

NORTH COAST MEDICAL

# *hand therapy* CATALOG®

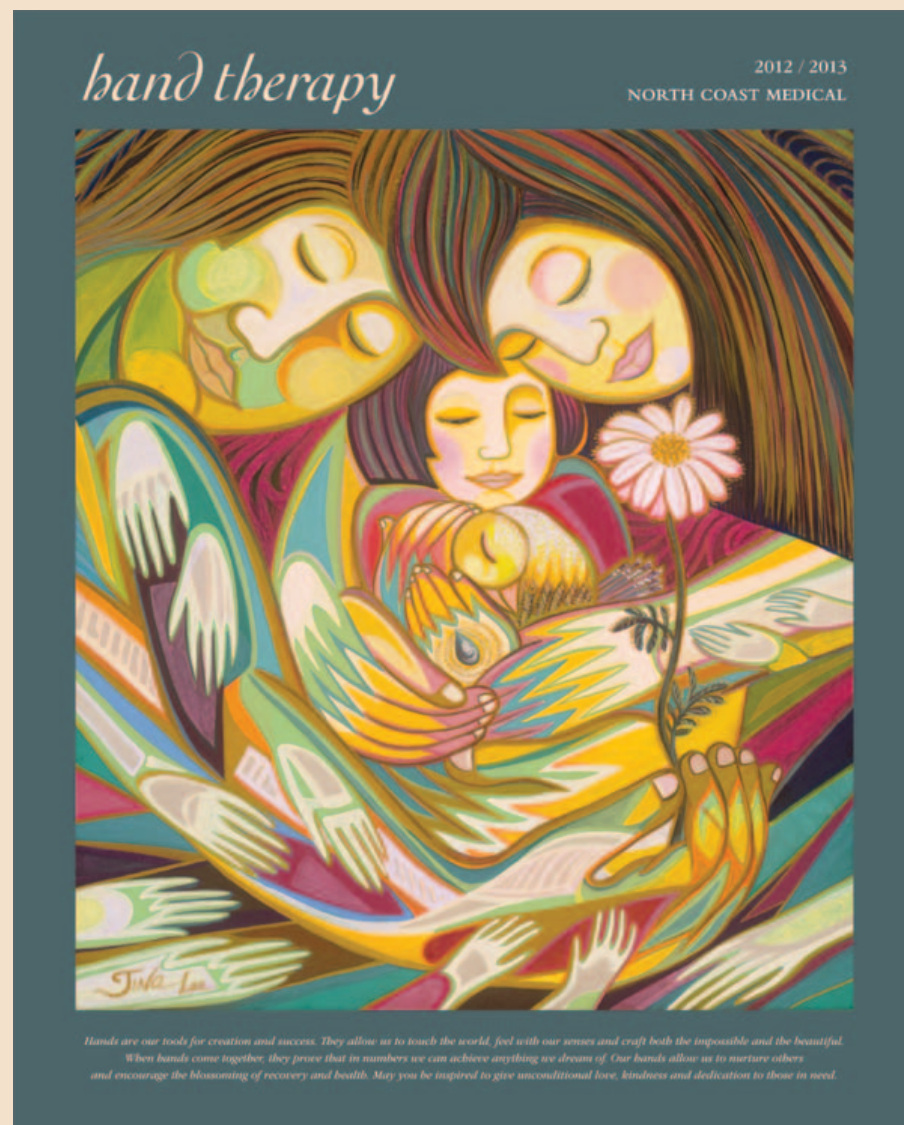


2012-2013 Vol.1



## NORTH COAST MEDICAL *hand therapy* CATALOG®

Since 1996, North Coast has continued to build a library of custom art that celebrates the Therapist/Patient relationship and the impact of Hand Therapy on their patients' outcome. It is our way of celebrating the occupation, its educators and practitioners. Framed and frame-ready posters are available for purchase.



This year's artist is Jina Lee, also known as Jina de L'Oiseau, meaning "of the birds", a fitting name as she subtly incorporates birds into many of her pieces. A bird is central in this work of art titled, "Family Hands". The child holds the bird closely to symbolize dreams for the future. The parents' embrace is warm and comforting, expressing unconditional love and support.

