



# Med Spec

Product Catalog



Medical Specialties continues to flourish while maintaining its heritage. John Gaylord incorporated Medical Specialties in September 1960 with the mission of providing the orthopedic and athletic markets with products that deliver superior performance and function at an exceptional value. MedSpec is unique in that it is still family owned and operated and John's vision carries on today with his sons Rick and Scott. Our focus on meeting your needs has helped our worldwide business continue to thrive. All of the Med Spec brand products are manufactured in the United States of America using state-of-the-art equipment and highly skilled employees. In addition, all of the products in this catalog are latex free.

For over a half century we have listened to orthopedic surgeons, athletic trainers, orthotists, therapists, and other valued customers to ensure we design and manufacture each Med Spec brand product to perform for the most demanding athletes and patients. On behalf of everyone at Med Spec, we would like to thank you, our valued customers, for entrusting our products to assist you in the care of your patients. We also invite those new to the Med Spec brand to experience the positive difference our products and renowned customer service can make.

## Table of contents

EVO® & ASO® ankle stabilizers	2 - 8
Foot & ankle	8 - 9
Wrist supports	10 - 15
Thumb supports	16 - 20
Elbow supports	21
Knee supports	22 - 26
Back supports	27 - 31
Armslings	32
Shoulder immobilizers	32 - 34
Belts & binders	35
Cervical collars	35



## EVO® Ankle Stabilizer

The EVO ankle stabilizer is an evolutionary step forward in ankle protection with its internal stirrup & external stabilizing straps and dynamic cuff. The patented design enables the EVO to comfortably provide greater support than the original ASO and better protection against high ankle sprains. The dynamic cuff and lining materials have been upgraded to better conform to the ankle above the malleoli and resist distal migration. The EVO is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains, syndesmotic ankle sprain (high ankle sprain), subtalar joint instability, and medial or lateral ankle instability. PDAC verified **L1902**

See sizing chart on page 5

Retail packaging

U.S. Patent No. 8,721,578; 8,808,215; 9,375,339; 9,737,430; 10,383,404

Australian Patent No. 2008317265

Canadian Patent No. 2,703,266

European Patent No. (AT, BE, CH, DE, DK, FR, GB, IE, NL, NO, SE) 2203135

Patent Pending

black	white	size	ankle circ.
264091	264081	x-small	10" - 11"
264092	264082	small	11" - 12"
264094	264084	medium	12" - 13"
264095	264085	large	13" - 14"
264096	264086	x-large	14" - 15"
264097	264087	xx-large	15" - 16"

## EVO® Quatro® Ankle Stabilizer

The EVO Quatro is a low-profile version of the regular EVO. The Quatro's boot design has been modified to reduce coverage around the mid-foot and allow for unrestricted plantar flexion, yet it maintains the EVO's patented design to offer a remarkable level of ankle stability. The EVO Quatro is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains, syndesmotic ankle sprain (high ankle sprain), subtalar joint instability, and medial or lateral ankle instability.

PDAC verified **L1902**

See sizing chart on page 5

U.S. Patent No. 8,721,578; 8,808,215;

9,375,339; 9,737,430; 10,383,404

Australian Patent No. 2008317265

Canadian Patent No. 2,703,266

European Patent No. (AT, BE, CH, DE, DK, FR, GB, IE, NL, NO, SE) 2203135

Patent Pending

black	white	size	ankle circ.
264231	264221	x-small	10" - 11"
264232	264222	small	11" - 12"
264234	264224	medium	12" - 13"
264235	264225	large	13" - 14"
264236	264226	x-large	14" - 15"
264237	264227	xx-large	15" - 16"



A portion of the elastic cuff has been removed and white straps used in the above photo for illustrative purposes

actual product

# EVO ankle stabilizers



A portion of the elastic cuff has been removed

actual product



*A portion of the elastic cuff has been removed and white straps used in the above photo for illustrative purposes*

*actual product*

## EVO ankle stabilizers



### **EVO® Speed Lacer™ Ankle Stabilizer**

The EVO Speed Lacer has the same internal stirrup & external stabilizing straps and dynamic cuff as the regular EVO with the addition of a speed lace closure mechanism that offers a faster application. Also, the boot portion of the EVO Speed Lacer is made from a knitted nylon material that is very comfortable and breathes well for extended wear. The EVO Speed Lacer is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains, syndesmotic ankle sprain (high ankle sprain), subtalar joint instability, and medial or lateral ankle instability. PDAC verified **L1902**

See sizing chart on page 5

Retail packaging

U.S. Patent No. 8,721,578; 9,737,430

Australian Patent No. 2008317265

Canadian Patent No. 2,703,266

European Patent No. (AT, BE, CH, DE, DK, FR, GB, IE, NL, NO, SE) 2203135

black	size	ankle circ.
264111	x-small	10" - 11"
264112	small	11" - 12"
264114	medium	12" - 13"
264115	large	13" - 14"
264116	x-large	14" - 15"
264117	xx-large	15" - 16"

### **EVO® Speed Lacer™ w/ Hinge Ankle Stabilizer**

The EVO Speed Lacer with Hinge ankle stabilizer is the EVO Speed Lacer with the addition of a removable plastic hinge, which allows for a progressive step-down treatment protocol. The low profile hinge fits easily inside most shoes. The detachable plastic hinge is self-adjusting and offers enhanced protection against ankle sprains. The EVO Hinge is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains, syndesmotic ankle sprain (high ankle sprain), subtalar joint instability, and medial or lateral ankle instability. PDAC verified **L1906**

See sizing chart on page 5

U.S. Patent No. 8,721,578; 9,737,430

Australian Patent No. 2008317265

Canadian Patent No. 2,703,266

European Patent No. (AT, BE, CH, DE, DK, FR, GB, IE, NL, NO, SE) 2203135

black	size	ankle circ.
264321	x-small	10" - 11"
264322	small	11" - 12"
264324	medium	12" - 13"
264325	large	13" - 14"
264326	x-large	14" - 15"
264327	xx-large	15" - 16"



### EVO® w/ Hinge Ankle Stabilizer

The EVO with Hinge consists of the regular EVO with the addition of a removable plastic hinge, which allows for a progressive step-down treatment protocol. The low profile hinge fits easily inside most shoes. The detachable plastic hinge is also self-adjusting and offers enhanced protection. The EVO with Hinge is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains, syndesmotic ankle sprain (high ankle sprain), subtalar joint instability, and medial or lateral ankle instability.

PDAC verified **L1906**

See sizing chart on page 5

U.S. Patent No. 8,721,578; 8,808,215;

9,375,339; 9,737,430; 10,383,404

Australian Patent No. 2008317265

Canadian Patent No. 2,703,266

European Patent No. (AT, BE, CH, DE, DK, FR, GB, IE, NL, NO, SE) 2203135

Patent Pending

black	size	ankle circ.
264311	x-small	10" - 11"
264312	small	11" - 12"
264314	medium	12" - 13"
264315	large	13" - 14"
264316	x-large	14" - 15"
264317	xx-large	15" - 16"



### EVO® Hybrid Lacer™ Ankle Stabilizer

The EVO Hybrid Lacer has the same internal stirrup & external stabilizing straps and dynamic cuff as the regular EVO with the addition of a hybrid lace closure system. The lower speed laces with hook & loop closure offer fast application and the upper traditional laces provide enhanced support. Also, the boot portion of the EVO Hybrid Lacer is made from a knitted nylon material that is very comfortable and breathes well for extended wear. The EVO Hybrid Lacer is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains, syndesmotic ankle sprain (high ankle sprain), subtalar joint instability, and medial or lateral ankle instability. **L1902**

See sizing chart on 5

Retail packaging

U.S. Patent No. 8,721,578; 8,808,215;

9,375,339; 9,737,430; 10,383,404

Australian Patent No. 2008317265

Canadian Patent No. 2,703,266

European Patent No. (AT, BE, CH, DE, DK, FR, GB, IE, NL, NO, SE) 2203135

black	size	ankle circ.
264341	x-small	10" - 11"
264342	small	11" - 12"
264344	medium	12" - 13"
264345	large	13" - 14"
264346	x-large	14" - 15"
264347	xx-large	15" - 16"

