**

The Össur Unloader® brand name has become synonymous with Osteoarthritis bracing, representing OA Solutions' technology as the industry standard, with more than 15 clinical studies demonstrating its efficacy.

Össur strives to maintain its position as the innovation leader for OA Solutions by continuing to develop simple, yet effective clinically studied treatment solutions that increase people's quality of life.



Disclaimer: This product catalogue is intended for Healthcare Professional use. Unloader knee braces should always be fitted by an authorised practitioner. Always read the label. Use only as directed and consult your healthcare professional if symptoms persist.

# **Management of Knee OA**

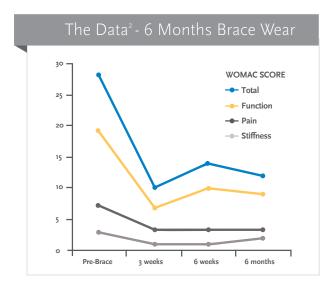
Össur's comprehensive range of Knee OA braces are designed to alleviate pain, joint stiffness and reliance on pain medication, while also contributing to an improvement in physical activity, knee function and overall quality of life when being worn.



## Unloader® Braces: **Driven By Innovation**

Recent studies have shown patients wearing the Össur Unloader braces may experience:

- Significant improvement of knee function and decreased pain<sup>1</sup>
- Significant improvement in quality of life<sup>1</sup>



- Briggs, K.K., Matheny, L.M., Steadman, J.R., 2012. Improvement in quality
  of life with use of an unloader knee brace in active patients with OA: A
  prospective cohort study. J Knee Surg 25, 417-422.
- Eikelboom T, Schwager R, Lutsch R, Ruthning H, Elbracht M, Kohns M. "Unloader-Orthesen und Patientencompliance worauf legen Gonarthrosepatienten Wert?" OT World 2014. Leipzig; 2014.

N.B. Please refer to product disclaimer on page 83.

## **OA Management Consists of:**

#### Core Treatment:

- Self management & education
- Land/water based exercise
- Weight management
- Strength training

Additional treatments as appropriate:

#### **Biomechanical Interventions**

- Insoles
- Unloader brace

#### Pharmaceuticals

- Analgesics, oral and/or topical NSAIDS
- Corticosteroid Injections
- Other

### STEADMAN PHILIPPON RESEARCH RESULTS

At 6 months, the below percentages of patients reported a **REDUCTION IN MEDICATION USE** while using the Unloader One Brace:

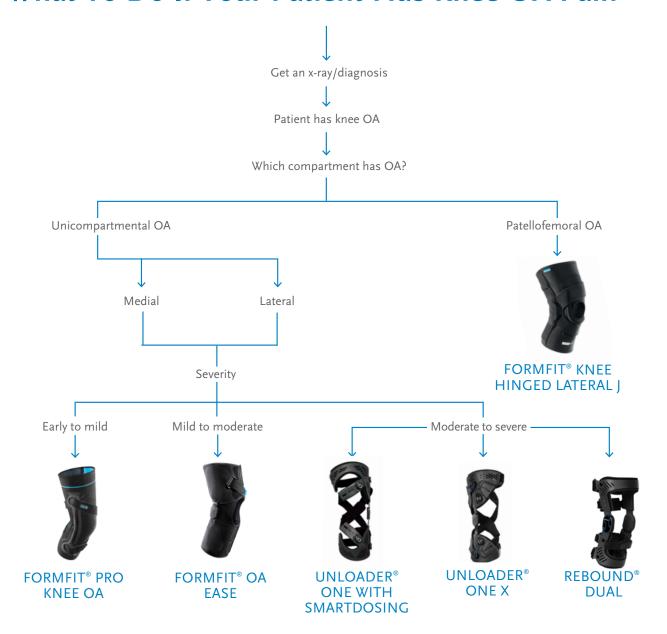








## What To Do If Your Patient Has Knee OA Pain



### **Other Knee OA Solutions**

## CTI® OA & LIGAMENT BRACE



For nearly 25 years CTi® has set the standard of ligament bracing. The CTi OA brace is suitable for those suffering mild to severe OA.

#### REBOUND® DUAL WITH DFS STRAP



Delivers functional support for ligament instabilities, including ligament instability with osteoarthritis, in a single, versatile brace. Suitable for low-to-moderate impact activities as well as sliding sports.

#### UNLOADER® XT



The Unloader XT is synonymous with knee OA management and is completely customisable for your mild to severe OA.

N.B. Please refer to product disclaimer on page 83.

# **Knee Osteoarthritis Braces**



Unloader One® X OTS & Custom PAGE 86



Unloader One® With SmartDosing PAGE 93



Rebound® DUAL OTS & Custom PAGE 97



CTi® OA PAGE 99



Unloader XT® PAGE 100



Formfit® Pro Knee OA PAGE 101



Formfit® OA Ease PAGE 102

## UNLOADER ONE X

Unloader One X improves mobility by providing pain relief from knee osteoarthritis, degenerative meniscal tears, and other unicompartmental knee conditions that may benefit from unloading. It features Össur's unique, patented, and clinically proven 3-point Leverage System that generates unicompartimental unloading of the knee joint.

Available in custom and OTS versions to help you fit your patient's different leg anatomies.

### **Indications**

- Moderate to severe unicompartmental knee osteoarthritis
- Degenerative meniscal tears
- Other unicompartmental knee conditions that may benefit from unloading, such as:
  - Articular cartilage defect repair
  - Meniscal repair
  - Avascular necrosis
  - Condylar bone marrow lesions
  - Tibial plateau fractures

## **Features & Benefits**

- Relieves Pain 3 Point Leverage System with Dynamic Force System® straps, rigid shells, and a single upright hinge biomechanically unloads the affected knee compartment.
- Control Tool-free SmartDosing® dials enable the patient to finetune the strap tension to control pain.
- Comfortable Skin-friendly liners feel great against the skin and reduce pressure points. Antimigration strap technology design captures the widest part of the calf to reduce brace migration.
- Easy-to-Use Alignment guide on hinge facilitates correct
  positioning of the brace on the leg and color coded touch points
  aid in easy donning and doffing.
- Easy-to-Wear Slender frame with soft edges easily contours to individual anatomies and remains discreet whether worn under or over clothing.
- Easy Care Entire brace is machine washable (washbag included).

#### How To Select An Unloader One® X

- 1. Is the brace for a left or right leg?
- 2. Which compartment of the knee do you want to unload? (Brace hinge is on the side of the affected compartment).
- 3. What is the patient's calf circumference?

Need Help With Ordering? Phone 1300 123 268

N.B. Please refer to product disclaimer on page 83.







# **Product Highlights**



Popliteal strap pad



Doeskin Liners on thigh for improved comfort



Sundial (for easier grip on SmartDosing dial)



Sensil® silcone liners on calf for enhanced suspension



Finger Loops (for an even easier opening of buckles)

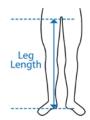


## Required Measurements: Unloader One X OTS



Measure calf circumference 15 cm below mid-patella. Leg in extension.

Measure leg length from floor to groin.



Size	Measurements
XS-MD	25-43cm
LG-XL	43-62cm

Calf circumference 15 cm below mid patella

Model	Leg Length
Standard	> 85 cm
Short	≤ 85 cm

## **Ordering Information**

Hinge is placed on the side of the affected compartment. Short version recommended for patients with a leg length of  $\leq$  85 cm.

#### **OTS**

Standard	Right Medial	Right Lateral	Left Medial	Left Lateral
XS-M	UOX0518713	UOX0528713	UOX0618713	UOX0628713
L-XL	UOX0518715	UOX0528715	UOX0618715	UOX0628715

Short	Right Medial	Right Lateral	Left Medial	Left Lateral
XS-M	UOX1518713	UOX1528713	UOX1618713	UOX1628713
L-XL	UOX1518715	UOX1528715	UOX1618715	UOX1628715

### **Custom**

Description	Part #
Right	UOX0R
Left	UOX0L

## Required Measurements: Unloader One X Custom

Custom made to measure: Smartmeasure, 3D Scan (.AOP, .STL, .OBJ, .CPV) or Patient Cast

### **Smartmeasure®**

A digital measuring system for custom knee braces on the iPhone or iPad. The most intuitive, efficient and accurate way to measure for any Össur custom knee brace. Utilises a section-based, step-by-step approach to guide you through the entire brace selection, measuring and order process.



Description	Part#
SmartMeasure Measuring Kit	CMS0000
Constant Force Caliper	B-312000000

## **Colours**

### **Custom Standard Colours**















Blue Brace / Black Components

Charcoal Gray Brace / Gray Components

Red Brace / Black Components

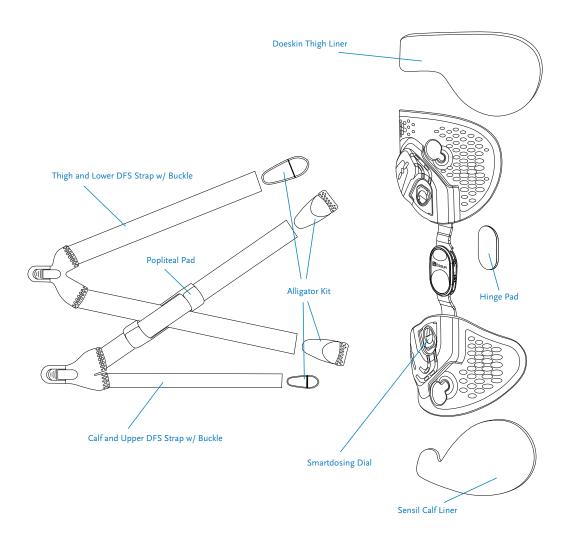
White Brace / Gray Components

Yellow Brace / Black Components

### **OTS Colour**

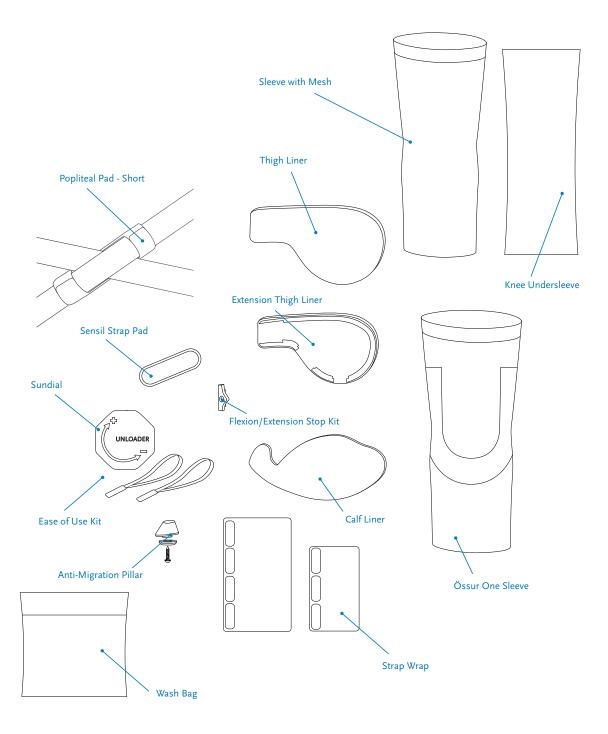


## **Replacement Parts**





## **Accessories**



Thigh Liners	Thigh - Right Medial, Left Lateral	Thigh - Right Lateral, Left Medial	Thigh Extension - Right Medial, Left Lateral	Thigh Extension - Right Lateral, Left Medial
Black, Sensil	UOX526801	UOX525801	NA	NA
Black, Doeskin	UOX526901	UOX525901	UOX546901	UOX545901

Calf Liners	Right Medial, Left Lateral	Right Lateral, Left Medial
Black, Sensil XS-M	UOX516952	UOX515952
Black, Sensil L-XL	UOX516962	UOX515962
Black, Doeskin XS-M	UOX516951	UOX515951
Black, Doeskin L-XL	UOX516961	UOX515961

Thigh and Lower DFS Strap*	Right Medial, Left Lateral	Right Lateral, Left Medial
Black	UOX406902	UOX405902

<sup>\*</sup>Includes Thigh and DFS Strap with buckle

Calf and Upper DFS Strap*	Right Medial, Left Lateral	Right Lateral, Left Medial
Black	UOX406901	UOX405901

<sup>\*</sup>Includes Thigh and DFS Strap with buckle

UOX Service Kit*	Right Medial, Left Lateral	Right Lateral, Left Medial
Black, XS-M	UOX416901	UOX415901
Black, L-XL	UOX416911	UOX415911

<sup>\*</sup> Includes Doeskin Thigh Liner, Sensil Calf Liner, Thigh and Lower DFS Strap with Buckle, Calf and Upper DFS Strap with Buckle, Hinge Pad, Popliteal Pad, and Alligator Kit

Anti-Migration Pillar	Right Medial, Left Lateral	Right Lateral, Left Medial
Black	UOX700015	UOX700035



Other Replacement Parts and Accessories	Black	Grey
Alligator Kit*	UOX900001	UOX900002
Hinge Pad	UOX700091	UOX700011
Popliteal Pad	UOX700012	UOX700092
Popliteal Pad - Short	UOX700022	UOX700082
Sensil Strap Pad	UON0181	UON0182
Sensil Strap Pad - 10 Pieces	UOX700113	UOX700193
Smartdosing Dial	UOX1000001	UOX1000002
Strap Wrap Set	UOX700014	UOX700094

<sup>\*</sup> Includes 4 Alligator Clips: 2 DFS, 1 Thigh and 1 Calf

Other Replacement Parts and Accessories	Part#
Ease of Use Kit*	UOX800001
Flexion/Extension Stop Kit**	B-301040053
Flexion/Extension Stop Kit** - 5 Sets	B-301040055
Sundial	UOX1200001
Wash Bag	UON60200

<sup>\*</sup> Includes Sundial and 4 buckle finger-loops

<sup>\*\*</sup> Includes 0°, 5°, 10°, 15°, 30° Extension Stops, 90° Flexion Stop

Sleeves	Black - Össur One*	Black - Sleeve with Mesh**	Black - Össur Knee Undersleeve***
XXS	OSO60021	NA	NA
XS	OSO60022	SLV60011	B-250150101
S	OSO60023	SLV60012	B-250150102
М	OSO60024	SLV60013	B-250150103
L	OSO60025	SLV60014	B-250150104
XL	OSO60026	SLV60015	B-250150105
XXL	OSO60027	SLV60016	B-250150106



### **Clinical Tips**

Custom knee braces are recommended for asymmetrical knees. If skin irritation develops during initial acclimitisation, this can be minimised by gradually building up the wearing time starting at 2 - 3 hours per day in the first week and building up by 2 hours each week. Applying a pH neutral, water-based moisturiser to the leg and daily cleaning of the silicone liners with a damp cloth are also advised.