The hands are prominent and plentiful as they symbolize the essential tools of creation and success. Individually, each hand is uniquely conceived. The small hands below are healing hands, while the family hands are helping hands. The water drop on the woman's hand is symbolic of the water of life, the life force that helps growth, health and recovery. The man holds a daisy between his thumb and index finger as a symbol of hope and dreams while also representing the basic movement of a hand in recovery.

*North Coast's premium fashion tote with cover art is made from 85% recycled P.E.T.. The bag holds up to 25 pounds and comes with exterior pockets for easy access. A Velcro® closure, 28" handles and plastic bottom insert further enhances its functionality. All proceeds benefit the American Hand Therapy foundation.*



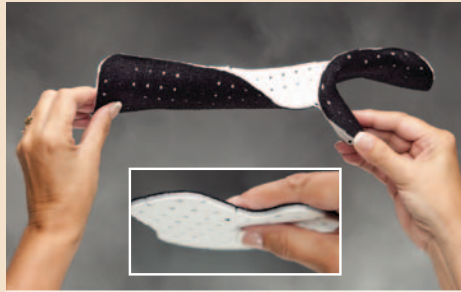
NCP0012	Frame-Ready Poster
NCP0012-F	Framed Poster
NC10000-01	NCM Bag



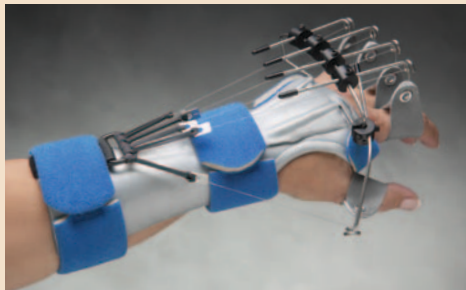
# WHAT'S INSIDE



**ENCORE™**  
Available in a variety of colors for fabricating both upper and lower extremity orthoses. Page 8



**NEW TRIO™ COMPOSITE THERMOPLASTIC**  
Unique three-in-one material adds comfort and saves time. Page 21



**BLACKHAWK™ DIGITAL OUTRIGGER KIT**  
Adjustable components allow quick placement of individual digits into proper 90° line of pull. Page 56



**ROM-STOPS™**  
Dynamic splinting accessories that are pre-measured to save time when controlling finger ROM. Page 58



**HELY & WEBER SPLINTS/ORTHOSES**  
Available throughout the catalog including the Titan Wrist-Lacing Orthosis, located on Page 79.



**NORCO™ THERAPEUTIC COMPRESSION GLOVES**  
New and improved, affordable, high quality compression gloves are sold individually. Page 109



**NORCO™ SHOULDER PULLY COMPLETE**  
New and Improved. Everything needed to perform range of motion exercises at home. Page 157



**ACTIVAPATCH™**  
A technologically advanced, self contained iontophoretic drug delivery system designed for the delivery of negatively-charged ionic solutions. No saline required. Page 138

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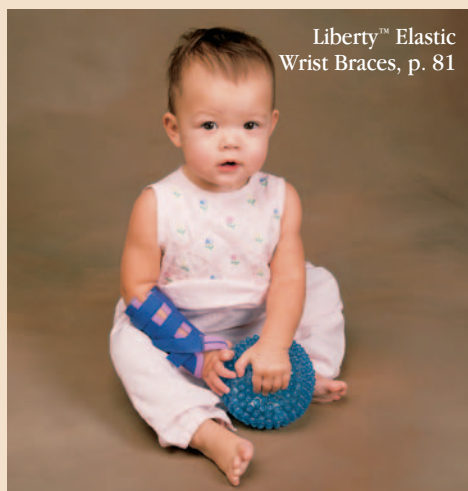


**pediatric products**  
from North Coast

**We design with kids in mind.**

North Coast offers a wide selection of products that suit the needs of pediatric patients. From splints and gloves to weights and exercisers, our pediatric products are not simply mini versions of adult items, but are carefully designed and sized to accommodate the smaller proportions of children.