## EVO ankle stabilizers





The elastic cuff has been removed and white straps used in the above photo for illustrative purposes

actual product

# ASO ankle stabilizers

## Sizing charts

To determine the proper circumference of the ankle, measure the distance around the heel.

ankle circumference	
pedi	9" - 10"
xs	10" - 11"
s	11" - 12"
m	12" - 13"
l	13" - 14"
xl	14" - 15"
xxl	15" - 16"
xxxl	16" +



men's shoe size*	6-7	7½-9	9½-11	11½-13	13½-15	15+
Narrow	pedi	xs	s	m	l	xl
Regular	xs	s	m	l	xl	xxl
Wide	s	m	l	xl	xxl	xxxl
women's shoe size*	5-6	6½-8	8½-10	10½-12	12½-14	
Narrow	pedi	xs	s	m	l	
Regular	xs	s	m	m	l	
Wide	s	m	l	l	xl	

\*use shoe size as alternative to ankle circumference measurement

## ASO® Ankle Stabilizer

The original ASO ankle stabilizing orthosis provides excellent support, comfort and durability with angled stabilizing straps that contour above the malleoli, spacer mesh fabric in the tongue and on the inside of the boot along the Achilles tendon and an invisible seam at the rear portion of the boot. The ASO is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains and medial or lateral ankle instability.

PDAC verified **L1902**

See sizing chart below

Retail packaging

U.S. Patent No. 8,808,215; 9,375,339; 10,383,404

Patent Pending

black	white	size	ankle circ.
264019	264009	pediatric	9" - 10"
264011	264001	x-small	10" - 11"
264012	264002	small	11" - 12"
264014	264004	medium	12" - 13"
264015	264005	large	13" - 14"
264016	264006	x-large	14" - 15"
264017	264007	xx-large	15" - 16"
264018	264008	3x-large	16" +

## Ankle Support & Profile Comparison Charts

### Level of Support

more	EVO w/Hinge
	EVO Speed Lacer w/Hinge
	ASO Flex-Hinge
	EVO
	EVO Hybrid Lacer
	EVO Speed Lacer
	ASO w/Stays
	ASO Max
	ASO
	EVO Quatro
	ASO Speed Lacer
less	ASO Vortex

### Profile

high	ASO Flex-Hinge
	EVO Speed Lacer w/Hinge
	EVO w/Hinge
	ASO w/Stays
	EVO Speed Lacer
	EVO Hybrid Lacer
	ASO Speed Lacer
	EVO
	ASO Max
	ASO
	EVO Quatro
low	ASO Vortex

### ASO® Vortex® Ankle Stabilizer

The Vortex has a figure-eight stabilizing strap with an ultra low-profile design. The Vortex does not have a boot; instead it has an upper cuff member that has been upgraded to better anchor around the malleoli. The stabilizing straps are the only materials that spiral around the foot inside the shoe. The Vortex is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains and medial or lateral ankle instability.

**L1902**

U.S. Patent No. 9,393,146; 10,383,404

Canadian Patent No. 2,844,941

Patent Pending

See sizing chart on page 5

black	size	ankle circ.
264171	x-small	10" - 11"
264172	small	11" - 12"
264174	medium	12" - 13"
264175	large	13" - 14"
264176	x-large	14" - 15"
264177	xx-large	15" - 16"



## ASO ankle stabilizers

### ASO® Speed Lacer™ Ankle Stabilizer

The ASO Speed Lacer has the same great features as the original ASO with the addition of a speed lace closure mechanism that offers a faster application. Also, the boot portion of the ASO Speed Lacer is made from a knitted nylon material that is very comfortable and breathes well for extended wear. This product is ideal for elderly patients. The ASO Speed Lacer is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains and medial or lateral ankle instability.

PDAC verified **L1902**

See sizing chart on page 5

Retail packaging

black	white	size	ankle circ.
223619		pediatric	9" - 10"
223611	223601	x-small	10" - 11"
223612	223602	small	11" - 12"
223614	223604	medium	12" - 13"
223615	223605	large	13" - 14"
223616	223606	x-large	14" - 15"
223617	223607	xx-large	15" - 16"







**ASO® MAX™ Ankle Stabilizer**  
The ASO MAX is similar in design and material to the original ASO, except for the addition of Skinloc™ material lining the inside of the brace. This material allows the brace to be worn with or without a sock. When the ASO MAX is worn directly in contact with the skin, it provides maximum support and excellent comfort. Indications include: inversion or eversion ankle sprains and medial or lateral ankle instability.

**L1902**

See sizing chart on page 5

*Retail packaging*

U.S. Patent No. 8,808,215; 9,375,339;  
10,383,404 Patent Pending

black	size	ankle circ.
264041	x-small	10" - 11"
264042	small	11" - 12"
264044	medium	12" - 13"
264045	large	13" - 14"
264046	x-large	14" - 15"
264047	xx-large	15" - 16"

## ASO ankle stabilizers



**ASO® w/ Plastic Stays Ankle Stabilizer**  
The ASO with Plastic Stays has the same great features as the original ASO along with the addition of medial and lateral plastic stays to provide enhanced proprioceptive support. The removable plastic stays and padding have been upgraded to offer a lower profile and enhanced comfort. The ASO with Plastic Stays is bilateral and fits either the left or right foot. Indications include: inversion or eversion ankle sprains and medial or lateral ankle instability. PDAC verified **L1902**

See sizing chart on page 5

*Retail packaging*

U.S. Patent No. 8,808,215; 9,375,339;  
10,383,404 Patent Pending

black	white	size	ankle circ.
264031	223181	x-small	10" - 11"
264032	223182	small	11" - 12"
264034	223184	medium	12" - 13"
264035	223185	large	13" - 14"
264036	223186	x-large	14" - 15"
264037	223187	xx-large	15" - 16"



**ASO® Flex-Hinge™ Ankle Stabilizer**  
 The ASO Flex-Hinge combines the proven technology of the ASO's stabilizing strap system with an articulated plastic shell for superior ankle stabilization. The internal plastic shell with hinge is built into a ballistic nylon boot and flexes to conform to the anatomy of the ankle, which greatly enhances patient comfort and allows the stabilizing straps to restrain inversion and eversion. Indications include: inversion or eversion ankle sprains, syndesmotic ankle sprain (high ankle sprain), and medial or lateral ankle instability.

See sizing chart on page 5  
 U.S. Patent No. 7,651,472; 8,808,215;  
 9,375,339; 10,383,404  
 Patent Pending

black	size	ankle circ.
264071	x-small	10" - 11"
264072	small	11" - 12"
264074	medium	12" - 13"
264075	large	13" - 14"
264076	x-large	14" - 15"
264077	xx-large	15" - 16"



*Internal plastic shell is superimposed in the above photo for illustrative purposes.*

*actual product*

# Foot & Ankle

**Supinator™ PTT Stabilizer**  
 The Supinator is a comfortable and relatively low-profile brace for the treatment of posterior tibial tendon dysfunction (PTTD). With its patent pending design, the Supinator reduces over-pronation by applying a supinating force. The arch strap works in concert with a repositionable arch pad to lift the medial arch and the heel strap restricts eversion of the calcaneus (heel). The arch pad may be removed if desired and to allow the Supinator to be worn with an orthotic. In addition, the Supinator features the Speed Lacer II closure system for ease of application and equal tension across all laces.