Want to measure your patient for a custom Unloader One X? Download the SmartMeasure App from the Apple Store for your iOS compatible device or utilise our Digital Measuring System.

For more information see order forms on www.ossur.com.au

N.B. Please refer to product disclaimer on page 83.



<sup>\*</sup> Össur One: 51% TencelTM/30% Polyamide/19% Elastane

<sup>\*\*</sup>Sleeve with Mesh: Main fabric: 92% Cotton/8% Spandex - Mesh: 100% Polyester - Band: 80% Polyester/20% Spandex \*\*\*Össur Knee Undersleeve: 80% Nylon/20% Spandex

## UNI CADER ONE®

Unloader One is designed to relieve osteoarthritis knee pain and wearing it may help improve mobility. It features Össur's unique, patented 3-point Leverage System, which combines a single hinge with dual Dynamic Force System™ straps to provide unloading of the knee joint. Clinical studies demonstrate that this system may relieve osteoarthritis knee pain and improve function and quality of life while being worn.

Color-coded Quick Fit buckles make donning and doffing simple, while flexible shells and breathable liners are designed to improve comfort and reduce migration, thus helping to ensure compliance.

### **Indications**

- Moderate to severe unicompartmental knee osteoarthritis
- Degenerative meniscal tears
- Other knee conditions that may benefit from unicompartmental unloading

### Features & Benefits

- Dual Dynamic Force Straps designed to reduce pressure on sensitive bony surfaces of the knee, resulting in reduction of pain
- Tool-free SmartDosing dial enables fine-tuned pain management and can be adjusted even when wearing the brace under clothing
- Tool-free polycentric hinge with optional ROM stops for range-ofmotion restriction
- Colour coded quick fit buckles enable easy application and removal
- Proprietary Sensil® silicone liners designed to reduce migration
- Flexible, low-profile upright contours to patient anatomy and allows use underneath clothing
- Quick Connect Strapping for tool-free removal and replacement
- Lightweight frame is perforated for flexibility and ventilation with custom paint options for the Custom version
- Unloader One is available in pre-fabricated and Custom version









- 1. Is the brace for a left or right leg?
- 2. Which compartment of the knee do you want to unload? (Brace hinge is on the side of the affected compartment).
- 3. What is the patient's calf circumference?

Need help with ordering? Phone 1300 123 268

N.B. Please refer to product disclaimer on page 83.

30 Day Patient Satisfaction Guarantee

N.B. Please refer to product disclaimer on page 83.

## UNLOADER ONE®

Unloader One Brace Length: 39.5cm for the standard version and 37cm for the short version. Unloader One Height Cut Off: The standard version is recommended for patients over 16ocm and the short version is recommended for patients 16ocm and below.

## **Unloader One Standard Sizing Chart**

Size	Measurements*	Left Medial #	Right Medial	Left Lateral	Right Lateral
Small	25 - 35.5cm	B-240618712	B-240518712	B-240628712	B-240528712
Medium	35.5 - 42.5cm	B-240618713	B-240518713	B-240628713	B-240528713
Large	42.5 - 51cm	B-240618714	B-240518714	B-240628714	B-240528714
X-Large	51 - 61.5cm	B-240618715	B-240518715	B-240628715	B-240528715

<sup>\*</sup> Circumference measurement: 15cm below mid-patella. Select smaller size if between measurements. Plus sized model available for larger legs.

## **Unloader One Short Sizing Chart**

Size	Measurements*	Left Medial #	Right Medial	Left Lateral	Right Lateral
Small	31 - 36cm	B-241618712	B-241518712	B-241628712	B-241528712
Medium	36 - 43cm	B-241618713	B-241518713	B-241628713	B-241528713
Large	43 - 51cm	B-241618714	B-241518714	B-241628714	B-241528714
X-Large	51 - 61cm	B-241618715	B-241518715	B-241628715	B-241528715

<sup>\*</sup> Circumference measurement: 15cm below mid-patella. Select smaller size if between measurements.

#### Accessories

Part #	Description	Size
B-705270003	Replacement strap set	Universal
Phone for code	Antimigration calf liner	As per brace size
Phone for code	Replacement calf & thigh liners	As per brace size
B-301040053	Flexion/Extension Stop Kit	Universal
B-301040055	Flexion/Extension Stop Kit - 5	Universal
B-301060133	Keyhole Caps Kit Black – 5 Kit	Universal
B-301060132	Keyhole Caps Kit Grey - 5 Kit	Universal
B-304010105	Popliteal Pad Black - Short	Universal
B-304010107	Popliteal Pad Black - Long	Universal
B-304010106	Popliteal Pad Grey - Short	Universal
B-304010108	Popliteal Pad Grey - Long	Universal

### **Knee Brace Undersleeves**

Breathable fabric with 80% nylon 20% spandex.

Part #	Size	Measurement*
B-250150201	X-Small	30.5 - 38cm
B-250150202	Small	38 - 45.5cm
B-250150203	Medium	45.5 - 56cm
B-250150204	Large	56 - 66cm
B-250150205	XLarge	66 - 73.5cm
B-250150206	2XLarge	73.5 - 84cm



Custom knee braces are recommended for asymmetrical knees.

If skin irritation develops during initial acclimitisation, this can be minimised by gradually building up the wearing time starting at 2 - 3 hours per day in the first week and building up by 2 hours each week. Applying a pH neutral, waterbased moisturiser to the leg and daily cleaning of the silicone liners with a damp cloth are also advised.

Does your patient have a conical shaped leg with little calf definition? Suspension could be an issue. The AMS calf wrap is an additional option that wraps around the upper calf aiding suspension.

More accessories available at: Ossur.com/en-au/bracing-and-supports/knee/unloader-one



**Clinical Tips** 

<sup>\*</sup> Circumference measurement: 15cm above mid-patella.

## UNLOADER ONE®



## Smart Measure®

A digital measuring system for custom knee braces on the iPhone or iPad. The most intuitive, efficient and accurate way to measure for any Össur custom knee brace. Utilises a section-based, step-by-step approach to guide you through the entire brace selection, measuring and order process.

Description	Part#
SmartMeasure Measuring Kit	CMS0000
Constant Force Caliper	B-312000000

Scans, CMS (CTI only), CCS and casting also accepted. Knee M/L required

## **Unloader One Standard Sizing Chart**

#### **Unloader One Custom With Smartdosing**

Colour	Left	Right
Black	B-115600112	B-115500112
Grey	B-115601712	B-115501712

#### **Unloader One Custom**

Colour	Left	Right
Black	B-115600111	B-115500111
Grey	B-115601711	B-115501711

#### **Custom Standard Colours**



### **Custom Painted Designs**



No charge for custom standard colours. Additional fees required for other custom colours, custom painted designs and custom printed graphics.

## **Accessories**

#### Össur Knee Undersleeve

Size	Thigh Circumference	Grey	Black
X-Small	30.5 – 38 cm	B-250150201	B-250150101
Small	38 – 45.5 cm	B-250150202	B-250150102
Medium	45.5 – 56 cm	B-250150203	B-250150103
Large	56 – 66 cm	B-250150204	B-250150104
X-Large	66 – 73.5 cm	B-250150205	B-250150105
XX-Large	73.5 – 84 cm	B-250150206	B-250150106

When using an Össur Knee Undersleeve we advise using the suspension strap kit to minimize migration

#### **Sensil Liners**

		Calf		Thigh	
Size	Colour	Right medial/Left lateral	Right lateral/Left medial	Right medial/Left lateral	Right lateral/Left medial
X-Small	Grey	B-419700311	B-419800311	B-409700321	B-409800321
Small	Grey	B-419700312	B-419800312	B-409700322	B-409800322
Medium	Grey	B-419700313	B-419800313	B-409700323	B-409800323
Large	Grey	B-419700314	B-419800314	B-409700324	B-409800324
X-Large	Grey	B-419700315	B-419800315	B-409700325	B-409800325
X-Small	Black	B-419700111	B-419800111	B-409700121	B-409800121
Small	Black	B-419700112	B-419800112	B-409700122	B-409800122
Medium	Black	B-419700113	B-419800113	B-409700123	B-409800123
Large	Black	B-419700114	B-419800114	B-409700124	B-409800124
X-Large	Black	B-419700115	B-419800115	B-409700125	B-409800125

## UNLOADER ONE®

### **Doeskin Liners**

		Calf		Thigh	
Size	Colour	Right medial/Left lateral	Right lateral/Left medial	Right medial/Left lateral	Right lateral/Left medial
X-Small	Grey	B-424703721	B-424803721	B-412701721	B-412801721
Small	Grey	B-424703722	B-424803722	B-412701722	B-412801722
Medium	Grey	B-424703723	B-424803723	B-412701723	B-412801723
Large	Grey	B-424703724	B-424803724	B-412701724	B-412801724
X-Large	Grey	B-424703725	B-424803725	B-412701725	B-412801725
X-Small	Black	B-424702121	B-424802121	B-412700121	B-412800121
Small	Black	B-424702122	B-424802122	B-412700122	B-412800122
Medium	Black	B-424702123	B-424802123	B-412700123	B-412800123
Large	Black	B-424702124	B-424802124	B-412700124	B-412800124
X-Large	Black	B-424702125	B-424802125	B-412700125	B-412800125

When using a doeskin calf liner we advise using a suspension strap kit to minimize migration. For replacement liners, please contact Customer Service.

### Sensil AMS (Anti-Migration System) Wraps

	Grey	Grey		Black	
Size	Right medial/Left lateral	Right lateral/Left medial	Right medial/Left lateral	Right lateral/Left medial	
X-Small	B-715217031	B-715218031	B-715217011	B-715218011	
Small	B-715217032	B-715218032	B-715217012	B-715218012	
Medium	B-715217033	B-715218033	B-715217013	B-715218013	
Large	B-715217034	B-715218034	B-715217014	B-715218014	
X-Large	B-715217035	B-715218035	B-715217015	B-715218015	

### **Suspension Strap Kit**

Description	Grey	Black
Suspension Strap Kit	UNL00212	UNL00211

## **SmartDosing Accessory Kits**

Description	Grey RM/LL	Grey RL/LM	Black RM/LL	Black RL/LM
SmartDosing Strap & Strap Pad & Buckle Clasp Kit	B-705277003	B-705278003	B-705277001	B-705278001
Strap & Strap Pad Kit	B-705270003		B-705270001	
Strap Kit	B-701270013		B-701270011	

### **Ratchet Accessory Kits**

Description	Grey RM/LL	Grey RL/LM	Black RM/LL	Black RL/LM
Strap & Strap Pad & Buckle Clasp Kit	B-701217008 B-701218008		B-701217009	B-701218009
Strap & Strap Pad Kit	B-701210006		B-701210007	
Strap Kit	B-701210004		B-701210005	
Pad Kit	B-702210003		B-702210001	
Ratchet Complete Strap Set	B-701210004			

## **Accessory Kits**

Description	Grey RM/LL	Grey RL/LM	Black RM/LL	Black RL/LM
Buckle Clasp Kit	B-708217003	B-708218003	B-708217001	B-708218001
Alligator Clip Kit (included in all strap kits)	B-704210003		B-704210001	
Alligator Tab	B-310005334		B-31005335	
Extension Stop Kit	B-301040046		B-301040047	
Velcro Twist-Fit Attachment Kit	B-721240003		B-721240001	



## Rebound® Dual

The Rebound DUAL offers simplicity without compromise. With its malleable yet supportive frame, Rebound DUAL is the go-to for knee ligament support.

### **Indications**

- The brace is indicated for combined and non-combined instabilities of the:
  - Anterior cruciate ligament (ACL)
  - Medial collateral ligament (MCL)
  - Lateral collateral ligament (LCL)
  - Posterior cruciate ligament (PCL)
- Acculign version only: Conditions requiring unicompartmental load control.

### Features & Benefits

- Cold-malleable aluminum frame, trimmable straps, and fieldserviceable D-rings accommodate various patient anatomies
- Acculign™ upper frame allows height and varus/valgus adjustment
- Polycentric hinge with ROM stop options for range-of-motion restriction
- Össur Hinge Alignment Guide, Blue is You<sup>™</sup> touch points, and tactile numbered strap tabs guide the fitting process
- Optional SmartDosing® Kit accessory offers fine-tuned unicompartmental offloading
- Optional PCL Kit accessory for multi-ligament support









#### **Custom Paint Colours:**

Black (default)

Electric blue

Metallic silver

White

Red

#### **Custom Liner Colours:**

Metallic Silver (default)

Electric blue

Yellow

Purple

Black

Ready to Fit Model Available in Black Frame With Black Liner Only.





