

### **EXOS**

# A Great Alternative to Conventional Casting!

The Exos<sup>®</sup> upper extremity braces provide you and your patients with an adjustable, reformable, and lightweight solution to aid in the treatment of fractures and other injuries requiring stabilization.

Open and close \_

Comfortable, lightweight material

Antimicrobial treated \_

BOA° dynamic closure system

#### REMOVABLE

Although the Exos brace is custom fit to your patient, it can be easily removed, allowing:

- · Examination of the fracture site
- Examination of a wound or an incision
- · Assessment of muscle atrophy
- The ability to initiate rehabilitation therapy earlier in the healing process
- · Skin and brace cleaning
- · Sawless removal



### Warm it, Fit it!

#### **REFORMABLE**

#### Exos° braces are completely reformable, allowing:

- Modification to accommodate anatomical changes as healing progresses
- · Serial changes of position
- · One brace throughout duration of treatment
- · Less material waste

#### **ADJUSTABLE**

#### Exos uses the BOA° reel and lace dynamic closure system, allowing:

- · Expansion to allow for initial swelling and to reduce the risk of compartment syndrome
- · Tension modification for custom fit despite atrophy or changes in soft tissue
- · Improved patient comfort and fit

#### 1. Simply heat brace in oven for 3-5 minutes





2. Open and slide onto patient's limb



3. Gently mold and adjust for a comfortable fit



4. Use the reel and lace to tighten as needed

### It Takes to Water

#### **EXOS° BRACES ARE WATERPROOF\*, ALLOWING:**

- Patients to continue their regular daily activities such as showering
- Children to remain active
- Athletes to continue water activities
- Use of blow dryer to quickly dry brace and skin

### It's Easy to Clean

#### THE EXOS BRACE IS DESIGNED FOR IMPROVED HYGIENE, ALLOWING:

- Patients to hand wash and dry as needed
- Antimicrobial treated material to reduce odor
- Brace to be removed in order to clean skin or injury site



### It's See-through & Lightweight

#### THE EXOS BRACE IS RADIOLUCENT, ALLOWING:

- · X-rays to be taken without the removal of the brace
- · Clinical assessment of fracture healing without the need for re-casting
- · The Exos braces are significantly lighter than plaster casts or fibre glass ones

#### **MODEL 311 COMES IN A SELECTION OF DIFFERENT COLORS AND PATTERNS:**

· Making them attractive and fun to wear, especially for children













X-ray without brace



X-ray with brace



# PAEDIATRIC SHORT ARM BRACE WITH BOA® - OPEN THUMB

#### **INDICATIONS**

Support and protection for major injuries to the wrist. Primarily for fractures to the distal radius or distal ulna and can be employed for acute injuries as well as post-operatively.

#### **CHARACTERISTICS**

- · Open thumb design allows for enhanced ease of fit
- · Available in a selection of colors/patterns

#### **ORDERING INFORMATION**

PART NUMBER		HAND CIRC.	COLOR	SIZE	
LEFT	RIGHT	HAND CIRC.	COLOR	SIZE	
311-11-1111	311-12-1111	14.5 - 16.5 cm	Black	XXXS	
311-21-1111	311-22-1111	16.5 - 18.5 cm	Black	XXS	
311-11-4444	311-12-4444	14.5 - 16.5 cm	Pink	XXXS	
311-21-4444	311-22-4444	16.5 - 18.5 cm	Pink	XXS	
311-11-2293	311-12-2293	14.5 - 16.5 cm	Spider	XXXS	
311-21-2293	311-22-2293	16.5 - 18.5 cm	Spider	XXS	
311-11-3285	311-12-3285	14.5 - 16.5 cm	Polka Dot	XXXS	
311-21-3285	311-22-3285	16.5 - 18.5 cm	Polka Dot	XXS	



#### RHIZA

#### **INDICATIONS**

Designed to stabilize and immobilize the first metacarpophalangeal (MCP) joint and the carpometacarpal (CMC) joint. May be suitable for those suffering from osteoarthritis.