Look for , to find the product in terms of use and sizing that make it ideally suited for most children. Use the guide below to find out more about our extensive pediatric selection.



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Resting Pan Mitt Splint  
Precut, p. 26



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Urias® Air Splint, p. 107



Comfort Cool™ Spiral  
Arm Splint, p. 66



Colorful thin  
thermoplastics ideal for  
pediatric splinting p.11



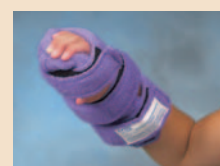
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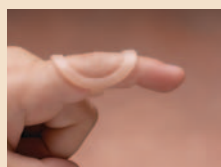
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3-Point® Oval-8™ Finger  
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Bio-Form® Pressure  
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Dema® Finger Sleeves,  
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## *Brands that Perform™*

North Coast Medical is a manufacturer and wholesale distributor specializing in supplying the most commonly requested products for the Hand Therapy/Rehabilitation markets. In addition to providing nationally known branded items to our customers, North Coast has invested in manufacturing its own brand of products that represent innovation, value and performance.

Shown below are our brands that may already be familiar and others to look for when searching for *Brands that Perform™*.





## Factors to Consider When Choosing Thermoplastics

### 1. Which Thermoplastic?

One major characteristic that influences thermoplastic selection is how the material resists stretch. The amount of force needed to stretch a material when it is warm and soft helps determine the amount of handling it can withstand. A thermoplastic material with **minimum Resistance to Stretch (RTS)** requires light handling. This material may stretch or spread by gravity alone. A material

with **maximum RTS** tolerates aggressive handling and needs to be held in place until nearly cooled or it will spring back if it doesn't have a tacky surface to hold it down. *For your convenience, the splinting materials in this catalog have been organized from Minimum to Maximum RTS.*

Resistance to Stretch (RTS)	Degrees of Resistance to Stretch (RTS)			
	RTS	Thermoplastic	Handling Technique	Clinical Application
	Minimum	Clinic® Orfit® Soft-Fit NS Orfit® Classic Orfit® Natural NS Orfit® NS	<b>Minimum RTS:</b> Use light touch or the pull of gravity for an intimate fit. Minimum pressure required to stretch the material.	<b>Minimum RTS:</b> Use for smaller hand and wrist orthoses or when a patient can be placed in the desired position. Ideal for post-surgical and arthritis orthoses.
	Minimum to Moderate	Orfit® Colors NS Orfilight™ Encore™ Preferred®		
	Moderate	Vanilla™ Spectrum™ Prism™	<b>Moderate RTS:</b> Use a moderate amount of pull to conform the material to the body part without leaving marks. Requires moderate pressure to stretch the material.	<b>Moderate RTS:</b> Use for all types of orthoses i.e. fingers, elbow, wrist, ankle, trunk, knee immobilizers and foot drop orthoses. With experience, the splinter can use this type of material most effectively. Inexperienced splinters find this material more forgiving and user friendly.
	Moderate to Maximum	Omega Max™ Solaris™ Orfibrace™		
	Maximum	Omega™ Plus Orthoplast®	<b>Maximum RTS:</b> Use firm handling to contour. The material may need to be held in place as it cools. Material resists fingerprints and marks. Requires heavy pressure to stretch the material.	<b>Maximum RTS:</b> Use for larger orthoses i.e. the elbow, shoulder, lower extremity and trunk. Ideal for spasticity or abnormal tone and joint contractures. Inexperienced or heavy-handed splinters will appreciate this characteristic.

### 2. Other Considerations in Choosing Thermoplastics:

#### Smooth or Perforated?

<b>Smooth</b>	<b>Smooth:</b> Maximum support. Ideal for upper and lower extremity orthoses, and spasticity, ambulation and burn orthoses.
<b>Perforated (1 to 5%)</b>	<b>Perforated (1-5%):</b> Allows some ventilation. May slightly reduce support and weight. Materials soften up faster with heating. Great for static, dynamic and progressive type orthoses and fracture orthoses.
<b>Extra Perforated (&gt;10%)</b>	<b>Extra perforated (&gt;10%):</b> Lightweight. Provides greater ventilation for increased comfort and compliance. For additional support, make a circumferential splint or choose a thicker material. Softens and cools faster. A great choice for finger and hand based orthoses, non-weightbearing orthoses and arthritis orthoses.