## Rebound® Dual

## Ordering Information - Ready to Fit Model

Part #	Lan	C:	Measuring	
Part #	Leg	Size	Caliper*	Circumference**
B-242510001	Right	XS	7.6 - 8.9cm	38.1 - 41.9cm
B-242510002	Right	Small	8.9 - 10.2cm	41.9 - 47cm
B-242510003	Right	Medium	10.2 - 11.4cm	47 - 52.1cm
B-242510004	Right	Large	11.4 - 12.7cm	52.1 - 57.2cm
B-242510005	Right	X-Large	12.7 - 14cm	57.2 - 62.2cm
B-242510006	Right	XX-Large	14 - 15.2cm	62.2 - 69.9cm
B-242510007	Right	XXX-Large	15.2 - 16.5 cm	69.9 - 76cm
B-242610001	Left	XS	7.6 - 8.9cm	38.1 - 41.9cm
B-242610002	Left	Small	8.9 - 10.2cm	41.9 - 47cm
B-242610003	Left	Medium	10.2 - 11.4cm	47 - 52.1cm
B-242610004	Left	Large	11.4 - 12.7cm	52.1 - 57.2cm
B-242610005	Left	X-Large	12.7 - 14cm	57.2 - 62.2cm
B-242610006	Left	XX-Large	14 - 15.2cm	62.2 - 69.9cm
B-242610007	Left	XXX-Large	15.2 - 16.5 cm	69.9 - 76cm

<sup>\*</sup> Caliper measurement: M/L at joint width in a standard, weight-bearing position

## **Ordering Information - Accessories**

Part #	Measuring
B-155X10001	SmartMeasure App
B-701090060	SmartDosing Kit RM/LL
B-701090061	SmartDosing Kit RL/LM
B-701090088	ROM Kit. Flexion/Extension Stop Set - Tool-Free Hinge

Part #

B-701090059

B-701090001

### Rebound Dual Custom - Measurement Chart

Rebound DUAL Custom can be manufactured between one shape difference for thigh, calf and M/L.

Shape	M/L (cm)	* Calf (cm)	
	Mix/ Max	Min	Max
А	7.5 - 9	27	29
В	9 - 10	29	34
С	10 - 11.5	34	39
D	11.5 - 13	39	45
Е	13 - 14	45	50
F	14 - 15	50	54
G	15 - 17	54	60

Shape	M/L (cm)	Thigh (cm)	
	Mix/ Max	Min	Max
А	7.5 - 9	38	42
В	9 - 10	42	47
С	10 - 11.5	47	52
D	11.5 - 13	52	57
Е	13 - 14	57	62
F	14 - 15	62	70
G	15 - 17	70	76

Measuring

D-Ring Kit
Tibial Wedge Kit

More accessories available at: Ossur.com/en-au/bracing-and-supports/knee/rebound-dual



<sup>\*\*</sup> Thigh circumference 15cm above mid-patella

<sup>\*</sup> Flexion Stops: 0, 10, 20, 30, 45, 60, 75, 90

<sup>\*\*</sup> Extension Stops: 0, 5, 10, 20, 30, 45

## CTi® OA & Ligament Brace

For nearly 25 years, CTi® has set the standard for custom ligament bracing. Add varus or valgus correction to this classic and you have an excellent, dual-hinged hybrid OA and ligament knee brace for your more active patients. New improvements include proprietary Sensil® padding, a flexible lower medial cuff for greater protection against rotational forces and skin-friendly SensEdge overmolding on injection-moulded parts to avoid pressure points.

### **Indications**

- For knee conditions that may benefit from increased AP and ML stability around the knee, such as: ACL, MCL, LCL, PCL, rotary and combined instabilities.
- Also treats mild to severe unicompartmental osteoarthritis.

### Features & Benefits

- Reversible field-serviceable D-rings and trimmable straps facilitate fast adjustments and customised fit.
- Non-corrosive materials, ideal for water sports.
- Anatomically-correct Accutrac<sup>®</sup> hinges with extension stops.
- Proprietary Sensil® silicone liners designed to reduce migration.



# LOOKING FOR A CUSTOM SOLUTION?

Please call prior to ordering to speak with one of our Clinical Product Specialists.

CALL 1300 123 268

## **Product Highlights**



Accutrac® ROM hinges



Proprietary Sensil® padding

## **Ordering Information**

Part #	Leg	Description
B-116530010	Right	CTI OA - Standard Carbon Frame
B-116630010	Left	CTI OA - Standard Carbon Frame
B-117530010	Right	CTI OA - Thicker Carbon Frame
B-117630010	Left	CTI OA - Thicker Carbon Frame
B-118530010	Right	CTI OA - Thinner Carbon Frame
B-118630010	Left	CTI OA - Thinner Carbon Frame

#### **Clinical Tip**

Take image in uncorrected position and specify the angle of correction you want built into the brace. When manufactured a standard correction of 3-4 degrees is built into the brace. You can request more or less correction according to your measurements.

For further information regarding custom brace measurements, Refer to page 70

## Unloader XT®

Few products have impacted an industry like Unloader XT®, which was developed by GII® and made the Unloader brand synonymous with osteoarthritis knee bracing. Multiple, peer-reviewed clinical and biomechanical studies have investigated the efficacy of this technology, while the brace is being worn. A wide, elastic thigh strap makes application easy and helps contain soft tissue.

## **Indications**

- Mild to severe unicompartmental osteoarthritis
- Unicompartmental knee conditions requiring load reduction, such as Articular Cartilage Defect Repair, Meniscal Cartilage Repair, Avascular Necrosis, or Tibia Plateau Fracture
- Disproportionate thigh-to-calf girth, abnormal limb contour, thin skin, minimal muscle mass and/or mild cognitive deficiency
- Moderate to demanding activities of daily living

### **Features & Benefits**

- Flexion and extension stops for ROM control
- Washable doeskin liners wick moisture and keep leg
  cool
- Optional Ultra-Grip<sup>™</sup> Liners for improved suspension

## **Ordering Information**

Part #	Leg	Measurement
B-102500020	Right	Smart Measure App, Cast mould, DMS**
B-102600020	Left	Smart Measure App, Cast mould, DMS**

<sup>\*\*</sup> DMS - Digital Measuring System

### **Clinical Tip**

Synthetic casts are preferred for impression casts. They can be applied anywhere, are thin and easy to remove but are strong and transport well.

See page 151 for cast tape details.





## **Product Highlights**



SmartDosing<sup>™</sup> Dial



The single upright on the affected side combines with the Dynamic Force Strap to create a 3-point Leverage System.



Adjustable Dynamic Joint™ (ADJ) allows the clinician to easily control the varus or valgus force for optimal pain management.



Carbon Triax shells provide rigidity for better application of corrective forces.

## Formfit® Pro Knee OA

Össur Formfit® Pro Knee OA is a unique, compressive knee sleeve with a Dynamic Force Strap system, designed to provide pain relief from the early stages of osteoarthritis (OA). The dynamic, 3D MotionTech™ knit is supportive and meets certified medical grade compression requirements, and has been proven to be superior to the leading brands at moisture wicking and breathability, keeping your knee cool during wear. CoolVent™ technology in the popliteal area enhances breathability and comfort, while the distinct patella graphics help with intuitive placing of the sleeve. The integrated StayBilizer™ hinge, constructed from lightweight, flexible EVA material, is suitable for sports, such as football.











### **Indications**

- For osteoarthritis and other knee conditions which may benefit from unloading and/or compression, such as:
- Medial or lateral knee pain
- Early or mild unicompartmental osteoarthritis of the knee
- Symptomatic, unicompartmental meniscus degeneration

### **Features & Benefits**

- Patented DFS system.
- Certified medical grade compression (20-30 mmHg).
- Lightweight CoolVent<sup>™</sup> knit in popliteal area for added breathability and comfort.
- Patented FoldLock<sup>™</sup> system for easier and more secure application.
- Sports-compatible StayBilizer™ hinge made from light, flexible EVA material for optimum shape and fit.
- Patella graphics for intuitive placement.

## **Ordering Information**

Right Medial, Left Lateral	Right Lateral, Left Medial	Size	Calf Circ.*	Thigh Circ.**
FP110401	FP110301	X-Small	26 - 31 cm	36 - 41 cm
FP110402	FP110302	Small	31 - 36 cm	41 - 46 cm
FP110403	FP110303	Medium	36 - 41 cm	46 - 51 cm
FP110404	FP110304	Large	41 - 46 cm	51 - 56 cm
FP110405	FP110305	X-Large	46 - 50 cm	56 - 60 cm

<sup>\*</sup> Measure calf circumference 15 cm below mid-patella.

<sup>\*\*</sup> Measure thigh circumference 15 cm above mid-patella

## Formfit® OA Ease

The Formfit OA Ease is a single upright brace with a Dynamic Force System™ strap that may help relieve pain from mild-to-moderate unicompartmental knee osteoarthritis (OA). Its wraparound design is easy to apply and remove using simple rubber pull-tabs, colour-coded guide dots, and strap tension indicator lines. This low-profile knee brace is comfortable, easy to use, and adapts to a variety of leg anatomies. The Formfit OA Ease can also be machine washed for effortless care.

### **Indications**

- Unicompartmental osteoarthritis of the knee
- Other conditions that may benefit from unicompartmental unloading, such as degenerative meniscus

### Features & Benefits

- Easy Wraparound Design Simple rubber pull-tabs, colourcoded guide dots and a convenient hinge alignment guide make application and removal simple
- 3-Point Leverage System with Dynamic Force System™ strap and shells unload the affected knee compartment
- Stretchy, lightweight, and breathable fabric feels great against the skin and can be machine washed for effortless care
- Tool-free polycentric hinge with available ROM stop options for range-of-motion restriction
- Fine-tune strap tension for custom pain relief with marked dosing indicator lines
- Extension kits are available to further enhance fit and comfort







## Formfit® OA Ease

## **Ordering Information**

Size	Calf Circ. 15 cm Below Mid Patella	Thigh Circ. 15 cm Above Mid Patella	Right Medial	Left Medial	Right Lateral	Left Lateral
XS	28 - 32 cm	36 - 41 cm	FOA0518711	FOA0618711	FOA0528711	FOA0628711
S	32 - 36 cm	41 - 46 cm	FOA0518712	FOA0618712	FOA0528712	FOA0628712
М	36 - 41 cm	46 - 53 cm	FOA0518713	FOA0618713	FOA0528713	FOA0628713
L	41 - 46 cm	53 - 60 cm	FOA0518714	FOA0618714	FOA0528714	FOA0628714
XL	46 - 51 cm	60 - 67 cm	FOA0518715	FOA0618715	FOA0528715	FOA0628715
XXL	51 - 56 cm	67 - 75 cm	FOA0518716	FOA0618716	FOA0528716	FOA0628716
XXXL	56 - 61 cm	75 - 81 cm	FOA0518717	FOA0618717	FOA0528717	FOA0628717

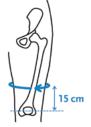
## **Accessories**

Description	Part #
Small Extension Kit 2 Pieces	FOA000301
Small Extension Kit 10 Pieces	FOA000302
Large Extension Kit XS-SM (Right Medial/Left Lateral)	FOA000401
Large Extension Kit MD-LG (Right Medial/Left Lateral)	FOA000402
Large Extension Kit XL-XXXL (Right Medial/wLeft Lateral)	FOA000403
Large Extension Kit XS-SM (Right Lateral/Left Medial)	FOA000404
Large Extension Kit MD-LG (Right Lateral/Left Medial)	FOA000405
Large Extension Kit XL-XXXL (Right Lateral/Left Medial)	FOA000406
Wash Bag	WB000001
Suspension Strap	OAW00007
Flexion/Extension Stop Kit	B-301040047

## **Required Measurements**



Measure calf circumference 15 cm below mid-patella. Leg in extension.



Measure thigh circumference 15 cm above mid-patella. Leg in extension.



# **Hip Injury Solutions**



Rebound® Hip PAGE 106



Unloader® Hip PAGE 107



Pavlik Harness PAGE 108

For information on hip anatomy and pathologies, please visit <a href="https://bit.ly/hip\_anatomy">https://bit.ly/hip\_anatomy</a>

Our hip range has been specifically selected to offer low profile patient friendly options. Would you like to learn more about hip brace prescription options? Phone our expert clinical support team on 1300 123 268 for assistance with product selection and wearing regime advice.



## Rebound® Hip

Össur's Rebound Hip brace has a low-profile, lightweight design that supports patient comfort and compliance. It delivers gentle controlling forces and effective functional ROM restriction in extension/flexion and abduction/adduction to promote optimal post-surgical outcomes. The universal frame and softgood is easy to stock, assemble and quickly fit on patients.

### **Indications For Use**

Hip conditions that could benefit from motion restriction such as:

- Postoperative after (total) hip arthroplasty
- Postoperative after revision of (total) hip arthroplasty
- Postoperative hip arthroscopy
- Post-op following FAI arthroscopic surgery
- Post-op following gluteus medius repair surgery
- Post-op following hamstring repair surgery
- Inoperable hip abnormalities
- Preventively when there is risk of hip dislocation
- Conventional treatment after dislocation/reduction

### **Features And Benefits**

- Low-profile, lightweight design that supports patient
- Quick-release pegs easily adjust the desired range-of-motion needed for the patient's optimal rehab
- Quick-fit with sliding mechanism on frame to adjust for patient's height
- Adjustable ROM hinge enables adduction/abduction from 0° to 10°, 20° or 30°
- Simple fastening design for easy user application
- Frame is reversible for L & R, facilitating minimal stock requirements in clinic
- Adjustable 45° and 90° flexion stops

### **Required Measurements**

- Frame: Universal;
- Softgood: Universal fiting to 122cm hip circumference

## **Ordering Information**

Left #	Right #	Description
980120RB	980125RB	Rebound Hip with adjustable hinge

### **Accessories**

Part #	Description
980301	OR Kit
RHK-100024	Rotation Strap
980121RB	Belt extender (122 - 170cm hip circumference)



## UNLCADER® HIP

Unloader Hip is designed to reduce pain by optimizing load dispersion for patients suffering from mild and moderate osteoarthritis of the hip, thus contributing to hip stability and improved mobility.