#### **CHARACTERISTICS**

· Adjustable thumb circumference and thumb strap

#### **ORDERING INFORMATION**

PART NUMBER		HAND CIRC.	SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
213-31-1111	213-32-1111	18.5 - 20 cm	XS
213-41-1111	213-42-1111	20 - 23 cm	S
213-51-1111	213-52-1111	23 - 25.5 cm	М
213-61-1111	213-62-1111	25.5 - 28 cm	L
213-71-1111	213-72-1111	>28 cm	XL



# LONG THUMB SPICA

#### **INDICATIONS**

Stabilization to the thumb in adduction, metacarpophalangeal joint, carpometacarpal joint, distal radius, distal ulna and conditions where immobilization of the wrist in the sagittal and frontal plane is required. May be used pre-operative, post-operative, post-traumatic as well as for carpal tunnel syndrome.

#### **CHARACTERISTICS**

- Increased forearm length for better immobilization and a hook-andloop release tab allows the brace to open more fully
- · Adjustable thumb strap provides better immobilization

PART NUMBER			
LEFT	RIGHT	HAND CIRC.	SIZE
232-31-1111	232-32-1111	18.5 - 20 cm	XS
232-41-1111	232-42-1111	20 - 23 cm	S
232-51-1111	232-52-1111	23 - 25.5 cm	М
232-61-1111	232-62-1111	25.5 - 28 cm	L
232-71-1111	232-72-1111	>28 cm	XL



### SHORT THUMB SPICA II

#### **INDICATIONS**

Stabilization to the first metacarpophalangeal joint and may be used pre-operative, post-operative, post-traumatic as well as for degenerative conditions.

#### CHARACTERISTICS

· Adjustable thumb circumference accommodates a variety of sizes

#### **ORDERING INFORMATION**

PART NUMBER		HAND CIRC.	SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
212-31-1111	212-32-1111	18.5 - 20 cm	XS
212-41-1111	212-42-1111	20 - 23 cm	S
212-51-1111	212-52-1111	23 - 25.5 cm	М
212-61-1111	212-62-1111	25.5 - 28 cm	L
212-71-1111	212-72-1111	>28 cm	XL



RADIAL GUTTER FRACTURE BRACE WITH BOA®

#### INDICATIONS

Helps provide stabilization for fractures to the 2nd and/or 3rd metacarpal (MC) bones and the respective metacarpal–phalangeal (MCP) joints of the hand.

#### CHARACTERISTICS

- · Full hook-and-loop release ribbon allows for easier application
- Dorsal hook-and-loop secure tab secures the over-lapping (top) portion of brace for better stability
- Hook-and-loop straps across the web space and around the 2nd and 3rd digits can be attached anywhere to the brace surface for better stabilitu
- $\cdot$   $\;$  Trimmable finger section accommodates desired range of motion

#### ORDERING INFORMATION

PART NUMBER		HAND CIDC	SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
326-31-1111	326-32-1111	18.5 - 20 cm	XS
326-41-1111	326-42-1111	20 - 23 cm	S
326-51-1111	326-52-1111	23 - 25.5 cm	М
326-61-1111	326-62-1111	25.5 - 28 cm	L
326-71-1111	326-72-1111	>28 cm	XL



### THUMB SPICA FRACTURE BRACE WITH BOA®

#### INDICATIONS

Stabilization to the thumb, first metacarpophalangeal joint, the first carpometacarpal joint, wrist joint, distal radius and distal ulna.

#### **CHARACTERISTICS**

- · Bivalve thumb opening accommodates swelling/dressings
- · Extended, trimmable length of the thumb for maximum protection
- · Full hook-and-loop release ribbon for easier application

#### **ORDERING INFORMATION**

PART NUMBER		HAND CIRC.	SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
315-31-1111	315-32-1111	18.5 - 20 cm	XS
315-41-1111	315-42-1111	20 - 23 cm	S
315-51-1111	315-52-1111	23 - 25.5 cm	М
315-61-1111	315-62-1111	25.5 - 28 cm	L
315-71-1111	315-72-1111	>28 cm	XL