**L1902**  
 See sizing chart on page 5  
 Patent pending

left	right	size	ankle circ.
264251	264261	x-small	10" - 11"
264252	264262	small	11" - 12"
264254	264264	medium	12" - 13"
264255	264265	large	13" - 14"
264256	264266	x-large	14" - 15"



*left foot pictured above*

*left foot pictured above*

800.334.4143



## Foot & Ankle



### Toe Strap for Phantom™ Dorsal Night Splint

item#	size
264120	univ

### Phantom™ Dorsal Night Splint

The comfortable low profile design of the Phantom Dorsal Night Splint enhances patient compliance since there are no hard or bulky surfaces to contact the opposing leg during sleep. In addition, the fully padded internal dorsal stays may be adjusted to increase or decrease dorsiflexion to the desired level. Non-skid material sewn to sole provides better traction when patients need to ambulate during the night. Elastic material sewn under midfoot provides additional tension on plantar fascia. Bilateral design fits left or right foot. **L4396** or **L4397**

item#	size	women's shoe size	men's shoe size
264122	small	5½ - 8	4½ - 7
264124	medium	8½ - 11	7½ - 10
264125	large	11½ - 13½	10½ - 12½
264126	x-large	14 - 16	13 - 15
264127	xx-large	16 +	15 +

### PFO® Plantar Fascia Orthosis

The PFO is a comfortable treatment option for plantar fasciitis. The high strength elastic strap applies uniform pressure under plantar fascia to provide continuous tension and stretching. **L1902**

item#	size
264144	small/medium
264146	large/x-large

Wrist Lacer™ II

With its unique lace closure design, the Wrist Lacer II provides equal tension across all four laces to easily generate uniform compression along the wrist support. This patented design offers superior comfort, immobilization and ease of application. The polypropylene felt liner and perforated suede allow moisture to evaporate away from the skin and the blue palmar pad offers enhanced support by matching the contour of the palm. The dorsal and palmar aluminum stays are removable to allow bending by a medical professional to create a custom fit.

L3908

Retail packaging

US Patent No. 10,966,857

8" wrist support

left	right	size	wrist circ.
223329	223339	pediatric	under 4¾"
223321	223331	x-small	4¾" - 5½"
223322	223332	small	5½" - 6¼"
223324	223334	medium	6¼" - 7"
223325	223335	large	7" - 7¾"
223326	223336	x-large	7¾" - 8½"
223327	223337	xx-large	8½" - 10"

10½" wrist support

left	right	size	wrist circ.
223361	223372	x-small	4¾" - 5½"
223362	223372	small	5½" - 6¼"
223364	223374	medium	6¼" - 7"
223365	223375	large	7" - 7¾"
223366	223376	x-large	7¾" - 8½"

Universal Wrist Lacer™ II

With its unique lace closure design, the Wrist Lacer II provides equal tension across all four laces to easily generate uniform compression along the wrist support. This patented design offers superior comfort, immobilization and ease of application. The repositionable dorsal stay pocket adjusts to fit a wide range of patient sizes. The polypropylene felt liner and knit nylon allow moisture to evaporate away from the skin and the blue palmar pad offers enhanced support by matching the contour of the palm. The dorsal and palmar aluminum stays are removable to allow bending by a medical professional to create a custom fit. L3908

Retail packaging

U.S. Patent No. 10,772,753

8" wrist support

left	right	size	wrist circ.
223350	223351	univ	5½" - 8½"

10½" wrist support

left	right	size	wrist circ.
223380	223381	univ	5½" - 8½"



Wrist Supports





blue palmar pad

sizing chart	
size	wrist circ.
pediatric	under 4 <sup>3</sup> / <sub>4</sub> "
x-small	4 <sup>3</sup> / <sub>4</sub> " - 5 <sup>1</sup> / <sub>2</sub> "
small	5 <sup>1</sup> / <sub>2</sub> " - 6 <sup>1</sup> / <sub>4</sub> "
medium	6 <sup>1</sup> / <sub>4</sub> " - 7"
large	7" - 7 <sup>3</sup> / <sub>4</sub> "
x-large	7 <sup>3</sup> / <sub>4</sub> " - 8 <sup>1</sup> / <sub>2</sub> "



# Wrist Supports



## Wrist Lacer™

Made with perforated suede and lined with polypropylene felt, the Wrist Lacer is an excellent choice for stabilization of wrist sprains or strains, carpal tunnel syndrome, and post cast support. The pull-tab lacing closure allows easy application while providing uniform support throughout the entire wrist. The Wrist Lacer also incorporates palmar and dorsal aluminum stays to resist flexion and extension of the wrist. The blue palmar pad, anatomically contoured design, and adjustable thumb strap provide a comfortable and supportive fit. **L3908**

Available in 8" and 10<sup>1</sup>/<sub>2</sub>" lengths.

Retail packaging

8" wrist support

black left	black right	size	beige left	beige right
223929	223939	pediatric		
223921	223931	x-small	223221	223231
223922	223932	small	223222	223232
223924	223934	medium	223224	223234
223925	223935	large	223225	223235
223926	223936	x-large	223226	223236

10<sup>1</sup>/<sub>2</sub>" wrist & forearm support

black left	black right	size	beige left	beige right
223952	223962	small	223552	223562
223954	223964	medium	223554	223564
223955	223965	large	223555	223565
223956	223966	x-large	223556	223566

## Universal Wrist Lacer™

The repositionable dorsal stay pocket allows the Universal Wrist Lacer to fit a wide range of patients. The Universal Wrist Lacer is lined with polypropylene felt for comfort and has a single-pull lace closure for ease of application. **L3908**

Available in 8" and 10<sup>1</sup>/<sub>2</sub>" lengths

Retail packaging

8" left	8" right	size	wrist circ.
223490	223491	univ	5 <sup>1</sup> / <sub>2</sub> " - 8 <sup>1</sup> / <sub>2</sub> "
10 <sup>1</sup> / <sub>2</sub> " left	10 <sup>1</sup> / <sub>2</sub> " right	size	wrist circ.
223500	223501	univ	5 <sup>1</sup> / <sub>2</sub> " - 8 <sup>1</sup> / <sub>2</sub> "



**V-Strap™ Wrist Support**

The V-Strap retention system provides extraordinary support and easy application. Made with perforated suede and a polypropylene felt liner, the V-Strap allows for moisture to evaporate away from the skin. The V-Strap also incorporates a palmar and a dorsal aluminum stays to resist flexion and extension of the wrist. The blue palmar pad, anatomically contoured design, and adjustable thumb strap provide a comfortable and supportive fit. **L3908**  
Available in 8" and 10½" lengths.  
*Retail packaging (8" only)*

8" wrist support

left	right	size	wrist circ.
223249	223259	pediatric	under 4¾"
223241	223251	x-small	4¾" - 5½"
223242	223252	small	5½" - 6¼"
223244	223254	medium	6¼" - 7"
223245	223255	large	7" - 7¾"
223246	223256	x-large	7¾" - 8½"
223247	223257	xx-large	8½" - 10"

10½" wrist & forearm support

left	right	size	wrist circ.
223262	223272	small	5½" - 6¼"
223264	223274	medium	6¼" - 7"
223265	223275	large	7" - 7¾"
223266	223276	x-large	7¾" - 8½"



V-Strap retention system



# Wrist Supports

**Universal V-Strap™ Wrist Support**

The Universal V-Strap may be opened up so that it can wrap around the patient's wrist without disturbing the thumb or fingers since it does not have a stockinette sleeve. The repositionable dorsal stay pocket allows it to also fit a wide range of patients. The outer nylon fabric and polypropylene felt liner allow moisture to evaporate away from the skin. The Universal V-Strap includes an elastic "flex-strap" and a strap retention system for easy application. The palmar stay is removable and malleable. **L3908**  
Available in 8" and 10½" lengths  
*Retail packaging (8"only)*

8" left	8" right	wrist circ.
223450	223451	5½" - 8½"
10½" left	10½" right	wrist circ.
223460	223461	5½" - 8½"





Tripod



Universal Tripod

# Wrist Supports



## Tripod™ Wrist Lacer™

In addition to flexion-extension control, the Tripod Wrist Lacer resists radial-ulnar deviation. Ulnar, palmar and dorsal aluminum stays work in concert to restrict radial-ulnar deviation and minimize flexion-extension of the wrist. Dual lace closure allows for easy one-handed application and adjustability. The polypropylene felt liner and perforated suede allow moisture to evaporate away from the skin and enhance patient compliance. The adjustable thumb strap permits unrestricted motion of the fingers and thumb. **L3908**