#### Which Thickness?

1/16" 1.6mm	Lightweight support. Easy to cut with scissors when cold.
1/12" 2.0mm	Ideal for pediatrics, finger and hand-based orthoses and light arthritis orthoses. More supportive if used circumferentially.
3/32" 2.4mm	Moderate support. Reduces bulkiness of orthoses. Ideal for static, dynamic or progressive orthoses where less weight is desired (arthritis, thumb, hand and wrist orthoses).
1/8" 3.2mm	Standard thickness that provides stability and firm support. Ideal for static, dynamic or progressive orthoses of upper or lower extremities, especially if the goal is to position and hold joints affected by spasticity, abnormal tone or contractures. Also useful for fracture orthoses and trunk immobilization.

### 3. Which Type of Coating?

<b>Powder Coating:</b> Incorporates a modest amount of 100% natural talcum powder to facilitate ease of use. This coating has a moderate level of tackiness when warm and may require minimal solvent to remove powder for permanent bonding. <ul style="list-style-type: none"> <li>•Preferred®</li> <li>•Omega™ Max</li> <li>•Omega™ Plus</li> </ul>	<b>Traditional Coating:</b> The amount of coating varies with each material and directly affects the level of tackiness and type of bonding method needed. Solvent is traditionally required to remove coating for a permanent bond. <ul style="list-style-type: none"> <li>•Clinic®</li> <li>•Vanilla™</li> <li>•Spectrum™</li> <li>•Encore™</li> <li>•Prism™</li> <li>•Orfit® Colors NS</li> <li>•Orfibrace™</li> <li>•Orfit® Soft-Fit NS</li> <li>•Orfit® Natural NS</li> <li>•Orfit® NS</li> </ul>	<b>Uncoated:</b> Allows effective bonding without the need for solvent and tends to be sticky when heated. Creates a permanent bond if pressed together while soft and warm. <ul style="list-style-type: none"> <li>•Orfit® Classic</li> <li>•Orthoplast®</li> <li>•Solaris™</li> </ul>
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## 4. Getting Started: Our Sample Kits are the easiest way to find the material that works best for each individual.

**Minimum to Moderate  
Resistance To Stretch  
Thermoplastic Kit**



(1 each) 1/8" x 6" x 18" Smooth Sheets  
(3.2 mm x 15 cm x 46 cm)

**NC11051 (5)**

1/8"  
Clinic®

1/8"  
Orfit®  
Classic

1/8"  
Orflight®

1/8"  
Encore™

1/8"  
Preferred®

**Moderate  
Resistance To Stretch  
Thermoplastic Kit**



(1 each) 1/8" x 6" x 18" Smooth Sheets  
(3.2 mm x 15 cm x 46 cm)

**NC11052 (5)**

1/8"  
Preferred®

1/8"  
Vanilla™

1/8"  
Spectrum™

1/8"  
Prism™

1/8"  
Omega™  
Max

**Moderate to Maximum  
Resistance To Stretch  
Thermoplastic Kit**



(1 each) 1/8" x 6" x 18" Smooth Sheets  
(3.2 mm x 15 cm x 46 cm)