## BOXER'S FRACTURE BRACE WITH BOA®

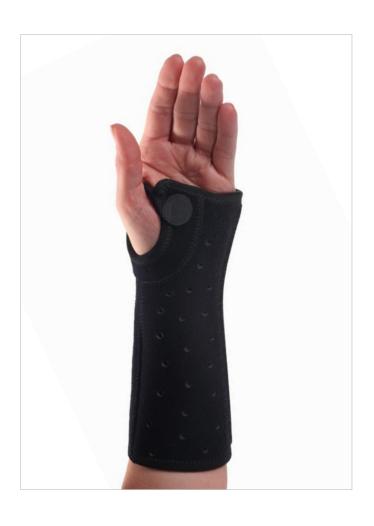
#### INDICATIONS

Stabilize fractures to the 4th and/or 5th metacarpal bones, provides stabilization to the 4th and 5th interphalangeal and wrist joints. May be used for head/neck fracture of the 4th and/or 5th metacarpal.

#### CHARACTERISTICS

- Dorsal hook-and-loop secure tab secures the overlapping (top) portion of brace for better stability
- Hook-and-loop fastener straps across the web space and around the 4th and 5th digits can be attached anywhere to the brace surface for better stability
- · Trimmable finger section accommodates desired range of motion

PART NUMBER		HAND CIRC.	CIZE
LEFT	RIGHT	HAND CIRC.	SIZE
325-31-1111	325-32-1111	18.5 - 20 cm	XS
325-41-1111	325-42-1111	20 - 23 cm	S
325-51-1111	325-52-1111	23 - 25.5 cm	М
325-61-1111	325-62-1111	25.5 - 28 cm	L
325-71-1111	325-72-1111	>28 cm	XL



### EXOS® MANU ADVANCE

#### INDICATIONS

Wrist fractures (e.g. non-operative treatment of displaced distal radius fractures). Post-traumatic periods. Conservative, pre-operative and post-operative care.

#### **CHARACTERISTICS**

- · Fully openable design for more convenient and comfortable fitting
- · Hook-and-loop thumb ribbon for fast attachment and release
- · Anti-microbial treated material designed to reduce odor

#### ORDERING INFORMATION

PART NUMBER		HAND CIDC	SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
329-31-1111	329-32-1111	18.5 - 20 cm	XS
329-42-1111	329-42-1111	20 - 23 cm	S
329-52-1111	329-52-1111	23 - 25.5 cm	М
329-62-1111	329-62-1111	25.5 - 28 cm	L
329-72-1111	329-72-1111	>28 cm	XL



SHORT ARM FRACTURE BRACE WITH BOA® - OPEN THUMB

#### INDICATIONS

Helps provide support and protection for major injuries to the wrist. Ideal for fractures to the distal radius or distal ulna, and can be employed for acute injuries as well as post–operatively.

#### CHARACTERISTICS

 The open thumb design allows for enhanced ease of fit and patient comfort

#### ORDERING INFORMATION

PART NUMBER		HAND CIRC.	SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
312-31-1111	312-32-1111	18.5 - 20 cm	XS
312-41-1111	312-42-1111	20 - 23 cm	S
312-51-1111	312-52-1111	23 - 25.5 cm	М
312-61-1111	312-62-1111	25.5 - 28 cm	L
312-71-1111	312-72-1111	>28 cm	XL



### WRIST BRACE WITH BOA®

#### INDICATIONS

Carpal bone injuries such as lunate, pisiform, or triquetral fractures, scapholunate dislocations, triangular fibrocartilage complex tears, radiocarpal ligament injuries, or minimally displaced or stable distal radius or distal styloid fractures.

#### **CHARACTERISTICS**

 The openings around the base of the thumb and across the palmar crease enable range of motion and provide greater comfort without loss of stability

PART NUMBER		HAND CIRC.	SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
221-21-1111	221-22-1111	16.5 - 18.5 cm	XXS
221-31-1111	221-32-1111	18.5 - 20 cm	XS
221-41-1111	221-42-1111	20 - 23 cm	S
221-51-1111	221-52-1111	23 - 25.5 cm	М
221-61-1111	221-62-1111	25.5 - 28 cm	L
221-71-1111	221-72-1111	>28 cm	XL



### HAND BASED RADIAL GUTTER BRACE

#### HAND BASED ULNAR GUTTER BRACE

#### **INDICATIONS**

Stabilize fractures to the 2nd and/or 3rd metacarpals or phalanges. Radial gutter portion allows the caregiver to achieve greater than 70° of flexion at the metacarpal joints of the 2nd and 3rd digits.