Retail packaging

left	right	size	wrist circ.
223301	223311	x-small	4 <sup>3</sup> / <sub>4</sub> " - 5 <sup>1</sup> / <sub>2</sub> "
223302	223312	small	5 <sup>1</sup> / <sub>2</sub> " - 6 <sup>1</sup> / <sub>4</sub> "
223304	223314	medium	6 <sup>1</sup> / <sub>4</sub> " - 7"
223305	223315	large	7" - 7 <sup>3</sup> / <sub>4</sub> "
223306	223316	x-large	7 <sup>3</sup> / <sub>4</sub> " - 8 <sup>1</sup> / <sub>2</sub> "

## Universal Tripod™ Wrist Lacer™

The repositionable dorsal stay pocket allows the Universal Tripod Wrist Lacer to fit a wide range of patients. The Universal Tripod Wrist Lacer is lined with polypropylene felt for comfort and has the same aluminum stay configuration as the sized version. **L3908**  
Patent pending

left	right	wrist circ.
223340	223341	5 <sup>1</sup> / <sub>2</sub> " - 8 <sup>1</sup> / <sub>2</sub> "

## Viper™ Wrist Support

The CoolFlex™ material and compression strap provide comfortable support. The strap retention system on the end of the compression strap allows for ease of application. The aluminum palmar stay resists flexion of the wrist, yet there is no dorsal stay to resist extension. The universal design fits a wide range of patient sizes. **L3908**

left	right	size	wrist circ.
223530	223531	univ	4 <sup>1</sup> / <sub>2</sub> " - 9"

### Motion Manager® Wrist Support

This neoprene wrist support is an excellent choice for providing functional motion. The contoured plastic palmar stay and the multi-density dorsal stays offer adjustability to provide the optimum level of flexion and extension control. A low profile design allows the range of motion needed to return to work safely. Bilateral design fits left or right hand. **L3908**

*Retail packaging*

item #	size	wrist circ.
223901	x-small	up to 5 $\frac{3}{4}$ "
223902	small	5 $\frac{3}{4}$ " - 6 $\frac{1}{2}$ "
223904	medium	6 $\frac{1}{2}$ " - 7 $\frac{1}{4}$ "
223905	large	7 $\frac{1}{4}$ " - 8"
223906	x-large	over 8"



## Wrist Supports

### Compressor™ Wrist Support

The compressor strap on this wrist support provides compression along the carpal region. It works in conjunction with the plastic stays to create a functional wrist support that limits the range of flexion and extension of the wrist. The patented strap retention system on the end of the compressor strap allows for ease of application. **L3908**

left	right	size	wrist circ.
223802	223812	small	5" - 6"
223804	223814	medium	6" - 7"
223805	223815	large	7" - 8"
223806	223816	x-large	8" - 9"





# Wrist & Hand Supports



www.medspec.com

## GelFlex® Wrist Support

The GelFlex significantly reduces excessive scarring at the incision site following carpal tunnel surgery. The contoured polymer gel pad is formulated with a medical grade mineral oil to improve the skin's elasticity. Additionally, the GelFlex Wrist protects the incision site from external forces, thereby reducing discomfort caused by hypersensitivity. The plastic palmar stay may be removed to allow for a progressive treatment protocol.

PDAC verified **L3908**

left	right	size	wrist circ.
223821	223831	x-small	4" - 5"
223822	223832	small	5" - 6"
223824	223834	medium	6" - 7"
223825	223835	large	7" - 8"
223826	223836	x-large	8" - 9"

## Carpal Gel Pad

The Carpal Gel Pad is designed to reduce scarring and hypersensitivity at the incision site following carpal tunnel surgery, and it is the same contoured polymer gel pad enriched with mineral oil that is used on the GelFlex Wrist. The Carpal Gel Pad is packaged and sold individually. The Carpal Gel Pad has adhesive on the back that will allow it to be attached to the inside of the Wrist Lacer, V-Strap Wrist, Motion Manager, Viper Wrist, Compressor Wrist, and Ryno Lacer. **A6025**

item #	size
223840	universal

## Med Spec® Boxer Splint

The Boxer Splint is easy to adjust and offers superior comfort and support to enhance compliance. It is indicated for fourth or fifth metacarpal fractures. The malleable palmar and dorsal aluminum stays are easily bent by a medical professional to create a custom fit. The molded plastic clamshell design protects and supports the fourth and fifth metacarpals without restricting the flexion of the MP joints. The polypropylene felt liner provides superb padding and allows moisture to evaporate away from the skin. The metacarpal closure strap features our patented V-Strap Retention System that prevents the strap from sliding out of the plastic buckle when applying or removing the splint.

**L3807 or L3809**

U.S. Patent No. 8,246,560

left	right	size	wrist circ.
223571	223581	x-small	4" - 5"
223572	223582	small	5" - 6"
223574	223584	medium	6" - 7"
223575	223585	large	7" - 8 1/4"
223576	223586	x-large	8 1/4" - 9 1/2"



## Ryno Lacer® II Long Wrist & Thumb Support

With its patent pending design, the Ryno Lacer II provides equal tension across all laces offering supreme comfort, ease of application and superior immobilization of the wrist and thumb. The tension can be easily adjusted for patients with disproportionate forearm and wrist circumferences. Soft proprietary felt liner contains polypropylene and wicks moisture away from the skin. The outer perforated suede laminated to the felt maintains breathability and strengthens support. Memory foam padding in palm and around base of thumb enhances comfort and support. The dorsal, palmar and radial aluminum stays are removable to allow bending by a medical professional to create a custom fit. **L3807** or **L3809**

*Retail packaging*

*Patent pending*

black left	black right	size	wrist circ.
223711	223721	x-small	4¾" - 5½"
223712	223722	small	5½" - 6¼"
223714	223724	medium	6¼" - 7"
223715	223725	large	7" - 7¾"
223716	223726	x-large	7¾" - 8½"

Long Ryno palmar length = 9"



# Thumb Supports

## Universal Ryno Lacer® II Long Wrist & Thumb Support

With its patent pending design, the Ryno Lacer II provides equal tension across all laces offering supreme comfort, ease of application and superior immobilization of the wrist and thumb. The tension can be easily adjusted for patients with disproportionate forearm and wrist circumferences. Universal design is achieved with dorsal stay casing that can be easily repositioned to fit a wide range of patient size. The dorsal, palmar and radial aluminum stays are removable to allow bending by a medical professional to create a custom fit. Soft proprietary felt liner contains polypropylene and wicks moisture away from the skin. Memory foam padding in palm and around base of thumb enhances comfort and support. **L3807** or **L3809**

*Retail packaging*

*Patent pending*

long left	long right	size	wrist circ.
223760	223761	univ	5½" - 8½"





### Ryno Lacer® II Short Wrist & Thumb Support

With its patent pending design, the Ryno Lacer II provides equal tension across all laces offering supreme comfort, ease of application and superior immobilization of the wrist and thumb. The tension can be easily adjusted for patients with disproportionate forearm and wrist circumferences. Soft proprietary felt liner contains polypropylene and wicks moisture away from the skin. The outer perforated suede laminated to the felt maintains breathability and strengthens support. Memory foam padding in palm and around base of thumb enhances comfort and support. The dorsal, palmar and radial aluminum stays are removable to allow bending by a medical professional to create a custom fit. **L3807** or **L3809**

*Retail packaging*

Patent pending

black left	black right	size	wrist circ.
223731	223741	x-small	4¾" - 5½"
223732	223742	small	5½" - 6¼"
223734	223744	medium	6¼" - 7"
223735	223745	large	7" - 7¾"
223736	223746	x-large	7¾" - 8½"

Short Ryno palmar length = 7½"

## Thumb Supports



### Universal Ryno Lacer® II Short Wrist & Thumb Support

With its patent pending design, the Ryno Lacer II provides equal tension across all laces offering supreme comfort, ease of application and superior immobilization of the wrist and thumb. The tension can be easily adjusted for patients with disproportionate forearm and wrist circumferences. Universal design is achieved with dorsal stay casing that can be easily repositioned to fit a wide range of patient size. The dorsal, palmar and radial aluminum stays are removable to allow bending by a medical professional to create a custom fit. Soft proprietary felt liner contains polypropylene and wicks moisture away from the skin. Memory foam padding in palm and around base of thumb enhances comfort and support. **L3807** or **L3809**

*Retail packaging*

Patent pending

short left	short right	size	wrist circ.
223770	223771	univ	5½" - 8½"

## Ryno Lacer®

### Wrist & Thumb Support

The Ryno Lacer is made of perforated suede and lined with polypropylene felt. The dorsal, palmar, and radial aluminum stays provide excellent immobilization of the thumb while restricting flexion and extension of the wrist. The pull tab lacing closure allows for easy application.