**NC11053 (4)**

1/8"  
Omega™  
Max

1/8"  
Solaris™

1/8"  
Orfibrace™

1/8"  
Omega™  
Plus

## 5. Save Time: Precut thermoplastics at no additional cost.

### READY-SHEETS™

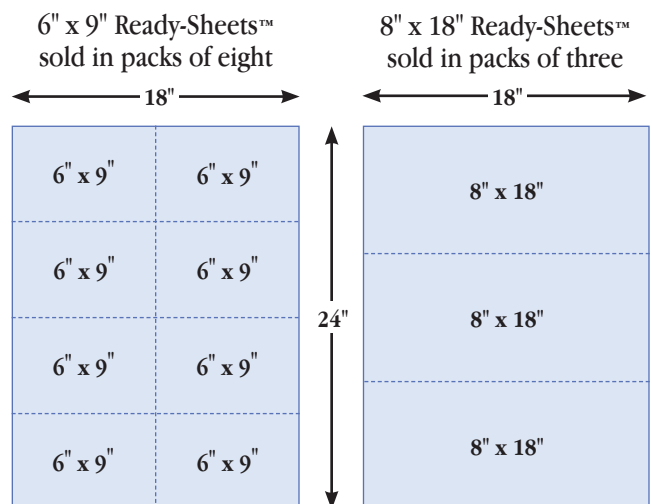
*Smaller Ready-Sheets™ sizes save time and makes the most from splinting material.*

- Available in two sizes: 6" x 9" (15 x 23 cm), sold in packs of eight, and 8" x 18" (20 x 46 cm), sold in packs of three.
- Ready Sheet packs are equivalent to a single, full-size sheet and cost the same.
- Convenient sizes can be stored easily.
- Precut sheets save wear and tear on hands. No more scoring and cutting full-size sheets to get the material down to a manageable size. Ready-sheets™ are ready to go right into the pan.
- Available in *any* thermoplastic material (except Trio™): Clinic®, Preferred®, Vanilla™, Spectrum™, Orfit® Classic, Encore™, Prism™, Orflight™, Omega™ Max, Solaris™, Omega™ Plus, Soft-Fit, Orfit® NS and Orfit® Natural NS. To order, see below.

Thickness Guide	How to Order: Select any North Coast material
1/16" 1.6 mm	To order any thermoplastic material in convenient Ready-Sheets™ sizes, simply add the appropriate suffix to the NC item # as indicated below:
3/32" 2.4 mm	
1/12" 2.0 mm	
1/8" 3.2 mm	
	<b>Ready-sheet™ Size    Material</b>
	6" x 9" (15 x 23 cm)    Add a "-2" to NC item #
	8" x 18" (20 x 46 cm)    Add a "-3" to NC item #

**Example:** To order 6" x 9" Ready-Sheets™ of 1/16" Orflight™ Micro Perforated, add a "-2" to NC12664 for an NC item # of "NC12664-2".

*Ready-Sheets™ are precut,  
at no additional cost.*





## Clinic®

*Easily stretches and molds around contours for the most intimate fit.*



*Clinic® makes the most rigid, precise fitting splint and orthosis.*

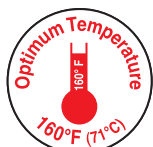


*Clinic® presents a smooth surface and creates self-sealing edges when it is handled lightly.*



Perforation Guide
• Smooth
• Perforated, 1%

Thickness Guide
1/8" 3.2 mm
3/32" 2.4 mm



### Resistance to Stretch

- **Minimum resistance to stretch.**
- When gently pulled, will not stretch or thin uncontrollably during the molding process.
- Handle on a horizontal plane and form the splint in a gravity-assisted position.

### Drape

- **Moderate drape** and excellent reproduction of detail with gentle handling.
- **Superior conformability** without stretching.

### Memory

- **Minimum memory** when stretched.
- Molded shape remains in place without any need to hold it while it cools. Splints will hold their shape when mildly reheated.

### Rigidity

- **Maximum rigidity.**
- Splints will hold their shape against the pull of strong dynamic components and against hypertonicity.

### Bonding

- **Traditional coating** has a light tack that holds the material in place. Use over bandages with minimal adherence.
- A wet bond will hold but can be pulled apart once cooled, if necessary.
- Dry heating two surfaces will form a strong bond. For a permanent bond, use solvent or scrape off the coating. Dry heat and press together firmly.

### Surface Finish

- **Resists fingerprints** when handled lightly. Lightly heat and rub to remove marks.
- **Self-sealing cut edges** remain smooth, closed and rounded even when reheated.