#### **CHARACTERISTICS**

- · Web straps with hook-and-loop contact closure
- · Maintains free range of motion at the wrist
- · Entire brace can be trimmed for desired range of motion

#### **ORDERING INFORMATION**

PART NUMBER		HAND CIRC.	SIZE
LEFT	RIGHT	HAND CIRC.	JILE
126-31-1111	126-32-1111	18.5 - 20 cm	XS
126-41-1111	126-42-1111	20 - 23 cm	S
126-51-1111	126-52-1111	23 - 25.5 cm	М
126-61-1111	126-62-1111	25.5 - 28 cm	L
126-71-1111	126-72-1111	>28 cm	XL

### CHARACTERISTICSWeb straps with he

INDICATIONS

- · Web straps with hook-and-loop contact closure
- · Maintains free range of motion at the wrist
- · Entire brace can be trimmed for desired range of motion

#### ORDERING INFORMATION

PART NUMBER		HAND CIDC	CIZE
LEFT	RIGHT	HAND CIRC.	SIZE
125-31-1111	125-32-1111	18.5 - 20 cm	XS
125-41-1111	125-42-1111	20 - 23 cm	S
125-51-1111	125-52-1111	23 - 25.5 cm	М
125-61-1111	125-62-1111	25.5 - 28 cm	L
125-71-1111	125-72-1111	>28 cm	XL

Stabilizes fractures to the 4th and/or 5th metacarpals or phalanges. The

ulnar gutter portion of the brace allows the caregiver to achieve greater

than 70° of flexion at the metacarpal joints of the 4th and 5th digits.



# EXTENDED SHORT THUMB SPICA



### HUMERAL FRACTURE BRACE WITH BOA®

#### **INDICATIONS**

Immobilizes the base of the thumb and the interphalangeal joint to stabilize injuries to the ulnar collateral ligament (UCL) (Gamekeeper's thumb), fractures or avulsion injuries to the proximal first phalanx or distal first metacarpal, severe sprains of the thumb, or for arthritic conditions involving the metacarpophalangeal joint, or the interphalangeal joint. May also be used to immobilize the thumb joints following surgical repairs and soft tissue injury.

#### **CHARACTERISTICS**

- · Bivalve thumb opening accommodates swelling or dressings
- · Hook-and-loop contact closure

#### **ORDERING INFORMATION**

PART NUMBER			SIZE
LEFT	RIGHT	HAND CIRC.	SIZE
211-31-1111	211-32-1111	18.5 - 20 cm	XS
211-41-1111	211-42-1111	20 - 23 cm	S
211-51-1111	211-52-1111	23 - 25.5 cm	М
211-61-1111	211-62-1111	25.5 - 28 cm	L
211-71-1111	211-72-1111	>28 cm	XL

#### **INDICATIONS**

Stabilize fractures to the mid-shaft of the humerus and some injuries to the more proximal humerus.

#### **CHARACTERISTICS**

- · Brace can be easily trimmed to the appropriate circumference
- Edge tape provided in the package can be easily applied to the trimmed edge of the brace

PART NUMBER	WIDTH	ARM CIRC.	SIZE
330-40-1111	10.5cm	15.5 - 40.5 cm	S
330-50-1111	12.5cm	23 - 45.5 cm	М
330-60-1111	15cm	28 - 48 cm	L

### **OVEN**



#### INDICATIONS

Conveniently sized oven used to heat  $\mathsf{Exos}^*$  products, to gently mould the brace to the patient's limb.

#### **CHARACTERISTICS**

- · Electronic thermostat controls temperature range
- $\cdot$  Temperature settings (low 82°C, medium 93°C and high 104°C)
- · 0 30 minutes timer control

#### **ORDERING INFORMATION**

PART NUMBER	DESCRIPTION
800-OVEN-EURO	Oven, Exos, 230V, EURO
800-OVEN-AUS	Oven, Exos, 230V, AUS
800-OVEN-UK	Oven, Exos, 230V, UK
800-OVEN-US	Oven, Exos, 120V, US

### OVEN EXTENDER RING KIT

#### **INDICATIONS**

The thermal oven extension ring kit is designed to heat larger braces or brace components so that the heating element does not come into direct contact with any part of the product while heating.