**L3807 or L3809**

*Retail packaging*

#### Long Ryno Lacer®

<u>black left</u>	<u>black right</u>	<u>size</u>	<u>beige left</u>	<u>beige right</u>
223981	223991	x-small	223781	223791
223982	223992	small	223782	223792
223984	223994	medium	223784	223794
223985	223995	large	223785	223795
223986	223996	x-large	223786	223796

Long Ryno palmar length = 9"

#### Short Ryno Lacer®

<u>black left</u>	<u>black right</u>	<u>size</u>
223889	223899	pediatric
223881	223891	x-small
223882	223892	small
223884	223894	medium
223885	223895	large
223886	223896	x-large

Short Ryno palmar length = 7½"

<u>size</u>	<u>wrist circ.</u>
pediatric	under 4¾"
x-small	4¾" - 5½"
small	5½" - 6¼"
medium	6¼" - 7"
large	7" - 7¾"
x-large	7¾" - 8½"
univ	5½" - 8½"



Short Ryno

Long Ryno

# Thumb Supports

## Universal Ryno Lacer®

### Wrist & Thumb Support

The Universal Ryno Lacer has the same dorsal, palmar, and radial aluminum stay configuration and lace closure as the sized Ryno Lacer. However, the dorsal stay casing may easily be repositioned to fit various size patients. In addition, the polypropylene felt lining provides superior comfort.

**L3807 or L3809**

*Retail packaging*

<u>long left</u>	<u>long right</u>	<u>size</u>	<u>wrist circ.</u>
223520	223521	univ	5½" - 8½"
<u>short left</u>	<u>short right</u>	<u>size</u>	<u>wrist circ.</u>
223510	223511	univ	5½" - 8½"



Short Ryno

Long Ryno



### Tee Pee™ Thumb Protector

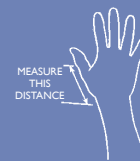
This unique configuration with its three aluminum stays forms the “Tee Pee” that provides a safe and stable haven for the thumb. Each stay can be shaped and contoured with ease by a medical professional to provide a custom fit. Does not restrict wrist motion.

PDAC verified **L3923** or **L3924**

Bilateral-fits left or right thumb

Retail packaging

item #	size	measurement
223081	x-small	under 3 1/2"
223082	small	3 1/2" - 4 1/8"
223084	medium	4 1/8" - 4 5/8"
223085	large	4 5/8" - 5 1/8"
223086	x-large	over 5 1/8"



#### Sizing for the TeePee:

To determine proper size, measure the linear distance from the dorsal crease of the thumb IP joint to the peak of the radial styloid process.

## Thumb Supports



### Suede Thumb Support

Easily applied thumb support to help control pain due to arthritis, tendinitis, or deQuervain's syndrome. Malleable aluminum thumb splint may be adjusted for a custom fit.

PDAC verified **L3923** or **L3924**

available in 7 1/2" and 9"

Short	Long	size
223180	223190	univ



### CMC-X™ Thumb Stabilizer

The CMC-X™ Thumb Stabilizer helps provide your patients with pain relief from CMC joint arthritis. The “X” straps are easily adjusted to position the first metacarpal (base of thumb) in the desired degree of abduction to help stabilize the CMC joint while still allowing the thumb to have functional mobility. The adjustable stay pod works in concert with the “X” straps to provide gentle pressure and help stabilize the CMC joint. The stay pod contains a malleable aluminum stay and is easily bent and repositioned by a medical provider for a customized fit. The body of the CMC-X is made from hypoallergenic CoolFlex™ material for comfort and compression. The CMC-X must be purchased in either a left or right size. **L3923** or **L3924**

U.S. Patent # 10,842,661

left	right	size	wrist circ.
224451	224461	x-small	under 5½”
224452	224462	small	5½” - 6¼”
224454	224464	medium	6¼” - 7”
224455	224465	large	7” - 7¾”
224456	224466	x-large	over 7¾”



### CMC-X™ Lacer Thumb Stabilizer

The CMC-X™ Lacer Thumb Stabilizer has the same “X” straps and stay pod as the original CMC-X Thumb Stabilizer. However, the CMC-X Lacer has a speed lacer closure system around the wrist for faster application and is bilateral so a given size will fit both the left or right thumb. The body of the CMC-X is made from hypoallergenic CoolFlex™ material for comfort and compression. **L3923** or **L3924**  
U.S. Patent # 10,842,661

item #	size	wrist circ.
224471	x-small	under 5½”
224472	small	5½” - 6¼”
224474	medium	6¼” - 7”
224475	large	7” - 7¾”
224476	x-large	over 7¾”

## Thumb Supports



### CMC Thumb Support

The CMC Thumb Support aids in the treatment of arthritis and instability of the CMC (carpometacarpal) joint. The unique design of the internal padded stay in combination with the outer elastic strap provides focal compression at the base of the thumb and helps stabilize the CMC joint. The CMC Thumb Support provides this functional stabilization without restricting the use of the thumb in pinching or grasping objects. **L3923** or **L3924**

left	right	size	wrist circ.
224421	224431	x-small	under 5½”
224422	224432	small	5½” - 6¼”
224424	224434	medium	6¼” - 7”
224425	224435	large	7” - 7¾”
224426	224436	x-large	over 7¾”





## Med Spec® Cubital Tunnel Brace

The Cubital Tunnel Brace is a low-profile night splint that comfortably holds the elbow in a neutral position for the treatment of cubital tunnel syndrome. Ventral design, with no exposed rigid materials, enhances patient compliance during sleep. Adjustable aluminum stay allows elbow to be positioned at the optimum angle. Patented V-Strap™ retention system provides easier application by holding the proximal and distal closure straps within their plastic buckles. Middle strap may be removed if desired for various treatment protocols. **L3762**

item #	size	circ.*
223444	small/medium	6" - 15"
223446	large/x-large	10" - 19"

\*circumference of upper arm at mid bicep



## EpiGel® Tennis Elbow

A comfortable, low profile design that aids in the treatment of tennis elbow (lateral epicondylitis) or golfer's elbow (medial epicondylitis). The EpiGel elbow support provides relief with two adjustable gel pads that compress the extensor and flexor muscles without creating a tourniquet around the forearm. The soft gel pads also dampen vibration. The unique strap retention system allows for easy application. **A4467**  
Retail packaging

item #	size	elbow circ.*
223410	univ	8" - 14"

\*circumference of forearm just below elbow

# Elbow Supports



## EpiFoam™ Tennis Elbow

The single foam pad compresses extensor muscles to relieve lateral epicondylitis or flexor muscles to relieve medial epicondylitis. The unique strap retention system allows for easy application. The EpiFoam features a universal design which fits the right or left arm. **A4467**

item #	size	elbow circ.*
223420	univ	8" - 14"

\*circumference of forearm just below elbow



## EpiStrap™ Tennis Elbow

The EpiStrap™ Tennis Elbow support has the same strap design as the EpiGel™ and EpiFoam™ Tennis Elbow supports. However, the EpiStrap does not have any gel or foam pads. The unique strap retention system allows for easy application and the universal design fits the right or left arm. **A4467**

item #	size	elbow circ.*
223430	univ	8" - 15"