### **Indications For Use**

Conditions benefitting from hip repositioning and/or compression around the greater trochanters, this may include;

- Hip osteoarthritis (OA)
- Femoroacetabular impingement (FAI)
- Labrum tears

### **Features And Benefits**

- Dynamic Rotation Straps™ with SmartDosing® dial allows individual adjustment of hip abduction and the external rotation force, resulting in improved mobility for users.
- Easy donning and doffing thanks to pocket wrap closure system and zipper.
- Premium quality lycra for breathability and a snug fit.
- Pocket wrap closure system and simple-to-tighten pulley system makes it easy to use and adjust.
- Improves quality of life and decreases hip symptoms for patients with FAI or labrum tears.





Unloader Hip Fitting Video



## **Ordering Information**

Womens #	Mens #	Size	Measurements *
B-465350030	B-465350031	Small	80 - 88cm
B-465350032	B-465350033	Medium	88 - 96cm
B-465350034	B-465350035	Large	96 - 104cm
B-465350036	B-465350037	XLarge	104 - 114cm
B-465350038	B-465350039	XXLarge	114 - 124cm



## **Accessories/Options**

#### **Replacement Trousers**

Womens #	Mens #	Size	Measurements
B-465350077	B-465350078	Small	80 - 88cm
B-465350079	B-465350080	Medium	88 - 96cm
B-465350081	B-465350082	Large	96 - 104cm
B-465350083	B-465350084	X-Large	104 - 114cm
B-465350085	B-465350086	XX-Large	114 - 124cm



#### **Hip Kits**

Part #	Size	Description
B-465350064	Universal	Rotation strap
WB000001	Universal	Washbag
B-465350066	Universal	Trochanter pad
B-465350067	Small	Thigh strap
B-465350068	Medium	Thigh strap
B-465350069	Large	Thigh strap
B-465350070	X-Large	Thigh strap
B-465350071	XX-Large	Thigh strap
B-465350072	Small	Bilateral kit*
B-465350073	Medium	Bilateral kit*
B-465350074	Large	Bilateral kit*
B-465350075	X-Large	Bilateral kit*
B-465350076	XXLarge	Bilateral kit*
B-112600020	Universal	Unloader Hip front closure

<sup>\*</sup>The bilateral kit consists of a rotation control strap, a thigh strap and a trochanter pad



<sup>\*</sup>Measure the hip circumference at the anterior superior iliac spine.

## **Pavlik Harness**

The Pavlik Harness is design for the treatment of Developmental Hip Dysplasia (D.D.H.). It holds legs in the "Frog" position while allowing hip movement.

## **Features & Benefits**

- Well padded
- No metal buckles
- No latex
- Quality hook and loop closures
- Easily changed from closed to open toe
- Holds legs in "Frog" position while allowing hip movement



## **Ordering Information**

Part#	Size	Chest Circumference	Age
OSPH110	XS	30.5 - 35.6cm	Premature
OSPH111	S	35.6 - 41.9cm	0 - 3 months
OSPH112	M	41.9 - 47.0cm	3 - 6 months
OSPH113	L	47.0 - 54.6cm	6 - 9 months

### **Clinical Tip**

Due to the large variability in babies size vs age, the chest circumference measurement provides a superior guide to the correct size rather than the age.



# **Wrist/Thumb Injury Solutions**



Exoform® Wrist
PAGE 111



Exoform® Carpal Tunnel
Wrist (Exolite)
PAGE 111



Formfit® Pro Wrist
PAGE 112



Formfit® 10"
Wrist / Forearm Brace
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Formfit®
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Universal Thumb Splint
PAGE 114



Formfit® Universal Paediatric
Wrist Brace
PAGE 115



Formfit® Universal Paediatric
Wrist Brace with thumb
PAGE 115

Providing maximum support and comfort our wrist and hand range features high quality, cost effective bracing solutions for your patients. The upper limb range also features a range of shoulder and elbow immobilisers for both post-op and rehabilitation use.

# **Exoform®** Wrist

#### **Indications**

For conditions that may benefit from restricting motion of the wrist, such as;

- Mild to moderate sprains and strains
- Carpal Tunnel syndrome
- Tendonitis
- Arthritis
- Post cast healing injuries
- Bursitis
- Other Selected soft tissue injuries

### **Features & Benefits**

- Ergonomically contoured padding on the inside of the brace provides the best fit and most comfort
- Rigid plastic supports contour to the hand and wrist at the top and bottom leading to greater support and immobilisation
- Adjustable aluminum palmar stay allows for fine-tuning when needed





### **Ordering Information**

Left #	Right #	Size	Wrist Circ.*
507082-R2	507072-R2	XSmall	13 - 16cm
507083-R2	507073-R2	Small	16 - 18cm
507085-R2	507075-R2	Medium	18 - 20cm
507087-R2	507077-R2	Large	20 - 23cm
507088-R2	507078-R2	XLarge	23 - 25cm

<sup>\*</sup> Measure wrist circumference at styloid

### **Clinical Tip**

The plastic reinforcing on the palmar bar makes this brace very durable and an excellent choice for manual workers or long term wearers. Cut the straps at an angle to aid one-handed application.

# **Exoform® Carpal Tunnel Wrist (Exolite)**

#### **Indications**

- Carpal Tunnel Syndrome
- Tendonitis

#### **Features & Benefits**

- Lightweight low profile design
- More room at base of the thumb, palmar crease and 5th MP for full MP flexion
- Designed to provide smooth controlled resistance to extreme range of motion
- Preshaped into a neutral position for comfortable limited motion/flexibility
- Provides radial and ulnar styloid relief
- "Soft touch" web space is cushioned and 40% thinner than other brands
- Interior is 3-dimensionally molded to enhance comfort





Left #	Right #	Size	Wrist Circ.*	Palm *
517083-R2	517073-R2	Small	13 - 16.5cm	17 - 20cm
517085-R2	517075-R2	Medium	16.5 - 20cm	20 - 23cm
517087-R2	517077-R2	Large	20 - 25cm	23 - 27cm

<sup>\*</sup> Measure wrist and palm circumference

# Formfit® Pro Wrist

Össur Formfit Pro Wrist is constructed using our superior signature 3D MotionTech knit, and ideal for injuries that may benefit from compression. Malleable aluminium stays can be adjusted to conform to an individual's anatomy. CoolVent™ technology in the basal thumb area enhances breathability and comfort.









FoldLock<sup>1</sup>



For wrist conditions that may benefit from compression, such as:

- Rheumatic Arthritis (RA) and other chronic pain conditions
- Wrist sprain and strains
- Overuse and pain conditions
- Wrist tendinitis

### Features & Benefits

- MotionTech™ for compression and dynamic fit
- Malleable aluminum stay for a customized fit.
- CoolVent™ technology in thumb base area for extra breathability and comfort.

Left Part#	Right Part#-	Size	Wrist Circ. *
FP400201	FP400101	Xsmall	14 - 15 cm
FP400202	FP400102	Small	15 - 16 cm
FP400203	FP400103	Medium	16 - 17 cm
FP400204	FP400104	Large	17 - 18 cm
FP400205	FP400105	XLarge	18 - 19 cm
FP400206	FP400106	XXLarge	19 - 20 cm

<sup>\*</sup> Measure wrist circumference at styloid



# Formfit® 10" Wrist / Forearm Brace

### **Indications**

For conditions that may benefit from restricting motion of the wrist, such as;

- Mild to moderate sprains and strains
- Tendonitis
- Post-cast healing
- Other selected soft tissue injuries

### **Features & Benefits**

- 25cm (10") length for increased support
- Velcro straps with loop lock closures
- Comfortable fit with excellent support
- Contoured below palmar crease to allow 90° M.P. flexion
- Paediatric options available



Left Part#	Right Part#	Size	Wrist Circ. *
617082	617072	Xsmall	13.3 - 15.8cm
617083	617073	Small	15.8 - 18.4cm
617085	617075	Medium	18.4 - 20.3cm
617087	617077	Large	20.3 - 22.8cm
617088	617078	XLarge	22.8 - 25.4cm

<sup>\*</sup> Measure wrist circumference at styloid

# Formfit® Thumb Spica

### **Indications**

For conditions that may benefit from restricting motion of the wrist and thumb such as:

- Mild to moderate sprains and strains
- Tendonitis
- Post-cast healing
- Other selected soft tissue injuries.
- Gamekeeper's Thumb
- DeQuervain's Tendonitis
- Selected scaphoid injuries

### **Selected Scaphoid Injuries**

- Breathable material
- Contour fit
- Contact Closure Straps
- Customisable Stays

### **Ordering Information**

Left Part#	Right Part#.	Size	Wrist Circ. *
3020	3120	XSmall	13.3 - 15.8cm
3030	3130	Small	15.8 - 18.4cm
3050	3150	Medium	18.4 - 20.3cm
3070	3170	Large	20.3 - 22.8cm
3080	3180	XLarge	22.8 - 25.4cm

<sup>\*</sup> Measure wrist circumference at styloid

# **Universal Thumb Splint**

Lightweight and breathable thumb splint with elastic contact closures.

#### **Indications**

- Gamekeeper's thumb
- Torn collateral ligaments
- DeQuervain Tendonitis

#### Features & Benefits

- Elastic contact closures
- Restricts movement of the MP/CMC
- Light weight and breathable

Part#	Description
30000	Universal





# Formfit® Universal Paediatric Wrist Brace

### **Indications**

For conditions that may benefit from restricting motion of the wrist and thumb such as:

- Mild to moderate sprains and strains
- Tendonitis
- Post-cast healing
- Other selected soft tissue injuries.
- Gamekeeper's Thumb
- DeQuervain's Tendonitis
- Selected scaphoid injuries

### **Features & Benefits**

- Breathable material
- Quick-Pull close strap
- Positional dorsal stay
- Malleable palmar stay



Part#	Description	Wrist Circ. *
B-252603300	Wrist Universal Ped Right	8.9 - 12.7cm
B-252603301	Wrist Universal Ped Left	8.9 - 12.7cm

<sup>\*</sup> Measure wrist circumference at styloid

### **Ordering Information - With Thumb**

Part#	Description	Wrist Circ. *
B-253603300	Wrist Universal Ped Right	8.9 - 12.7cm
B-253603301	Wrist Universal Ped Left	8.9 - 12.7cm

<sup>\*</sup> Measure wrist circumference at styloid







# **Elbow Injury Solutions**



Rebound® Post-Op Elbow
PAGE 118



EMO Elbow Management Orthosis PAGE 119



Formfit® Pro Elbow PAGE 120



Formfit®
Tennis Elbow Support
PAGE 121

We share our knowledge generously to ensure you are armed with the knowledge you need. When the right product and application can mean the difference between further injury or complete recovery, disability or a normal life, knowledge counts. With a firm focus on patient outcomes we are honest with our advice, suggesting products where they would be beneficial, or an alternative where ours is not the best option. Our clinicians are available to discuss your patients' needs - simply call us on 1300 123 268.

# Rebound® Post-Op Elbow Brace

The Rebound Post-Op Elbow brace by Össur combines intuitive features for fitters and users with a design that aims to improve the post-op experience. Combining a drop-lock hinge and four telescoping paddles, individual post-op protocols are easily catered to. The Rebound Post-Op Elbow, lightest of its kind, promotes user comfort with straps that stay in place, anatomical left/right fit with moldable stability cuffs, and blue patient touch-points for easy education.

#### **Indications**

Conditions requiring elbow immobilization and/or range of motion restriction. This may include:

- Stable fractures of the elbow, distal humerus, proximal radius or ulna
- · Tendon and ligament injuries or repairs
- Collateral ligament reconstructions
- Elbow hyperextension
- Triceps tendon repair
- Chronic elbow injuries
- Tennis elbow release

### Features & Benefits

- Designed to be the most lightweight brace on the market.
- Telescoping paddles relocate to individualize length and keep incision sites clear
- Easy education for users with intuitive patient touchpoints, including Blue is You<sup>™</sup> buckles and numbered strapping system.
- Drop-Lock hinge enables secure range-of-motion with bump-resistant pull adjustment stops and optional ROM lock-outs.
- Moldable stability cuffs designed to be individually customized for improved fit and support.
- Strap guides maintain strap location for added security and comfort.
- Universal size, left and right version.

### **Ordering Information**

Side	Part#
Left	B-8391680
Right	B-8391580

### **Accessory Part Kits**

Description	Part#
Elbow Wrist Control Kit	B-8390003
Elbow ROM Locks Kit	B-8390005

### **Replacement Part Kits**

•	
Description	Part#
Elbow Liner Kit	B-8390002
Elbow Sling Kit	B-8390004
Strap Tab Kit	B-8390006
Adhesive Hook Sticker Kit	B-8390007
Anti-Migraration Pad Kit	B-8390008
Elbow Strap Kit	B-8390009

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# **EMO – Elbow Management Orthosis**

The Elbow Management Orthosis (EMO) has a low profile design that enables a simple, fast fit. The new wrap-around closure and single dorsal upright eliminates medial upright impingement against the body or epicondylar region. Infinite static progressive ROM positioning from 0° to 110° provides flexibility and comfort. Designed for musculoskeletal/elbow joint injury immobilisation or used for positional purposes to offset or improve elbow joint ROM due to muscle tightness.