#### CHARACTERISTICS

PART NUMBER	DESCRIPTION
800-XR	U

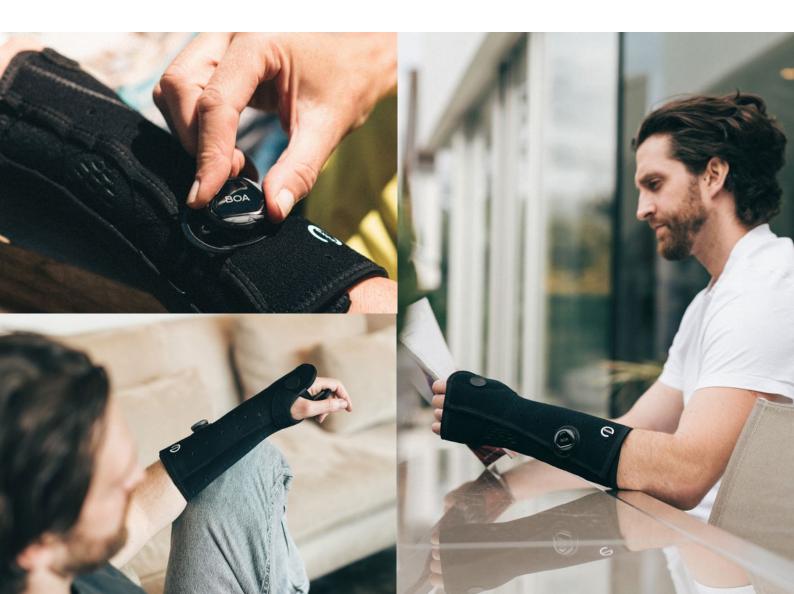
### **EDGING TAPE**

#### **INDICATIONS**

Edge Tape is used to cover the cut edges of Exos products. It can also be used to prevent chafing from hard edges.

#### **CHARACTERISTICS**

PART NUMBER	DESCRIPTION	
800-02-1111	Exos Edging tape Lycra-Black 1.9 x 30.48 cm	
800-1111	Exos Edging tape UBL-Black 2.54 x 60.96 cm	





#### **ACCESSORIES**

ACCESSORIES				
PART NUMBER	DESCRIPTION	SIZE	QUANTITY	
EDGE TAPE - LYCRA				
800-02	Edge tape - Lycra	1.90 - 30.48 cm	10 pk	
800-1111	Edge tape - UBL - BLACK = black trim	2.54 - 60.96 cm	10 pk	
EXOS° SHEET MATERIALS				
800-40-1111	Exos® Sheet Materials 0.101 cm thickness	45.72 - 60.96 cm	Each	
800-50-1111	Exos Sheet Materials 0.127 cm thickness	45.72 - 60.96 cm	Each	
800-65-1111	Exos Sheet Materials 0.165 cm thickness	45.72 - 60.96 cm	Each	
800-75-1111	Exos Sheet Materials 0.190 cm thickness	45.72 - 60.96 cm	Each	
BOA° ACCESSORIES				
800-ATK	Boa® Adjustable Tensioning Kit	N/A	Each	
800-LR	Boa Locking Ring Kit	N/A	Each	
OVENS				
800-Oven-EU	Oven, Exos, 230V, EURO	N/A	Each	
800-Oven-AUS	Oven, Exos, 230V, AUS	N/A	Each	
800-Oven-UK	Oven, Exos, 230V, UK	N/A	Each	
800-Oven-US	Oven, Exos, 120V, US	N/A	Each	
800-ER	Extender Ring	N/A	Each	
800-OVENBAG	Exos Oven Bag	N/A	Each	
OTHER ACCESSORIES				
800-DUFFLEBAG	Exos Duffle Bag	N/A	Each	
800-SIZINGTAPE	Exos Sizing Tape	N/A	Each	





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