\*circumference of forearm just below elbow

## AirShift™ OA Knee Brace

The AirShift™ OA knee brace uses an air bladder system to comfortably unload the opposite compartment of the knee. The AirShift is primarily used to treat unicompartmental osteoarthritis. The AirShift may also be used to treat postoperative unicompartmental cartilage repairs. The AirShift has a single hinge that is always placed opposite the compartment that is being treated. The 11718X fits on the left knee to unload the medial compartment or the right knee to unload the lateral compartment. The 11719X fits on the right knee to unload the medial compartment or the left knee to unload the lateral compartment. With its wraparound design and high quality materials, the AirShift provides superior patient compliance and durability. **L1843** or **L1851**  
Patent pending

medial comp. left  
or lateral comp. right

size

117184	small/medium
117186	large/x-large
117188	2x/3x-large

medial comp. right  
or lateral comp. left

size

117194	small/medium
117196	large/x-large
117198	2x/3x-large



size	6" above	mid-patella	6" below
small/medium	15" - 19"	12" - 16"	12" - 16"
large/x-large	19" - 25"	16" - 20"	16" - 20"
2x/3x-large	25" - 33"	20" - 24"	20" - 24"

## Patellavator® Knee Orthosis

The Patellavator Knee Orthosis has a unique design that applies variable pressure to the patellar tendon without creating a tourniquet around the leg or irritating the popliteal. This is achieved by having an interlocking base strap made of Coolflex material which is very comfortable and flexes with the knee. Offers a low profile design that eliminates irritation to the opposite leg. **A4467**

Retail packaging

U.S. Patent No. 6,852,088

U.S. Patent No. 7,264,605

item #	size	knee circ.
223622	small	11" - 13"
223624	medium	13" - 15½"
223625	large	15½" - 17½"
223626	x-large	17½" - 19½"
223627	xx-large	19½" - 22"

\*measure knee circumference just below patella (knee cap)



# Knee Supports



## Knee Supports



### DynaTrack™ Plus Patella Stabilizer

The DynaTrack Plus Patella Stabilizer contains medial and lateral plastic hinges which enhance the brace's ability to conform to the knee during flexion. With its patented design, the DynaTrack Plus aids in the treatment of patellofemoral dysfunction. The buttress is lined with Skinloc™ material and makes direct contact with the patella. The straps connected to the buttress allow you to easily adjust the level of tension. The anterior closure design allows for ease of application and an optimum fit. A large popliteal opening permits a high degree of flexion with no discomfort. Bilateral design fits left or right knee. **L1820**

Retail packaging

U.S. Patent No. 7,004,919

neoprene	coolflex	size	knee circ.
117001	117021	x-small	10" - 12"
117002	117022	small	12" - 14"
117004	117024	medium	14" - 16"
117005	117025	large	16" - 18"
117006	117026	x-large	18" - 20"
117007	117027	xx-large	20" - 22"
117008	117028	3x-large	over 22"

\*circumference of knee at mid patella

### DynaTrack™ Patella Stabilizer with Metal Hinges

The DynaTrack with Metal Hinges has the same patented design as the DynaTrack Plus with the addition of medial and lateral metal hinges for extraordinary stability. The anterior closure design allows for ease of application and an optimum fit. An internal SkinLoc™ pad restricts distal migration. The DynaTrack with Metal Hinges must be purchased in a left or right configuration. The left configuration applies pressure to the lateral aspect of the patella on the left knee and the right configuration applies pressure to the lateral aspect of the patella on the right knee. The DynaTrack with Metal Hinges is only available in a CoolFlex™ version. **L1820**

U.S. Patent No. 7,004,919

left	right	size	knee circ.
117041	117051	x-small	10" - 12"
117042	117052	small	12" - 14"
117044	117054	medium	14" - 16"
117045	117055	large	16" - 18"
117046	117056	x-large	18" - 20"
117047	117057	xx-large	20" - 22"

\*circumference of knee at mid patella



## Gripper™ Hinged Knee

The Gripper™ Hinged Knee Brace provides medial and lateral stability and resists distal migration due to an internal SkinLoc™ pad that works in concert with the outer closure strap to grip the proximal end of the calf muscle. Hinge pockets are reinforced in the center and at either end with ballistic nylon material to enhance durability. Wraparound anterior closure allows for ease of application and an optimum fit. The Gripper is available in two different base materials: Neoprene and CoolFlex™. The neoprene version provides warmth and superior compression. The CoolFlex version is breathable and hypoallergenic. **L1820**  
Retail packaging (12" only)

### 12" Gripper

### 12" Gripper 2

neoprene	coolflex	size	neoprene
3/16"			1/8"
117011	117031	x-small	117151
117012	117032	small	117152
117014	117034	medium	117154
117015	117035	large	117155
117016	117036	x-large	117156
117017	117037	xx-large	117157
117018	117038	3x-large	117158
117019	117039	4x-large	117159
117010	117030	5x-large	

### 12" Gripper ROM

neoprene	size	coolflex
117162	small	117172
117164	medium	117174
117165	large	117175
117166	x-large	117176
117167	xx-large	117177

The Gripper 12" is available with the following hinge options:

Single axis aluminum (**L1820**)

Range-Of-Motion (**L1832**)

### 16" Gripper with Neoprene

geared	size	rom
117072	small	117132
117074	medium	117134
117075	large	117135
117076	x-large	117136
117077	xx-large	117137
	3x-large	117138

### 16" Gripper with CoolFlex

geared	size	rom
117082	small	117142
117084	medium	117144
117085	large	117145
117086	x-large	117146
117087	xx-large	117147
	3x-large	117148

The Gripper 16" is available with the following hinge options:

Geared polycentric aluminum (**L1820**)

Range-Of-Motion (**L1832** or **L1833**)



Size	6" Above	Mid-Patella	6" Below
x-small	11" - 13"	10" - 12"	10" - 12"
small	13" - 16"	12" - 14"	12" - 14"
medium	16" - 18"	14" - 16"	13" - 15"
large	18" - 21"	16" - 18"	15" - 17"
x-large	21" - 24"	18" - 20"	17" - 19"
xx-large	24" - 27"	20" - 22"	19" - 21"
3x-large	27" - 31"	22" - 24"	21" - 23"
4x-large	31" - 35"	24" - 26"	23" - 26"
5x-large	35" - 39"	26" - 28"	26" - 29"

\*Use mid-patella measurement for primary sizing info



Flexion/Extension stops at 0°, 15°, 30°, 60° and 90°

800.334.4143



# Knee Supports



## AKS™ Knee Support

The AKS Knee Support has a unique adjustable closure design with distal and proximal openings that allows for easy application and ability to fit various patient shapes. In addition, compression can be adjusted to the desired level. Soft patellar buttress is adjustable and works in concert with closed popliteal sleeve to provide circumferential compression around the knee and focal compression around the patella. Bilateral design fits left or right knee. Neoprene version provides greater compression and warmth. CoolFlex version is breathable and lightweight for superior comfort.

## AKS™ Knee Support with Plastic Hinges

Plastic hinges enhance the brace's ability to conform to the knee during flexion. Internal Skinloc™ pad and plastic hinges function synergistically to resist distal migration and vertical bunching.

**L1810 or L1812**

neoprene	coolflex	size	knee circ.
117091	117101	x-small	10" - 12"
117092	117102	small	12" - 14"
117094	117104	medium	14" - 16"
117095	117105	large	16" - 18"
117096	117106	x-large	18" - 20"
117097	117107	xx-large	20" - 22"
117098	117108	3x-large	over 22"

\*circumference of knee at mid patella

## AKS™ Knee Support with Metal Hinges & Straps

Metal hinges and nylon straps provide medial and lateral stability. Hinge pockets are reinforced with ballistic nylon for durability. Condylar pads enhance comfort. Internal Skinloc™ pad and metal hinges function synergistically to resist distal migration and vertical bunching.