### **Indications**

- Static progressive stretching
- Musculoskeletal injury immobilisation
- Post Botox or serial cast management
- CVA, TBI, SCI, CP, and MS
- Radial head injury

#### **Features & Benefits**

- Low profile for appearance
- Simple fast fit designs
- NEW wrap-around closure with open cell material
- Infinite static-progressive ROM positioning from  $0^{\circ}$  to  $110^{\circ}$
- · No medial upright impingement
- More cost effective when compared to custom options



### **Ordering Information**

Part#	Description	Length Adjustment	Forearm Circ.	Bicep Circ.
1250EMO	Elbow Management Orthosis - Universal	26 - 31cm	21.5 - 51cm	21.5 - 51cm

#### **Clinical Tip**

To assist with reduction of flexion contractures, the EMO can be set at a greater extension position than the patient can achieve and the elbow "spider" straps tensioned to pull the elbow towards this position e.g. if the maximum extension ROM is 90°, lock the joint at 80° and use straps to dynamically pull the elbow towards this position.



# Formfit® Pro Elbow

Össur Formfit® Pro Elbow provides relief from elbow pain. This 3D compressive elbow sleeve is manufactured using our MotionTech™ technology and features two integrated epicondyle SmartPads™ for more targeted support and cushioning. The RadialStrap™ provides additional compression and support.









r™ CoolVent

FoldLocl

### **Indications**

For elbow conditions that may benefit from compression, such as:

- Medial and lateral epicondylitis
- · Elbow pain and swelling

### Features & Benefits

- 3D MotionTech™ for compression and dynamic fit
- Epicondyle SmartPads™ for targeted support and cushioning
- Patented FoldLock<sup>™</sup> system for easier and more secure application
- RadialStrap<sup>™</sup> for increased compression and support

Part #	Size	Elbow Circ.*
FP300001	X-Small	17 - 20 cm
FP300002	Small	20 - 23 cm
FP300003	Medium	23 - 26 cm
FP300004	Large	26 - 29 cm
FP300005	X-Large	29 - 32 cm

<sup>\*</sup> Measure arm circumference exactly at the elbow



# Formfit® Tennis Elbow Support

Ergonomic curve design and undulating twin cushion reduce traction and vibration transmitted to the tendons and provide counterforce reducing traction on the tendons. For everyday use during work and athletic activites.

### **Indications**

- Lateral epicondylitis (tennis elbow)
- Medial epicondylitis (golfer's elbow)

### Features & Benefits

- Adjustable strap
- Patented ergonomically-shaped plastic eliminates tourniquet effect associated with traditional designs.
- Twin blue cushions provide counterforce, reducing traction on the tendons and thus inflammation
- Ribbed surfaces reduce vibration to the tendon, increasing comfort
- Durable design and materials enable everyday use for both work and athletic activities

Part #	Size	Circumference *
B-247000002	Small	22 - 26.5cm
B-247000003	Medium	26.5 - 32.5cm
B-247000004	Large	32.5 - 38cm

<sup>\*</sup> Measure at greatest circumference of forearm





# Shoulder Immobilisers, Arm Slings & Clavicle Splints



Formfit® Shoulder Brace
PAGE 124



Shoulder Abduction Sling PAGE 125



Padded Shoulder Immobilizer PAGE 125



Humeral Cast Brace Kits
PAGE 126



Premium Contact Closure
Arm Sling
PAGE 126



Front Closure Clavicle Support PAGE 127

#### **We Offer Product Trials**

We understand that choosing the right device for your patient is not an easy decision. Wouldn't it be great to be able to try different sizes or trial different styles of brace in the clinic to see which one works best? We can help you! Simply order the products that you want to try and return the unwanted ones in re-saleable condition within 14 days for a full product credit.

# Formfit® Shoulder Brace

The Formfit Shoulder Brace is designed to provide immobilisation following shoulder injury/surgery. With its streamlined fit, sporty look and breathability it offers excellent comfort and ease of use.

Same as its predecessor, the SmartSling®, the Formfit Shoulder Brace also provides abduction of the shoulder (when the abduction pillow is attached), or external rotation of the shoulder (when the external rotation pillow is attached).

Optional axilla pillow helps distribute weight over a larger surface area and decreases pressure on the ulnar nerve.

#### **Indications**

- Immobilisation for rotator cuff repairs
- Bankart Repairs
- Capsular Shift
- Gleno humeral dislocation/subluxations

#### Features & Benefits

- Breathable material
- Quick-release buckles
- Offloading strap
- Extra padding
- Universal thumb loop

### **Ordering Information - Sling Only**

Part#	Size Fits Length *	
SSS-SO	Small	Up to 29 cm
SSR-SO	Medium	29 - 40 cm
SSL-SO	Large	40 - 44.5 cm

<sup>\*</sup> Measure from olecranon to end of closed fist.

### With Abduction

Part#	Size	Fits Length *
SSS	Small	Up to 29 cm
SSR	Medium	29 - 40 cm
SSL	Large	40 - 44.5 cm

<sup>\*</sup> Measure from olecranon to end of closed fist

#### Accessories

Part#	Description
SSAXP	Axilla Pillow
SSE	External Rotation Pillow









Axilla Pillow



External rotation pillow

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# **Shoulder Abduction Sling**

### **Indications**

For shoulder conditions that may benefit from shoulder immobilization and/or abduction, such as:

- Pre or post-operative
- Soft tissue repairs/strains
- Shoulder instabilities/injuries

#### Features & Benefits

- Provides shoulder abduction at 10° with support
- Pillow portion rests on waist to support weight of arm
- Snap-on sling design for easy application
- Easy strap length adjustability
- Breathable cotton provides a comfortable fit
- Fits left and right



### **Ordering Information**

Part#	Size	Fits Length *
204053	Small	Up to 31.7cm
204055	Medium	31.7 - 39.3cm
204057	Large	39.3cm - up

<sup>\*</sup> Measure elbow crease to fingertip

# **Padded Shoulder Immobilizer**

#### **Indications**

For shoulder conditions that may benefit from immobilizing the shoulder, such as:

- Pre or post-operative
- Soft tissue repairs/strains
- Shoulder instabilities/injuries

### **Features & Benefits**

- · Padded pressure sensitive straps improve comfort
- Waist strap is easily adjusted or can be removed
- Deep pocket design
- Two adjustment points for each strap allows for better fit
- Hook and loop closure make it easy to adjust

Part#	Size	Length	Height
204120	XSmall	27cm	19cm
204122	Small	34cm	19cm
204123	Medium	39cm	19cm
204125	Large	44.5cm	19cm
204127	XLarge	51cm	19cm



# **Humeral Cast Brace Kits**

### **Indications**

Humeral fractures

### **Features & Benefits**

- 2 part polyethylene shells allow for simple fitting and volume adjustment
- Shell extends over shoulder for additional support
- · Can be trimmed to desired shape using scissors
- · Universal fits left or right arm

### **Ordering Information**

Part#	Size	Measurements
OS510	Regular	21 - 32cm
OS511	Large	27 - 40cm

<sup>\*</sup> Bicep Circumference



# **Premium Contact Closure Arm Sling**

### **Features & Benefits**

- Envelope style with thumb support
- Individually boxed
- Includes double "D" ring and slide buckle adjustment
- Canvas Material

Part#	Size	Length	Depth	Strap
P204112	XSmall	30cm	10cm	71cm
P204113	Small	36cm	13cm	76cm
P204115	Medium	46cm	17cm	89cm
P204117	Large	48cm	17cm	97cm
P204118	XLarge	50cm	20cm	109cm



# **Front Closure Clavicle Support**

### **Indications**

For conditions that may benefit from pulling the shoulders back, such as:

- Clavicle fractures and dislocations
- Postural problems
- Selected soft tissue injuries

### Features & Benefits

- Features front closure design for convenience in application
- Comfortable padding over clavicle area

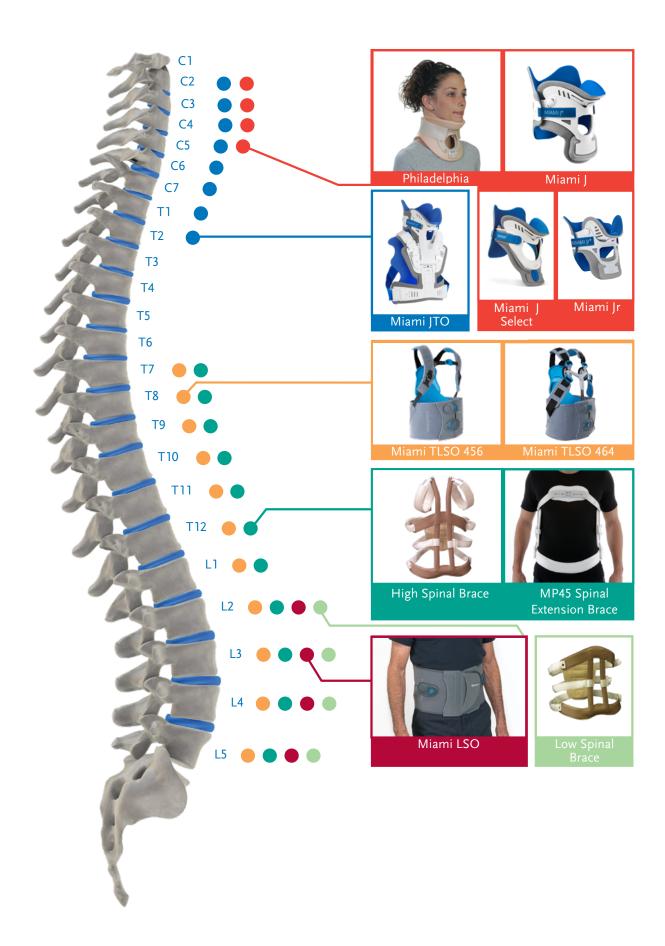
Part#	Size	Measurements
205032-R2	XSmall	50 - 60.9cm
205033-R2	Small	60.9 - 76.2cm
205035-R2	Medium	76.2 - 91.4cm
205037-R2	Large	91.4 - 106.6cm
205038-R2	XLarge	106.6 - 121.9cm
205039-R2	XXLarge	121.9 - 137.1cm

<sup>\*</sup> Measure the chest circumference at the sternum area





# **Spinal Brace Selection Chart**



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# **Neck / Cervical Injury Solutions**



Miami J® Select PAGE 131



Adult PAGE 132



Miami J® Cervical Collar Miami J® Cervical Collar **Paediatric** PAGE 132



Miami JTO® **Thoracic Extension** PAGE 134



Miami J® Occian Back PAGE 135



Occian® Jr Collar PAGE 135



Papoose® PAGE 136



Philadelphia® Adjustable Collar PAGE 136



**Philadelphia® Tracheotomy Collar** PAGE 137



Occian Airway Pad PAGE 138



Patriot® Collar **PAGE 138** 



Foam Cervical Collar **PAGE 139** 

For information on spinal anatomy and pathologies, please visit <a href="https://bit.ly/spinal\_anatomy">https://bit.ly/spinal\_anatomy</a>

# Miami J<sup>®</sup> Select

The Miami J Select cervical collar by Össur offers the widest range of height adjustability in the market with a single, universal design that replicates the comfort, immobilisation and quality you expect from a Miami J product. Featuring a proprietary, first-to-market locking mechanism to encourage patient compliance and antimicrobial Sorbatex padding, Miami J Select is designed to support successful patient outcomes.

### **Indications**

Situations requiring gross immobilisation of the cervical spine, these may include:

- Pre- and post c-spine surgery
- C-spine precaution for trauma patients

### **Features & Benefits**

- Easy height adjustability with a tamper-proof locking mechanism – 'Left to Lock'
- Anti-microbial & biocompatible Sorbatex<sup>™</sup> padding prevents bacterial build-up
- Universal design that doesn't compromise immobilisation or comfort
- 7 precise fitting sizes with opportunity to fine-tune
- Miami | inspired chin tray
- One-piece, anatomically inspired collar back with Flex Edge® designed to reduce occipital pressure
- Easy to don and doff with proprietary Reproducible Fit option.
- Intuitive blue Patient Touch-Points to send patients home with confidence – Blue is You™
- Simplified comfort adjustments with integrated and proprietary Sternal-Relief Dial.
- Large tracheal opening improved function for ICU patients
- Easy to clean and replace multi-coloured padding
- X-ray and CT lucent, MR-safe
- Compatible with Occian<sup>™</sup> Back & Miami<sup>®</sup> JTO accessories

# Compatible with Occian™

Ordering Information

Part #	Description	Size
MJSR-101	Miami J Select Collar Set*	Universal
MJS-101	Miami J Select Collar	Universal

<sup>\*</sup> Miami J Select Collar Set includes Miami J Select Collar and a set of replacement pads.

#### Accessories\*

Part #	Description
MJSP-101	Miami J Select Replacement Pads
MJST-101	Miami J Select Reproducible Fit Tabs (10 Pack)
ACB-100	Occian Back
MTR-900	Miami JTO Extension

<sup>\*</sup> All listed accessories are universal (one-size adjustable).

Competency courses available at www.ossur.com/en-au/professionals/education-and-support-bracing/bracing-product-courses



# Miami J<sup>®</sup> Cervical Collar

Known as the superior c-spine immobiliser through multiple independent studies, the Miami I Collar's patented design meets the specialised needs of all those afflicted with cervical injuries. The Miami J offers features that enhance compliance while ensuring immobilisation, inhibition of skin breakdown and patient comfort.