### Applications

- Ideal for all upper extremity splints, bases for dynamic splints and positioning splints where an intimate fit is required. Makes great immobilization splints, especially for the hand, wrist and fingers.
- Handle using light, smoothing strokes. Allow gravity to do the work. Once positioned, splints remain in place, needing only minimal contact to form. Ideal for sensitive joint or skin conditions or post-surgery.

### Working time (1/8")

- Allows three to five minutes of molding time at 160°F (71° C).

### Latex Free

1/8" (3.2mm) Clinic® Smooth			
NC12865	18" x 24" (46 x 61 cm)	Case	(4)
NC12865-1	18" x 24" (46 x 61 cm)	Sheet	(1)
NC12866	24" x 36" (61 x 91 cm)	Case	(2)
1/8" (3.2mm) Clinic® Perforated 1%			
NC12867	18" x 24" (46 x 61 cm)	Case	(4)
NC12867-1	18" x 24" (46 x 61 cm)	Sheet	(1)
NC12868	24" x 36" (61 x 91 cm)	Case	(2)
3/32" (2.4mm) Clinic® Smooth			
NC12879	18" x 24" (46 x 61 cm)	Case	(4)
NC12879-1	18" x 24" (46 x 61 cm)	Sheet	(1)
3/32" (2.4mm) Clinic® Perforated 1%			
NC12889	18" x 24" (46 x 61 cm)	Case	(4)
NC12889-1	18" x 24" (46 x 61 cm)	Sheet	(1)



**Preferred®***Our most versatile splinting material.*

Available in 1/8" and 3/32" thicknesses. The 3/32" thickness is ideal for pediatric, arthritis and functional positioning splints used during activities.

**Resistance to Stretch**

- **Minimum to moderate resistance to stretch.**
- Tolerates minimum to moderate handling during splint molding.
- Handle on a horizontal plane and form splint in a gravity-assisted position.
- Gentle, smooth motions yield superior results.

**Drape**

- **Moderate drape** with only light to moderate pressure.
- Contours are quick to form.

**Memory**

- **Minimum to moderate memory.**
- Splints can be modified a few times without thinning.
- Requires less handling and maintains contours while cooling.

**Rigidity**

- Molded splints have a **moderate rigidity.**
- A circumferential splint is flexible enough for easy donning and doffing, yet strong enough for immobilization.

**Bonding**

- The **unique powder coating** gives a tacky feel that helps hold the material in place, without the material pulling or falling away.
- A wet bond will hold firmly but can be pulled apart once cooled.
- Dry heating two surfaces will form a strong bond. For a permanent bond, use solvent minimally and dry heat prior to bonding.

**Surface Finish**

- **Moderate resistance to fingerprints** and resists showing stains.
- **Smooth, self-sealing cut edges** remain sealed even after reheating.

**Applications**

- **1/8" Preferred®** can be used for almost any splinting application. Use for dynamic and static splinting; for adult and pediatric positioning; and for post-burn and post-surgical care.
- **3/32" Preferred®** is thin and lightweight, yet strong, and can be used for forearm and hand-based splints. Ideal for arthritis splints, post-operative splints, and for pediatric splints when children are able to cooperate.

**Working Time (1/8")**

- Allows three to five minutes of molding time at 160° F (71° C).

**Latex Free****1/8" (3.2mm) Preferred® Smooth**

NC12790	18" x 24" (46 x 61cm)	Case	(4)
NC12790-1	18" x 24" (46 x 61cm)	Sheet	(1)
NC12791	24" x 36" (61 x 91cm)	Case	(2)

**1/8" (3.2mm) Preferred® Perforated 1%**

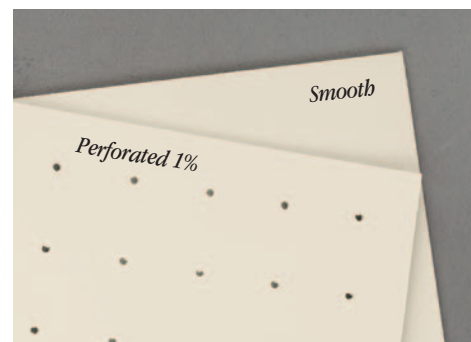
NC12793	18" x 24" (46 x 61cm)	Case	(4)
NC12793-1	18" x 24" (46 x 61cm)	Sheet	(1)
NC12792	24" x 36" (61 x 91cm)	Case	(2)