**L1820**

neoprene	coolflex	size	knee circ.
117111	117121	x-small	10" - 12"
117112	117122	small	12" - 14"
117114	117124	medium	14" - 16"
117115	117125	large	16" - 18"
117116	117126	x-large	18" - 20"
117117	117127	xx-large	20" - 22"
117118	117128	3x-large	over 22"

\*circumference of knee at mid patella

Universal Foam  
Knee Immobilizer

This lightweight, foam knee immobilizer provides a wide range of fittings. A key benefit is the reduction of migration due to the five elastic circumferential straps holding it firmly in place. Malleable medial and lateral stays provide customization for additional support. Sturdy posterior stays keep the leg in full extension. **L1830**

item #	size	thigh circ.
223690	12" universal	up to 20"
223660	16" universal	up to 24½"
223665	18" universal	up to 26½"
223670	20" universal	up to 29"
223677	20" universal	up to 33"
223675	22" universal	up to 31½"
223680	24" universal	up to 33¼"
223687	24" universal	up to 37"



Knee Supports

Med Spec® Padded Knee Sleeve

The Padded Knee Sleeve is made with a premium grade neoprene and two sided nylon fabric to provide compression, warmth, and durability. The anterior pad is a full 1/8" thick to offer enhanced protection and comfort. The open patella relieves patella pressure and assists in optimum positioning. Closed popliteal and anatomical design maintain uniform compression around the knee. **A4467**

item #	size	knee circ.
117061	x-small	12" - 13"
117062	small	13" - 14"
117064	medium	14" - 15"
117065	large	15" - 16"
117066	x-large	16" - 18"
117067	xx-large	18" - 20"
117068	3x-large	20" - 23"

\*circumference of knee at mid patella





Archimed 631 Universal Spinal Brace pictured above



## Back Supports



### Archimed® Universal Spinal Brace

The Archimed Universal features adjustable fabric panels that easily slide to fit patients with waist ranging from 29" to 57" and up to 72" with an extension panel. The new dual pulley-cord closure system is now covered and works in concert with the anterior and posterior rigid panels to more easily generate circumferential compression and stabilize the lower spine. The Archimed 627 Universal has a posterior panel that extends from above L-1 to below L-5 vertebra and is PDAC verified **L0627** or **L0642**. The Archimed 631 Universal has a posterior panel that extends from the sacrococcygeal junction to T-9 vertebra and is PDAC verified **L0631** or **L0648**. The Archimed 637 Universal has a posterior panel that extends from the sacrococcygeal junction to T-9 vertebra and comes with repositionable side panels and is PDAC verified **L0637** or **L0650**.  
U.S. Patent No. 9,808,369

product	item #	size	waist dimen.
Archimed 627	163320	universal	29" - 57"
Archimed 631	163310	universal	29" - 57"
Archimed 637	163330	universal	29" - 57"

### Archimed® Universal Spinal Brace Extension Panel

item #	waist dimen.
163390	57" - 72"

### Archimed® 627 Spinal Brace

The Archimed 627 Spinal Brace is a lumbar orthosis that utilizes a dual pulley-lace closure system to provide a combined 6 to 1 mechanical advantage and has the lowest profile of all the Archimed braces. The anterior and posterior plastic panels work in concert with the pulley-lace closure system to easily generate circumferential compression and stabilize the lower spine in the sagittal plane. The anterior panel is removable and allows for a step down treatment protocol. The posterior panel extends from above L-1 to below L-5 vertebra.

PDAC verified **L0627** or **L0642**

item #	size	waist dimen.
163322	small	27" - 31"
163324	medium	32" - 38"
163325	large	39" - 45"
163326	x-large	46" - 52"
163327	xx-large	53" - 59"
163328	3x-large	over 59"



### Archimed® 631 Spinal Brace

The Archimed 631 Spinal Brace is a lumbar-sacral orthosis that utilizes a dual pulley-lace closure system to provide a combined 6 to 1 mechanical advantage. The anterior and posterior plastic panels work in concert with the pulley-lace closure system to easily generate circumferential compression and stabilize the lumbar spine in the sagittal plane. The anterior panel is removable and allows for a step down treatment protocol. The posterior panel extends from the sacrococcygeal junction to the T-9 vertebra and is lined with contoured padding that evenly distributes the forces along the lordotic curve.

PDAC verified **L0631** or **L0648**

<u>item #</u>	<u>size</u>	<u>waist dimen.</u>
163312	small	27" - 31"
163314	medium	32" - 38"
163315	large	39" - 45"
163316	x-large	46" - 52"
163317	xx-large	53" - 59"
163318	3x-large	over 59"



## Back Supports

### Archimed® 637 Spinal Brace

The Archimed 637 Spinal Brace is a lumbar-sacral orthosis that utilizes a dual pulley-lace closure system to provide a combined 6 to 1 mechanical advantage. The anterior, lateral and posterior plastic panels work in concert with the pulley-lace closure system to easily generate circumferential compression and stabilize the lumbar spine in the coronal and sagittal planes. The anterior and lateral panels are integrated into the belt and conform to the patient's anatomy. The posterior panel extends from the sacrococcygeal junction to the T-9 vertebra and is lined with contoured padding that evenly distributes the forces along the lordotic curve.

PDAC verified **L0637** or **L0650**

<u>item #</u>	<u>size</u>	<u>waist dimen.</u>
163332	small	27" - 31"
163334	medium	32" - 38"
163335	large	39" - 45"
163336	x-large	46" - 52"
163337	xx-large	53" - 59"
163338	3x-large	over 59"





### Back-n-Black™

This lumbar-sacral support features two flexible plastic abdominal panels, a semi-rigid sacral pad, and an inelastic circumferential nylon strapping system that produces intra-abdominal pressure to reduce load on the lumbar spine. This patented design provides a surprising level of support and comfort.

PDAC verified **L0626** or **L0641**

Anterior (front) height: 6"

Posterior (back) height: 10"

Retail packaging

item #	size	waist dimen.
I 63201	x-small	22" - 26"
I 63202	small	27" - 31"
I 63204	medium	32" - 38"
I 63205	large	39" - 45"
I 63206	x-large	46" - 52"
I 63207	xx-large	53" - 59"
I 63208	3x-large	over 59"

## Back Supports



### Back-n-Black™ Low Profile

This lumbar support incorporates the same patented design features of the regular Back-n-Black. This support is ideal for short-statured or female patients as the vertical dimension is 2" shorter than the regular Back-n-Black. In addition, the soft plush lining allows this support to be worn comfortably next to the skin.

PDAC verified **L0625**

Anterior (front) height: 4"

Posterior (back) height: 8"

Retail packaging

item #	size	waist dimen.
I 63241	x-small	22" - 26"
I 63242	small	27" - 31"
I 63244	medium	32" - 38"
I 63245	large	39" - 45"
I 63246	x-large	46" - 52"
I 63247	xx-large	53" - 59"

**Back-n-Black™  
with Thermo Pocket**

This lumbar support features two flexible plastic abdominal panels, an inelastic nylon strapping system, and a posterior pocket that can accommodate a thermoplastic insert. When fitted with the thermoplastic insert, this design offers a superior level of support. PDAC verified **L0625**  
Anterior (front) height: 6"  
Posterior (back) height: 9"  
Insert sold separately - item #: 163000  
*Retail packaging*

<u>item #</u>	<u>size</u>	<u>waist dimen.</u>
163222	small	27" - 31"
163224	medium	32" - 38"
163225	large	39" - 45"
163226	x-large	46" - 52"
163227	xx-large	53" - 59"

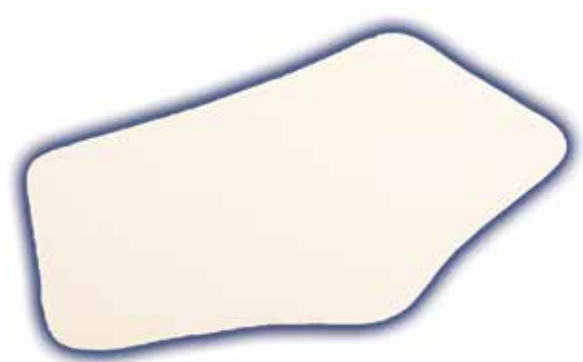


# Back Supports

**Thermoplastic Moldable Insert**

This moldable insert is designed to fit in the posterior pocket of the Back-n-Black with Thermo Pocket and Back-n-Shape II. It may be heated and remolded to provide a custom fit.