#### **Indications**

- C-Spine precaution for trauma patients
- Immobilisation for pre and post c-spine surgery
- Other conditions requiring gross immobilisation of the midcervical spine

### Features & Benefits

- Sorbatex<sup>™</sup> padding is antibacterial and clinically proven to inhibit microbial growth, which enhances comfort
- X-ray & CT Lucent. MRI Safe
- Bioengineered to minimise pressure points in key known areas: chin & occiput
- Ant/Post adjustment buttons allow customisation of chin and occipital areas, maximising comfort
- The sternal pad is removable when supine lying and swallowing

### **Required Measurements**

Sizing based on 6 phenotypes to assure proper fit and optimum immobilisation



#### LONG TERM SUPINE PATIENT?

Consider the Occian Back, see page 118. Or call 1300 123 268 to speak with one of our Clinical Product Specialists.

CALL 1300 123 268







#### SPECIALTY SIZES: 40%















# STANDARD SIZES: 60%







Phenotype-driven sizing system makes size selection simple while drastically reducing margin of error in fitting a patient. Each collar has bioengineered size specific front and back sections designed to work together for superior immobilisation. Competency courses available at www.ossur.com/en-au/professionals/education-and-support-bracing/bracing-product-courses

# Miami J<sup>®</sup> Cervical Collar

# Sizing Chart - Adult

Size	Collar & Spare Liner Set	Collar	Collar Back	Collar Front
Super Short	MJR-200S	MJ-200S	MJ-400BK	MJ-200SFRT
Stout	MJR-200L	MJ-200L	MJ-200LBK	MJ-200LFRT
Bariatric	MJR-200B	MJ-200B	-	-
XS	MJR-250	MJ-250	MJ-250BK	MJ-250FRT
Short	MJR-300	MJ-300	MJ-300BK	MJ-300FRT
Regular	MJR-400	MJ-400	MJ-400BK	MJ-400FRT
Tall	MJR-500	MJ-500	MJ-500BK	MJ-500FRT

# **Sizing Chart - Paediatric**

Size	Collar Set w/Pads	Collar	Replacement Pads Only
0 - 6 mths	MJR-P0	MJ-P0	MJP-P0
6 mths - 2 yrs	MJR-P1	MJ-P1	MJP-P1
2 - 6 yrs	MJR-P2	MJ-P2	MJP-P2
6 - 12 yrs	MJR-P3	MJ-P3	MJP-P3

# **Replacement Softgoods**

Size	Part #
Short	MJP-100
Regular	MJP-100
Tall	MJP-100
Super Short	MJP-100
Stout	MJP-200L
XS	MJP-250
Bariatric	MJP-200B



# Miami JTO® Thoracic Extension

Miami JTO Thoracic Extension is designed in conjunction with leading spine surgeons, orthotists and nurses. The orthosis is used exclusively with all Miami J collars when even greater stability at the cervical junctions is indicated.

Miami JTO Thoracic Extension is a versatile, tool-free device with a patented chin strut, providing more control than a collar alone can provide, designed to treat cervical and high-thoracic injuries.

#### **Indications**

- Low c-spine and high t-spine precaution for trauma patients
- Immobilisation for pre and post low c-spine and high t-spine surgery
- Other conditions requiring gross immobilisation of the lowcervical and/or high-thoracic spine
- Conditions requiring gross immobilisation of the low cervical and/or high-thoracic spine

### Features & Benefits

- Proprietary design with 'floating back' permits maximum immobilisation without the risk of compensatory motion.
- Snap on and off without tools.
- Sorbatex padding is antibacterial and inhibits microbial growth, which enhances comfort and helps assure patient compliance.
- X-ray and CT lucent, MR-safe.





# Ordering Information

Part #	Description	Size
MT-900	ЈТО	Universal
MTR-900	JTO with replacement pads	Universal

<sup>\*</sup> Compatible with all sizes of the Miami J®, Miami J® Select (level 1-5) and the P3 Miami Jr® Collar.

Miami J Collar not included. See page 130 for collars. Must order with collar.

#### **Accessories**

Part #	Description
MTP-950	Replacement pads

# Miami J<sup>®</sup> Occian Back

The Occian Back is designed exclusively for the specialised needs of the multi-system trauma patient in the ICU.

Universally sized, specifically engineered and designed with advanced, Intuitech  $^{\text{TM}}$  pressure-relieving memory foam, the Occian Back helps caregivers manage c-spine patients who are at high risk of occipital breakdown.

#### **Indications**

- Patients not awake and alert within 24 48 hours after admission
- Patients with pre-existing skin injuries and/or lacerations to the head/neck
- Burn patients who must wear a collar
- Elective surgery patients desiring night time post operative comfort

#### **Features And Benefits**

- Intuitech pressure relieving memory foam virtually eliminates occipital
- Maintains C spine stability
- Provides unique pressure-relieving comfort by replacing the back section of a Miami J Collar
- Easy to clean
- X-ray and CT lucent, MR safe.



Part#	Description	Height
ACB-100	Occian Back	Universal

\* Compatible with all sizes of the Miami J<sup>®</sup>, Miami J<sup>®</sup> Select and the P<sub>3</sub> Miami Jr<sup>®</sup> Collar. Front panel not included.

#### **Clinical Tip**

The Occian Back is used in conjunction with Miami J Collar for supine patients. Order a full collar and keep back section for use when patient starts ambulating.





### Occian® Jr Collar - Paediatric

Part#	Description	Size	U/M
ACB-200	Paediatric	P1 & P2	1 ea

Compatible with the P1 and P2 Miami Inr collars.

# Papoose<sup>®</sup>

Papoose is designed for the youngest and most challenging patients - newborn infants. It cradles the baby's body, securely and gently immobilizing the head and spine.

#### **Indications**

- C-Spine precaution for infants
- Immobilisation for pre and post c-spine surgery
- Other conditions requiring gross immobilisation of the infant cervical spine

### **Features & Benefits**

X-ray and CT lucent, MR safe

### **Ordering Information**

Part #	Description	Range
PA-100	PAPOOSE W/ Front and Pads	Front and pads Infants up to 3 months
PAP-100	Replacement pad	



# Philadelphia® Adjustable Collar

#### **Indications**

Situations requiring gross immobilisation of the cervical spine, these may include:

- Pre- and post c-spine surgery
- C-spine precaution for trauma patients

#### **Features & Benefits**

- Circumference adjustable and height adjustable with permanent lock.
- Well ventilated and water-resistant for bathing and hydro-therapy.
- X-ray and CT lucent. MR safe.



### **Ordering Information**

Part#	Size/ Description
PHP-AA	Conforms to sizes 2, 3 and 4 of the original Philadelphia Tracheotomy Collar

**NOTE:** The opposite table represents common sizing only. Sizing must be verified by the healthcare provider for each patient individually.

### **Sizing Information**

Circumference Size	Range
Small (remove 2 tabs)	10"-13" (25.4-33.0 cm)
Medium (remove 1 tab)	13"-16" (33.0-40.6 cm)
Large (no tear)	16"-19" (40.6-48.3 cm)

#### **Clinical Tips**

The adjustable collar fits most patients but is not suited for long or thick neck shapes. For patients with long necks, the 5" height sized original model should be considered. For patients with neck circumference exceeding 48cm, the XLG sized original model should be considered. Refer to next page for sizing guidelines.



# Philadelphia® Tracheotomy Collar

### **Indications**

- C-Spine precaution for trauma patients
- Immobilisation for pre- and post c-spine surgery
- Other conditions requiring gross immobilisation of the mid-cervical spine

#### Features & Benefits

- Anterior and posterior rigid plastic reinforcement supports limit movement
- Water-resistant for bathing and hydro-therapy
- Customisable 2-piece design
- Does not contain natural rubber latex, non-toxic and hypoallergenic. Plastazote® foam reduces skin irritation
- X-ray and CT lucent. MR safe
- Features a large trachea opening. Ventilation openings reduce heat and moisture

### **Ordering Information**

Part#	Height	Size	Neck Circumference	
PHP-T2XS	2.25"	XSmall	25.4cm	
PHP-T2S	2.25"	Small	25.4 - 33cm	
PHP-T2M	2.25"	Medium	33 - 40.6cm	
PHP-T2L	2.25"	Large	40.6 - 48.2cm	
PHP-T2XL	2.25"	X Large	48.2cm - up	
PHP-T3S	3.25"	Small	25.4 - 33cm	
PHP-T3M	3.25"	Medium	33 - 40.6cm	
PHP-T3L	3.25"	Large	40.6 - 48.2cm	
PHP-T3XL	3.25"	X Large	48.2cm - up	
PHP-T4S	4.25"	Small	25.4 - 33cm	
PHP-T4M	4.25"	Medium	33 - 40.6cm	
PHP-T4L	4.25"	Large	40.6 - 48.2cm	
PHP-T4XL	4.25"	X Large	48.2cm -up	
PHP-T5S	5.25"	Small	25.4 - 33cm	
PHP-T5M	5.25"	Medium	33 - 40.6cm	
PHP-T5L	5.25"	Large	40.6 - 48.2cm	
PHP-T5XL	5.25"	X Large	48.2cm - up	
PHP-TI	1.25"	Infant	15.2 - 20.3cm	
PHP-TP	1.75"	Pediatric	20.3 - 27.9cm	

### **Philadelphia Coolmax - Liners**

Part#	Philadelphia® Coolmax® Liner™	Size
PHP-LCXS	Philadelphia Coolmax Liner	XSmall
PHP-LCS	Philadelphia Coolmax Liner	Small
PHP-LCM	Philadelphia Coolmax Liner	Medium
PHP-LCL	Philadelphia Coolmax Liner	Large
PHP-LCXL	Philadelphia Coolmax Liner	X Large
PHP-LCI	Philadelphia Coolmax Liner	Infant
PHP-LCP	Philadelphia Coolmax Liner	Pediatric





### **Measurement & Sizing**

Proper sizing is important for patient immobilisation and comfort. Always maintain the patient's head in neutral alignment.



#### Height

Measure from the tip of the chin to the top of the sternum in a straight line (Fig.A). If the patient's measurement falls between two consecutive sizes, apply the smaller size first.



#### **Neck Circumference**

Measure around the patient's neck (Fig.B). The measurement corresponds to the size CIRCUMFERENCE of the Collar. If the patient's measurement falls between two consecutive sizes, apply the larger size first.

# Occian® AirWay Pad

### **Features & Benefits**

- Foldable to desired thickness to support torso and ensure proper neck alignment in a supine position
- Latex-free and compatible with all imaging modalities

# **Ordering Information**

Part #	Size
AP-T10	Universal



# Patriot<sup>®</sup> Collar

#### **Indications**

Situations requiring gross immobilization of the cervical spine, these may include:

- Pre and post c-spine surgery
- C-spine precaution for trauma patients

### **Features & Benefits**

- One piece extrication style collar
- Universal size
- Multi-height adjustment Adult (4 position) and Pediatric (3 position) sizes
- Nasal cannula holders
- The devices reduce movement of the cervical spine
- Paediatric size collar fits small adults
- Flat packed

Part#	Size	Neck Circumference
PHP-PA	Adult	27.9 - 58.4cm
PHP-PP	Paediatric	20.3 - 45.7cm





# **Foam Cervical Collar**

### **Indications**

 Minor neck injuries such as, neck extension injuries (whiplash), herniated cervical disc, cervical spondylosis, RA and OA cervical spine.

### **Features & Benefits**

- Mild control, high comfort
- The devices restrict range of motion of the cervical spine
- Simple touch-and-close fastening
- Washable at 40°C

Part#	Size	Dimensions	Neck Circ
203013	Small	7.6 x 47cm	28 - 38cm
203014	Small/Long	7.6 x 55cm	38 - 50.8cm
203015	Medium	8.8 x 50cm	33 - 45.7cm
203016	Medium/Long	8.8 x 58.4cm	40.6 - 53cm
203017	Large	10 x 58.4cm	38 - 50.8cm
203018	Large/Long	10 x 66cm	40 - 66cm





# **Thoracic & Lumbar Supports**



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Formfit® Back Support PAGE 143



Miami LSO<sup>™</sup> PAGE 144



Miami TLSO<sup>™</sup> 456 PAGE 145



Miami TLSO<sup>™</sup> 464 PAGE 145



Miami® Posteo PAGE 146



MP45 Spinal Extension Brace PAGE 147



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# Formfit® Pro Back

Össur Formfit® Pro Back provides relief for patients suffering from pains and strains in the lower back. Manufactured with our dynamic, 3D-Motion Tech™ knitting technology, our belts feature superior moisture wicking capabilities and are highly breathable. The patented back panel design utilizes our StayBilizer™ technology to provide optimum shape and fit, while conveniently placed finger loops make donning easy. The SmartPad™ provides a targeted support and cushioning and can be removed if desired.











### **Indications**

For lower back conditions that may benefit from compression and gross motion restriction, such as

- Lower back pain (Lumbago)
- Lumbosacral sprain/strain
- Degenerative joint disease

### **Features & Benefits**

- MotionTech™ for compression and dynamic fit.
- Removable lumbar SmartPad<sup>™</sup> for targeted support and cushioning.
- Lightweight, malleable aluminum stays are shaped to the anatomy of the lower back.

Part#	Size	Waist Circ.*
FP500001	X-Small	70 - 80 cm
FP500002	Small	80 - 90 cm
FP500003	Mediium	90 - 100 cm
FP500004	Large	100 - 115 cm
FP500005	X-Large	115 - 130 cm

<sup>\*</sup> Measure circumference of the trunk at a level midway between the lowest ribs and the upper iliac crest.