**3/32" (2.4mm) Preferred® Smooth**

NC12983	18" x 24" (46 x 61cm)	Case	(4)
NC12983-1	18" x 24" (46 x 61cm)	Sheet	(1)

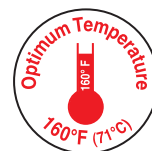
**3/32" (2.4mm) Preferred® Perforated 1%**

NC12984	18" x 24" (46 x 61cm)	Case	(4)
NC12984-1	18" x 24" (46 x 61cm)	Sheet	(1)



Perforation Guide	
• Smooth	
• Perforated, 1%	

Thickness Guide	
1/8"	3.2 mm
3/32"	2.4 mm





## Encore™

*Turns translucent when warm.*

*Colors are great for pediatric splinting.*



*Encore can be used to make a variety of orthoses, providing firm to lightweight support from the hand to the foot.*

### Resistance to Stretch

- **Minimum to moderate resistance to stretch.**
- Can be used for single-surface splinting or stretched circumferentially.

### Drape

- **Maximum drape.** Excellent conformability and reproduction of detail.
- Turns translucent when thoroughly heated and retains its clarity for the first few minutes of molding, allowing visibility of landmarks and bony prominences.

### Memory

- **100% memory.**
- Will regain its original cut shape and size every time it is reheated.

### Rigidity

- **Moderately rigid splints.**
- If a more flexible splint is required, simply stretch the material to achieve the desired rigidity and thickness.

### Bonding

- **Traditional coating** has a tacky surface that helps hold the splint in place during molding.
- Pieces pinched together can be pulled apart once cooled.
- Use only dry heat and firm pressure to bond firmly; use solvent to form a permanent bond.

### Surface Finish

- **Resists fingerprinting** for a smooth, shiny surface. To remove marks and bring out shine, dip in warm water or lightly heat the surface with dry heat.

### Applications

- Use **1/8" Encore™** for thumb, finger and hand splints, bases for dynamic splints and burn splints. It is also ideal for lower extremity splints, circumferential leg splints, foot drop splints and foot orthoses.
- Use **3/32" Encore™** for hand and wrist splints, arthritis splints, circumferential splints and burn splints. It is also ideal as a base for smaller dynamic outriggers.
- **Lightweight 1/16" Encore™** is ideal for pediatric and finger positioning splints.

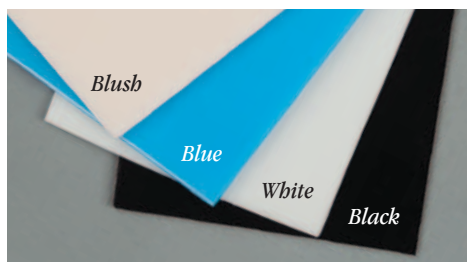
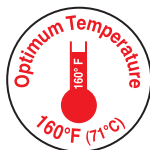
### Working Time (1/8")

- Allows three to five minutes molding time at 160° F (71° C).