<u>item #</u>	<u>size</u>	<u>waist dimen.</u>
163000	univ	7½" x 13"





### Back-n-Black™ with Dual Panels

The rigid anterior and posterior panels on the Back-n-Black™ with Dual Panels work in concert with the inelastic nylon strapping system to increase the intra-abdominal pressure, thereby decreasing the load on the intervertebral discs and surrounding musculoskeletal structures of the lumbar spine. Both panels are included and may be heated and remolded to provide a custom fit. PDAC verified **L0627** or **L0642**  
Anterior (front) height: 6"  
Posterior (back) height: 9"

item #	size	waist dimen.
163252	small	27" - 31"
163254	medium	32" - 38"
163255	large	39" - 45"
163256	x-large	46" - 52"
163257	xx-large	53" - 59"

## Back Supports



### Sacroiliac (SI) Belt

With its unique design, the Med Spec® SI Belt helps stabilize and support the sacroiliac joints. The inner elastic belt with plush lining may be worn directly next to the skin and underneath clothing. Strategically placed SkinLoc™ pads grip the skin or underlying clothing to prevent the belt from migrating. The outer nylon belt provides the circumferential pressure necessary to stabilize the sacroiliac joints. The low profile posterior plastic panel and foam pad provide additional compression to the sacrum and help immobilize the sacroiliac joints.

Anterior (front) height: 3"  
Posterior (back) height: 3"  
PDAC verified **L0621**

item #	size	waist dimen.
163302	small	26" - 31"
163304	medium	31" - 38"
163305	large	38" - 45"
163306	x-large	45" - 52"
163307	xx-large	52" - 59"



### Padded Arm Sling

The Med Spec® Padded Arm Sling features a soft padded shoulder strap that provides exceptional comfort. The shoulder strap is made from a material that provides greater durability and resistance to stretching. The material used in the construction of the envelope is durable, yet it is still very comfortable and breathes well. **A4566**

navy	black	size	measurement
183260	183360	univ	up to 16"
183269	183369	xx-small	up to 12"
183261	183361	x-small	up to 13"
183262	183362	small	up to 14"
183264	183364	medium	up to 15"
183265	183365	large	up to 16"
183266	183366	x-large	up to 17"
183267	183367	xx-large	up to 18"



## Armslings & Shoulder Immobilizers

### Shoulder Immobilizer

The Med Spec® Shoulder Immobilizer features a soft padded shoulder strap that provides exceptional comfort. In addition, the soft padded waist strap restricts abduction and external rotation of the shoulder. The shoulder and waist strap are made from a material that provides greater durability and resistance to stretching. The material used in the construction of the envelope is durable, yet it is still very comfortable and breathes well. The single plastic ring above the hand allows for easy application of the shoulder strap. Bilateral design fits right or left shoulder. **L3670**

item #	size	measurement
183370	univ	up to 16"
183371	x-small	up to 13"
183372	small	up to 14"
183374	medium	up to 15"
183375	large	up to 16"
183376	x-large	up to 17"
183377	xx-large	up to 18"



### Sizing for the Arm & Shoulder Slings:

To determine proper size, measure the linear distance from the olecranon process (tip of elbow) to the 5th MP joint (knuckles).





## Outrigger® II Shoulder Immobilizer

The new Outrigger II has a more comfortable shoulder pad and thumb strap. A unique fastening tab allows the shoulder pad to be easily repositioned along the shoulder strap. The new Outrigger II also includes an exercise ball for the hand. The sling envelope is made from a highly breathable spacer fabric. The pillow is designed to position the arm in approximately 15° of abduction. The Outrigger II is sold in a right shoulder configuration; however, the Outrigger II is bilateral and is easily reconfigured to fit the left shoulder. L3670

See sizing diagram on page 32

item #	size	measurement
183752	small	up to 13½"
183754	medium	up to 14½"
183755	large	up to 15½"
183756	x-large	up to 17½"

# Shoulder Immobilizers



## Vector™ Abducted Shoulder Immobilizer

This sling offers superior comfort and immobilization with its Vector™ strapping system that eliminates pressure on the neck. The elbow region of the sling envelope is open to minimize pressure on the ulnar nerve. The Vector™ is available for sale in either the left or right shoulder configuration. However, each Vector™ is bilateral and may be modified to fit the left or right shoulder. Pillow is designed to position the arm in approximately 15° of abduction. L3670

See sizing diagram on page 32

left	right	size	measurement
183702	183712	small	up to 13½"
183704	183714	medium	up to 14½"
183705	183715	large	up to 15½"

### Universal Foam Sling & Swathe Shoulder Immobilizer

The contact closure swathe provides the patient with exceptional support and immobilization. The crossing shoulder straps offer superior comfort. **L3660**

item #	size
183600	univ



## Armslings & Shoulder Immobilizers

### Universal Hemi-sling

The hemi-sling is ideal for patients suffering Hemi-Paresis/Paralysis of the upper extremities. Designed to eliminate weight on the neck while effectively supporting the hand and elbow. Washable. Constructed of durable white canvas with a comfortable flannel lining. **L3660**

item #	size
183010	univ





### Universal Elastic Rib Belt

This rib belt features a unique lock-back stitch and plush elastic construction, measuring 4" wide (female) and 6" wide (male). Universal sizing substantially reduces inventory requirements. **A4467**

item #	fits	max. circ.
163260	male	up to 38"
163270	female	up to 35½"

## Belts & Binders



### Universal Elastic Abdominal Binder

This plush woven elastic binder provides effective aid in relieving muscle tension and spasm. Universal sizing substantially reduces inventory requirements. **A4467**

item #	width	waist circ.
163280	9"	up to 43½"
163290	12"	up to 43½"

## Cervical Collars



### Carolina Collar™

This two-piece style collar allows for precise application. X-ray translucent, it is designed for utilization in cervical spine trauma and post-operative treatment. Features hook and loop closures. **L0172**

item #	size	neck circ.
123252	small	10" - 13"
123254	medium	13" - 16"
123255	large	16" - 19"



## Ordering guidelines

Orders & Customer Service	<b>Phone</b> 800-334-4143 704-694-2434 8:00-5:00 EST (M-Th) 8:00-4:30 EST (Fri) e-mail: <a href="mailto:orders@medspec.com">orders@medspec.com</a>	<b>Fax</b> 800-694-9060 704-694-9060	<b>Mail</b> Medical Specialties/Order Dept. P.O. Box 977 Wadesboro, NC 28170 USA
---------------------------	---	--	--

Sales & Marketing	800-582-4040 704-573-4040 e-mail: <a href="mailto:request@medspec.com">request@medspec.com</a>	704-573-4047	Medical Specialties 4600-K Lebanon Rd. Charlotte, NC 28227 USA
-------------------	--	--------------	---

Website Address    [www.medspec.com](http://www.medspec.com)

**Pricing**    Prices and specifications are subject to change without notice. All orders will be invoiced at the prices in effect on the day of shipment.

**Terms**    As stated on our invoice, our terms are net 30 days.

**Return Policy**    Please contact Customer Service for a Return Authorization Number before returning or exchanging any product. This will insure prompt and accurate credit or replacement. Returns and exchanges will only be accepted for new products within 60 days from date of shipment and will be subject to a 25% restocking fee. Custom products, discontinued products or products that have been changed in material or design may not be returned or exchanged for any reason except for Med Spec's error. After receiving authorization, please ship products to: 308 Parson Street, Wadesboro, NC 28170.

**Warranty**    Products manufactured by Med Spec have a limited warranty against defects in materials or workmanship for a period of six months from date of shipment. Before returning a product you believe is defective, please contact Customer Service for a Return Authorization Number. Should the product prove defective after inspection, Med Spec will replace it at no charge. This warranty is limited to materials and workmanship only, and does not include failure due to wear, incorrect laundering, or improper fitting.

\*HCPCS codes are given with many of the product descriptions in this catalog. We suggest these codes as a service to our customers. We are not responsible for any error or subsequent changes. We do not guarantee eligibility for reimbursement based on using these codes.



Medical Specialties, Inc.  
4600-K Lebanon Rd.  
Charlotte, NC 28227  
p: 800.334.4143 f: 800.694.9060  
p: 704.694.2434 f: 704.694.9060  
email: request@medspec.com  
www.medspec.com