# Formfit® Back Support

Made from breathable materials, the Formfit Back Support provides compression and support for those suffering from lower back pain. The double wrap design improves compression, while the durable finger loops make applying the brace easy.

### **Indications**

Lower back conditions that may benefit from gross motion restriction, such as;

- Muscular low back pain
- Lumbosacral Strains
- Chronic low back pain
- Sciatica

### **Features & Benefits**

- Anti-migration system reduces slippage
- Double wrap design improves compression
- Finger loops for easy application



Part#	Size	Measurements *
209143	Small	64-76cm
209145	Medium	76-86cm
209147	Large	86-97cm
209148	XLarge	97-107cm
209149	XXLarge	107-142cm
209151	XXXLarge	142-152cm

<sup>\*</sup> Waist circumference

# Miami LSO<sup>™</sup>

Miami LSO is a spinal orthosis designed for gross immobilisation of the lumbar region of the spine and pain relief. It is comfortable, low profile, and easy to fit, while anatomically contoured panels provide increased lumbar spine support and reduced stress on the low back during flexion/extension movements.

### **Indications**

Conditions requiring gross immobilisation of the trunk in the lumbar region such as:

- Stable, non-displaced spinal fractures (L1–L5)
- Spinal stenosis
- Herniated disc
- Degenerative spinal pathologies
- Spondylolysis
- Spondylolithesis

#### **Features & Benefits**

- Slim or standard width belts
- Miami double-pulley system with length-adjustable pulley cord
- Intuitive fitting, with fold-over belt arms to enable quick adjustment directly on the user
- Universal belt sizing accommodates waists up to 178 cm
- Universal posterior panel to accommodate more patients with less inventory
- Contoured posterior panel sized S XL for a precise, anatomical fit
- Quick-Fit pocket enclosure and blue highlights for patient ease of use



#### How to Order Your Miami Lumbar LSO

- 1. Measure patient's waist circumference
- 2. Choose Miami Lumbar Belt size
- 3. Choose Posterior Panel size
- 4. Choose Anterior Panel size

### Miami LSO - Sold by Component

Part #	Description	Size	Waist Circumference	
MLSO-1	Miami LSO Belt Slim 15cm	Universal	66-127 cm	
MLSO-2	Miami LSO Belt Standard 20cm	Universal	66-127 cm	
MLSO-P12	Posterior Panel with Lateral Supports	Small	66-86 cm	
MLSO-P22	Posterior Panel with Lateral Supports	Medium	86-107 cm	
MLSO-P32	Posterior Panel with Lateral Supports	Large	107-127 cm	
MLSO-P42	Posterior Panel with Lateral Supports	Extra Large	127-177 cm	
MLSO-PA6	Anterior Panel Slim 15cm	Universal	-	
MLSO-PA8	Anterior Panel Standard 20cm	Universal	-	

### Accessories

Part #	Description
MLSO-1EXT	15 cm Slim Belt Extension (Recommended for waist circumferences 127-177 cm)
MLSO-2EXT	20 cm Standard Belt Extension (Recommended for waist circumferences 127-177 cm)
B-040100000	Ossur Fit Tool



## Miami TLSO<sup>™</sup>

The Miami TLSO from Össur directly addresses the needs of patients and practitioners, simplifying preparation without compromising on fit or performance. This easy-to-use pre-assembled Miami TLSO brace offers three configurations in one. Easily applied in over the shoulder or underarm configuration, donning and doffing is further simplified with the conveniently located quick release buckles.

#### **Indications**

Indications that require gross thoracic and lumbar spine immobilisation in all three planes, in which the following conditions may be present:

- Herniated disc
- Degenerative Spinal Pathologies
- Post-Surgical Stabilisation
- Stable, non-displaced spinal fractures
- Spinal stenosis
- Spondylolisthesis
- Spondylolysis

#### **Contraindications**

• Unstable, displaced fractures

#### Features & Benefits

- Significantly superior comfort and ease of donning/doffing.
- Fully assembled for fitting with ease.
- Accommodates heights 155–193 cm
- Posterior thoracic extension option with ergonomic axillary strapping.
- Step-down to an LSO as one progresses through rehabilitation.
- One-touch telescoping anterior-thoracic extension option with single or double-hinge.
- The convenience of a one-size Universal or individualize with a uniquely-sized anatomical design.
- Improve comfort and immobilization with multiple strapping configurations and removable anchors.

#### Miami TLSO 464 - Preassembled Kit

Part #	Description	Size	Waist Circ.
MTLSO-2111	Miami TLSO 464	Small	66-86 cm
MTLSO-2121	Miami TLSO 464	Medium	86-107 cm
MTLSO-2131	Miami TLSO 464	Large	107-127 cm
MTLSO-2141	Miami TLSO 464	Extra Large	127-177cm*

<sup>\*</sup>Belt extensions are required for waist circumferences larger than 127cm



Miami TLSO™ 464 with Axillary Straps accessory



Miami TLSO™ 464 Universal



Miami TLSO™ 456 and Universal

#### Miami TLSO 464 & 456 - Universal

Part #	# Description	
MTLSO-2351	Miami TLSO 464	Universal
MTLSO-2352	Miami MTLSO 456	Universal

#### Miami TLSO 456 - Preassembled Kit

Part #	Description	Size	Waist Circ.
MTLSO-2112	Miami TLSO 456	Small	66-86 cm
MTLSO-2122	Miami TLSO 456	Medium	86-107 cm
MTLSO-2132	Miami TLSO 456	Large	107-127 cm
MTLSO-2142	Miami TLSO 456	Extra Large	127-177cm*

<sup>\*</sup>Belt extensions are required for waist circumferences larger than 127cm

#### **Accessories**

Part #	Description
B-040100000	Ossur Fit Tool
MTLSO-0003	Axillary Strap Accessory Kit
MTLSO-0004	5mm Hex Long Wrench

P	Part #	Description
Ν	/ILSO-2EXT	20 cm Standard Belt Extension*

<sup>\*</sup>Recommended for waist circumferences 127-177 cm

## Miami<sup>®</sup> Posteo

The orthosis consists of an aluminium posterior thoracic extension (PTE), shoulder straps and a compression system with pulley principle providing vertebral offloading and postural correction. The tightening of the pulley system produces lordosis in the lumbar spine which improves overall posture. The shoulder strap system, similar to the principle of a rucksack, draws the shoulders back without limiting mobility in the shoulders and the arm region. The straps can be individually adjusted to achieve the necessary tension.

#### **Indications**

- Back pain caused by stable vertebral compression fractures (VCF)
- Postural support

#### **Features & Benefits**

- Effective and comfortable pain alleviation
- Size adjustable lumbar belt for customised fit and reduced inventory
- · Lightweight and breathable design

Part#	Size	Back Length *
LMB-POSTEO-XS	XSmall	37 - 44cm
LMB-POSTEO-SM	Small	44 - 51cm
LMB-POSTEO-MD	Medium	49 - 56cm
LMB-POSTEO-LG	Large	55 - 61cm

<sup>\*</sup> Measured from the tip (bottom) of the sacrum to the C7 vertebra, following the curvature of the spine.



## **MP45 Spinal Hyperextension Brace**

#### **Indications**

- · Post operative stabilisation
- Post trauma anterior body fractures

#### Features & Benefits

- Lightweight aluminium construction
- Unique spring controlled 'floating' pelvic band continually adjusts as the patient changes from a standing to a sitting position effectively eliminating the problem of upward brace movement without compromising brace function
- Padded pelvic band may be locked in position
- New fastening system and adjustment slots on the sternal component allow simple and convenient height and width adjustment without component removal
- Angle of the sternal component may also be adjusted without bending to provide optimum positioning against the sternum
- Extended sizing choice allows simple off-the-shelf fitting for a wide variety of patient shapes and sizes





#### **Required Measurements**

Hip circumference

Part #	Size	Hip Circ. (cm)	Min/ Max Length (cm)
MP45/S	Small	60 - 75cm	40 - 44cm
MP45/M	Medium	79 - 90cm	43 - 47cm
MP45/L	Large	90 - 105cm	47 - 51cm
MP45/LS	Large/ Short	90 - 105cm	43 - 47cm
MP45/XL	X-Large	105 - 115cm	50 - 54cm
MP45/XLS	X-Large/ Short	105 - 115cm	47 - 51cm

## **Spinal Brace Kits**

Pre-made and custom-made low spinal and high spinal brace kits.

#### **Indications**

- Low Spinal Brace kits. Injuries L2- L5/ S1
- High Spinal Brace kits: Injuries T6 L5/ S1

#### **Features & Benefits**

- Aluminium frame with leather and felt covering, and D-ring strap attachments
- Universal strap kit with adjustable Velcro fasteners
- · Abdominal pad included with kit



Lsb (Low)	Length*	Hsb (High)	Length*
B11-10	10"	B12-10	17"
B11-11	11"	B12-11	18"
B11-12	12"	B12-12	20"
B11-13	13"	B12-13	21"
B11-14	14"	B12-14	22"
B11-15	15"	B12-15	23"
B11-16	16"	B12-16	24"

<sup>\*</sup> Length refers to the overall height of the brace. To determine required height measure from the PSIS to the inferior border of the scapula. HSB models extend an additional 7" or 8".

Add 'c' to end of order code for custom made version.







Send patient measurements, brace dimensions and strap lengths. Will be custom made to suit your patient.

# **Elastic Rib Belt / Binder**

#### Features & Benefits

- Flannel lined for comfort
- Velcro contact closure
- 6" width binder

Part#	Description
209150-R2	Male
209160-R2	Female





# **Casting**



Techform® Casting Tape
PAGE 151



Techform® Ortho-Roll PAGE 153



Techform® Pre-Cut Splints
PAGE 153

## **Techform® Casting Tape**

Techform was designed by and for orthopaedic casting professionals who look for a superior handling experience and a smooth, strong finished cast.

Techform incorporates a patented rub-responsive formula that works with our unique fabric to produce the best finished cast you'll ever see.

#### Features & Benefits

- Glides off the roll easily
- Soft, conformable rolls allow for easy handling
- Rub responsive" formula adapts to your technique: the more you rub it, the smoother it gets
- Excellent lamination ensures strength and durability
- Smoother finish is non-abrasive and snag-free for fine clothing
- The ends of the roll easily lay down and stay down
- A smoother cast increases patient satisfaction!
- Stock colours: White, Dark Blue, Light Blue and Rainbow. Other colours are available on request.

Featuring the Techform range of synthetic casting materials our casting range is designed to allow easy handling and a smooth finish. For fracture immobilisation or impression casting you can't go past the Techform range. Need assistance taking a cast – our clinical service staff are here to help. Phone us on 1300 123 268 for over the phone advice or to arrange an in-service session.

#### **Clinical Tips**

With a 50% fiberglass/polypropylene composition Techform offers a great solution for impression casting. It conforms to give a thin intimate mould but sets strong, providing a negative cast that transports easily and won't lose its shape. A fast and low mess alternative to plaster bandage. To fill it simply wrap the cast in plastic cling wrap.







# **Techform® Casting Tape**



White - WH

Width	Techform Premium
3.2cm	154WH
5cm	204WH
7.6cm	304WH
10cm	404WH
12.8cm	504WH



Black - BK

Width	Techform Premium
5cm	204BK
7.6cm	304BK
10cm	404BK



Red - RD

Width	Techform Premium
5cm	204RD
7.6cm	304RD
10cm	404RD



Orange - OR

Width	Techform Premium
5cm	204OR
7.6cm	304OR
10cm	404OR



Pink - PK

Width	Techform Premium	
5cm	204PK	
7.6cm	304PK	
10cm	404PK	



**Light Blue - LB** 

Width	Techform Premium	
5cm	204LB	
7.6cm	304LB	
10cm	404LB	



Purple - PR

Width	Techform Premium	
5cm	204PR	
7.6cm	304PR	
10cm	404PR	



Green - GN

Width	Techform Premium	
5cm	204GN	
7.6cm	304GN	
10cm	404GN	



Blue - DB

Width	Techform Premium	
5cm	204DB	
7.6cm	304DB	
10cm	404DB	



Rainbow RB

Width	Techform Premium	
5cm	204RB	
7.6cm	304RB	
10cm	404RB	

Rainbow box consists of the following: Dark Blue, Light Blue, Pink, Black & Red

## Techform® Ortho-Roll

Developed in collaboration with orthopaedic professionals, Techform Ortho-Roll represents the first major breakthrough in orthopaedic splinting technology in decades.

In focus groups, Techform Ortho-Roll rated from "Good" to "Excellent" in every key category. including handling, conformability, padding, water retention, dispensing method, ease-of-use, overall appearance, and overall satisfaction. Techform Ortho-Roll simply performs better.

#### Features & Benefits

- Quickdry is a patented, revolutionary orthopaedic padding material. Quickdry padding never really stays wet. Water simply passes straight through it. The result is less risk of skin maceration. Plus, it saves you application time.
- Box opens easily along perforation
- Instructions are on the box
- · Closure rod creates an air tight seal



#### **Ordering Information**

Part #	Size	Part #	Size
TR0115	3 x 457 cm	TR0415	10 x 457 cm
TR0215	5 x 457 cm	TR0515	13 x 457 cm
TR0315	8 x 457 cm	TR0615	15 x 457 cm

#### **Accessories**

Part #	Description	
13302	Positioning Strap (12 pack)	
13332	Closure Rod	
P-550606	Splinting Guide Poster	

# **Techform® Pre-Cut Splints**

Techform Pre-Cut Splints have the same key features as our patented Ortho-Roll splinting material, including our patented Quickdry padding. Each splint comes pre-packaged in an individual foil pouch, perfect for those who prefer to eliminate waste of splint material.

#### **Indications**

Immobilisation

#### **Features & Benefits**

- Our selection includes 5 sizes, a full variety of lengths and widths to accommodate all your splinting needs.
- Pre-cut splints come in various lengths so you can choose the appropriate size to match your specific needs

# 3,12 3,35

Part #	Size	Quantity
TC0312	7.6 x 30.5 cm	10/Box
TC0335	7.6 x 88.9 cm	5/Box
TC0415	10.2 x 38.1 cm	10/Box
TC0430	10.2 x 76.2 cm	5/Box
TC0530	12.7 x 76.2 cm	10/Box

## **Customer Care Team**

Our Customer Care and Sales teams really understand the Australian and New Zealand healthcare industry – we've been working and changing with it for years.

AU Tel: 1300 123 268 (option 1)

AU Enquiries: customercare.au@ossur.com
AU Orders: customercare.au@ossur.com

NZ Tel: 0800 369 524

NZ Enquiries: customercare.nz@ossur.com

NZ Orders: customercare.nz@ossur.com

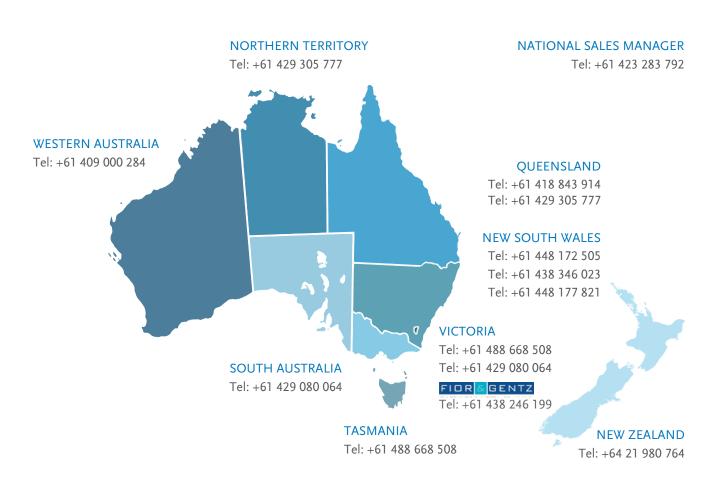
Össur is an Icelandic company specialising in the development of non-invasive orthopaedic

bracing to assist in the management of patient rehabilitation. Considered an industry leader in bracing and supports, Össur invest continually in research and development to offer innovative products to provide solutions to patients injuries.

Our team of clinical sales specialists endeavour to provide expert support and advice on the complete product portfolio, and are conveniently located around Australia and New Zealand.

We aim to become a trusted partner to clinical practitioners within the allied health, wholesale and specialist markets, by partnering with clinicians to achieve positive patient outcomes. We work to a set of values that guide our actions rather than a rule book.

## Sales Area Contacts



# **Ordering Information**

- Please quote your account number when placing an order.
- · Please quote item numbers and any other specification required when ordering.
- Please quote your purchase order number when required.
- Orders placed by telephone then faxed, posted, or emailed should be clearly marked with 'DUPLICATE' to avoid risk of duplication.

#### **Response to Orders**

We are proud of our service to our customers and maintain large stocks of products to expedite delivery.

Orders are usually processed and dispatched the same day when placed by 2pm AEST for Australian orders.

Orders are usually processed and dispatched the same day when placed by 12pm AEST for International orders.

Our Warehouse is in Melbourne, so please consider time differences when placing your order.

#### **Method of Dispatch**

Your order will be dispatched by the most economical means available, taking in consideration weight / volume and the degree of urgency.

#### **Australia**

Unless otherwise instructed, orders will be sent by road delivery.

State	Metro	Regional
Victoria	Overnight	Overnight
New South Wales	Overnight	2 days
Queensland	2 days	3-4 days
Northern Territory	4-5 days	7-10 days
South Australia	Overnight	2 days
Western Australia	4-5 days	6-10 days
Tasmania	2-3 days	4-5 days

#### **New Zealand**

Unless otherwise instructed, orders will be sent by economy delivery.

Destination	Delivery Time
North Island (Auckland)	2-3 days
North Island (Rotorua, Whangarei)	4 days
South Island (Wellington, Christchurch and Dunedin)	2-3 days
South Island (Invercargill & Queenstown)	5-6 days

<sup>\*</sup>These are a delivery guide only. Unexpected delays may occur with the courier from time to time.

#### **Order for Non-Stock Items**

As some of our products are custom made or special order only, please allow 10-15 working days for delivery.

### **Incorrect Delivery**

On receipt of the goods the customer is required to check the consignment. In the unlikely event that the type or quantity of goods is incorrect then you are requested to notify our Customer Care Department within 7 working days of the date of delivery.

After 7 working days Össur Bracing & Supports cannot accept responsibility for an incorrect delivery.

# **Ordering Information**

#### **Return of Goods Policy**

Authorisation must be issued by Össur Bracing & Supports prior to goods being returned, please complete our Returns Form (available on our website or via our Customer Care team), and email the completed form to anzbracing@ossur.com to obtain a Returns Authorisation to print and pack with your returning item/s. Soiled, custom manufactured, modified or discontinued goods may not be returned. Goods accepted for return must be in a resalable condition, in the original packaging with all supported brochures. Össur® Bracing & Supports reserves the right to charge delivery costs and / or re-stocking fee of up to 15% on returned goods



#### **Terms and Conditions of Sale**

The product range and availability may change during the period that the current catalogue runs.

The returns policy does not apply to custom made or modified goods. Please check with Customer Care at time of sale if in doubt.

Telephone Orders Australia: 1300 123 268 (option 1)

Telephone Orders International: 0800 369 524

AU: <a href="mailto:customercare.au@ossur.com">customercare.au@ossur.com</a>
NZ: <a href="mailto:customercare.nz@ossur.com">customercare.nz@ossur.com</a>

#### **Single Patient Use**

It is a condition of Sale that any Orthopaedic product purchased from Össur® Bracing & Supports is restricted to 'Single use Only' by the originally fitted patient to protect the care provider and the patient against potentially adverse consequences of infectious disease transmission or material instability resulting from previous use by the original wearer.

Any expressed or implied warranties are voided if the orthosis is re-used for another patient. Any orthosis purchased from Össur® Bracing & Supports must be prescribed and applied by a qualified clinician to ensure that it meets the needs of the patient and accomplishes the desired results.

#### **Custom Brace Alterations or Cancellations**

All custom knee braces are custom fabricated for a unique individual and cannot be restocked. Therefore, alteration or cancellation of a custom order may result in a fee if brace fabrication has already begun. To limit this possibility, please notify Össur of any custom order alterations or cancellations as quickly as possible.

# **Ordering Information**

#### Satisfaction Guaranteed

If at any time within the warranty period you are not 100% satisfied with any Össur product, please contact our Customer Care Department via phone or email and give us the opportunity to remedy the situation.

All Össur products are warranted for any defects in materials and/or workmanship. Please contact our Customer Care Team if you have any questions. For product-specific warranty information, please refer to Össur's product warranty information on our website.



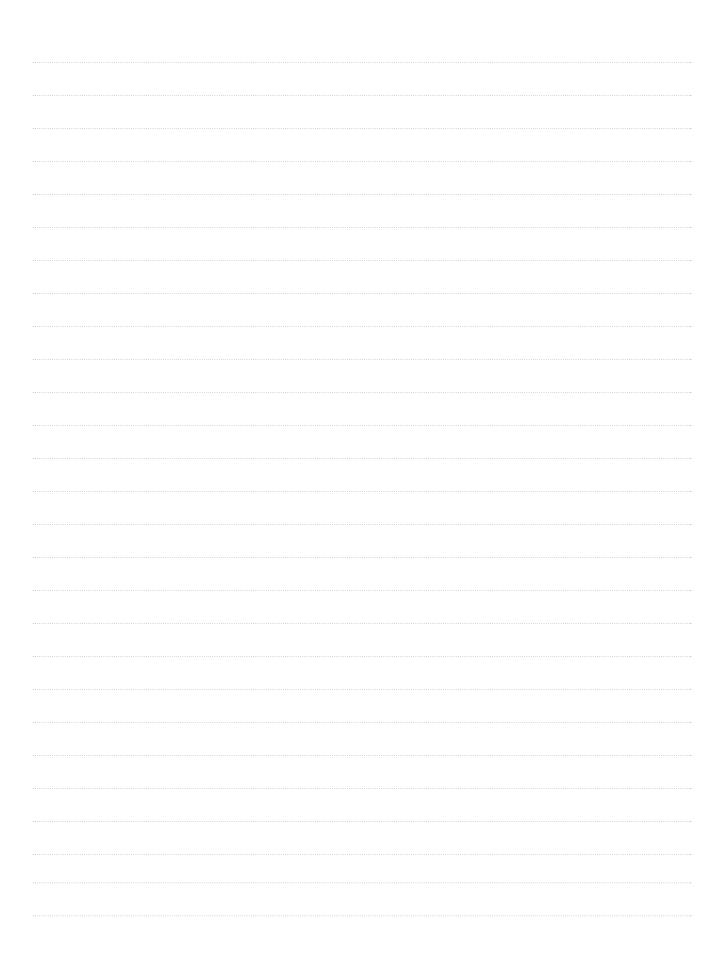
## **Bracing & Supports Product Warranty**

Product	Warranty
Custom Knee Braces	Defects in materials and workmanship of the rigid brace Frame and hinge(s): lifetime of the original patient Soft goods, liners, straps: 6 months
Off-the-shelf Knee Braces	Frame & hinges: 2 years Soft goods, liners, straps: 6 months
Post-operative Braces	Shells & hinges: 3 months Foams and straps: 30 days
All Other Products	6 months or as otherwise indicated on the product packaging or labelling
Casting and Splinting Products	3 years

#### **Limited Warranty**

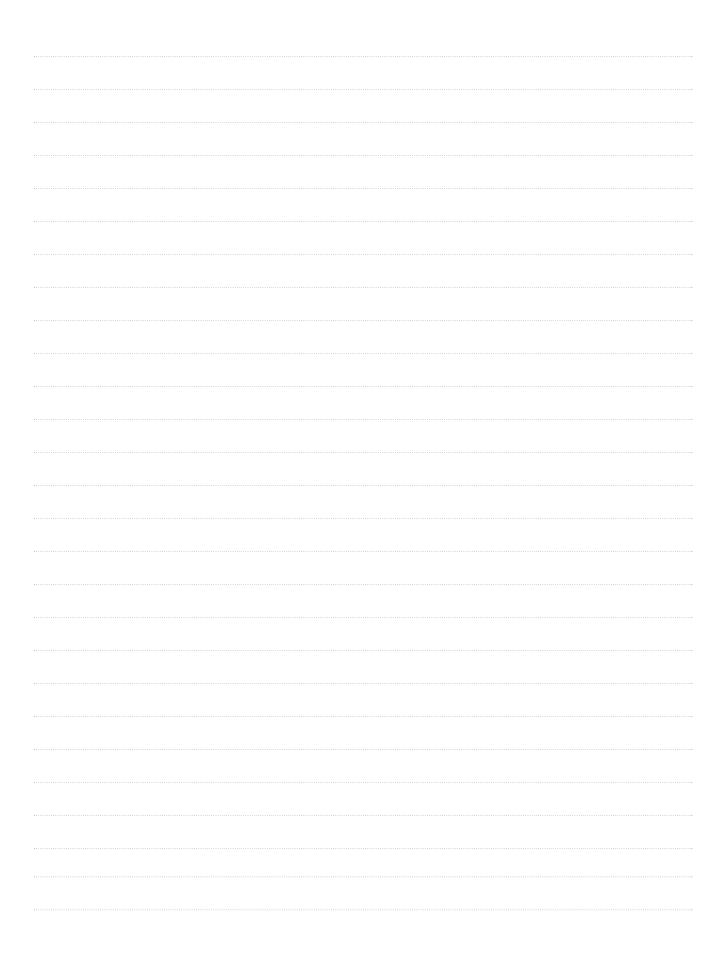
Össur warrants to the original purchaser that this product is free from defects in materials and workmanship. This warranty does not apply if this product (1) was not purchased from Össur or its authorised dealer, (2) has been altered in a way, or (3) has not been used in accordance with Össur's Instructions for Use (IFU). This Limited Warranty does not cover damage due to normal wear and tear, accidents, neglect, misuse, or operation beyond capacity, parts damaged by improper installation, substitution or parts not approved by Össur, or any other alteration or repair by others that, in Össur's judgment, materially or adversely affects the product or part. The duration of this Limited Warranty varies by product but is effective from the date of delivery to the purchaser. Össur's sole obligation under this Limited Warranty is to either repair or replace the product at no charge, or to credit purchaser's account for the value of the defective product at Össur's sole discretion. Use of this product is not a guarantee against injury. User should consult with his/her health care provider immediately if user experiences any kind of adverse medical reaction following use of this product. User should consult with his/her health care professional with any questions as to how this product applies to user's specific medical condition. If user does not agree to the above conditions, he/she should contact his/her health care professional before using this product. Össur disclaims and excludes any other express or implied warranties not set forth in this Limited Warranty, including but not limited to warranties of merchantability or fitness for a particular purpose. This Limited Warranty excludes liability for any personal injury, property damage, or special, incidental, or consequential damages arising out of, related, or incident to use the product, even if Össur has been advised of the possibility of such potential loss or damage, unless state law otherwise precludes this exclusion.

## **Notes**





# Notes





# NOT SURE WHICH PRODUCT TO CHOOSE?

CALL OUR CLINICAL SPECIALISTS TO DISCUSS YOUR OPTIONS

TEL 1300 123 268