### Latex Free

Thickness & Perforations	New Blush 18" x 24" (46 x 61cm)			Blue 18" x 24" (46 x 61cm)			Black 18" x 24" (46 x 61cm)			White 18" x 24" (46 x 61cm)		
1/8" Smooth	NC14050-BG	Case	(4)	NC14050-B	Case	(4)	NC14050-K	Case	(4)	NC14000	Case	(4)
	NC14050-1BG	Sheet	(1)	NC14050-1B	Sheet	(1)	NC14050-1K	Sheet	(1)	NC14000-1	Sheet	(1)
1/8" Perforated 1%	NC14056-BG	Case	(4)	NC14056-B	Case	(4)	NC14056-K	Case	(4)	NC14002	Case	(4)
	NC14056-1BG	Sheet	(1)	NC14056-1B	Sheet	(1)	NC14056-1K	Sheet	(1)	NC14002-1	Sheet	(1)
1/8" Perforated 19%	NC14051-BG	Case	(4)	NC14051-B	Case	(4)	NC14051-K	Case	(4)	NC13999	Case	(4)
	NC14051-1BG	Sheet	(1)	NC14051-1B	Sheet	(1)	NC14051-1K	Sheet	(1)	NC13999-1	Sheet	(1)
3/32" Smooth	NC14052-BG	Case	(4)	NC14052-B	Case	(4)	NC14052-K	Case	(4)	NC14004	Case	(4)
	NC14052-1BG	Sheet	(1)	NC14052-1B	Sheet	(1)	NC14052-1K	Sheet	(1)	NC14004-1	Sheet	(1)
3/32" Perforated 12%	NC14053-BG	Case	(4)	NC14053-B	Case	(4)	NC14053-K	Case	(4)	NC14005	Case	(4)
	NC14053-1BG	Sheet	(1)	NC14053-1B	Sheet	(1)	NC14053-1K	Sheet	(1)	NC14005-1	Sheet	(1)
1/16" Smooth	NC14054-BG	Case	(4)	NC14054-B	Case	(4)	NC14054-K	Case	(4)	NC14006	Case	(4)
	NC14054-1BG	Sheet	(1)	NC14054-1B	Sheet	(1)	NC14054-1K	Sheet	(1)	NC14006-1	Sheet	(1)
1/16" Perforated 12%	NC14055-BG	Case	(4)	NC14055-B	Case	(4)	NC14055-K	Case	(4)	NC14007	Case	(4)
	NC14055-1BG	Sheet	(1)	NC14055-1B	Sheet	(1)	NC14055-1K	Sheet	(1)	NC14007-1	Sheet	(1)
1/16" Perforated 13%	NC14057-BG	Case	(4)	NC14057-B	Case	(4)	NC14057-K	Case	(4)	NC14057	Case	(4)
	NC14057-1BG	Sheet	(1)	NC14057-1B	Sheet	(1)	NC14057-1K	Sheet	(1)	NC14057-1	Sheet	(1)

Thickness Guide	
1/8"	3.2 mm
3/32"	2.4 mm
1/16"	1.6 mm





### Resistance to Stretch

- Moderate resistance to stretch.
- When purposely stretched, Spectrum™ thins evenly so it can be used to make all types of splints with intimate fit and support.

### Drape

- Moderate degree of drape.
- With smooth, firm handling, conforms closely for an optimal fit.

### Memory

- Moderate memory.
- Material springs back slightly when stretched or contoured.
- Splints will hold their shape when heated mildly for fitting adjustments.

### Rigidity

- Moderate to firm rigidity.
- Ideal for layer joint positioning.

### Bonding

- Traditional coating has slight tacky feel but won't adhere to bandages. Forms a strong bond when dry heated and pressed together firmly.
- Use solvent to remove coating and dry heat to form a permanent bond.

### Surface Finish

- Resists fingerprinting. Marks and fingerprints disappear during cooling.

### Applications

- Features unique memory and stretch that is ideal for circumferential splints, neurological splints, all hand and wrist splinting, as well as for fracture bracing, lower extremity positioning splints and pediatric, non-weight bearing AFOs.

### Working time

- Allows three to five minutes of molding time at 160° F (71° C).

### Latex Free



#### 1/8" (3.2mm) Spectrum™ White Smooth

NC12920	18" x 24" (46 x 61cm)	Case (4)
NC12920-1	18" x 24" (46 x 61cm)	Sheet (1)
NC12921	24" x 36" (61 x 91cm)	Case (2)

#### 1/8" (3.2mm) Spectrum™ White Perforated 1%

NC12922	18" x 24" (46 x 61cm)	Case (4)
NC12922-1	18" x 24" (46 x 61cm)	Sheet (1)
NC12923	24" x 36" (61 x 91cm)	Case (2)

#### 1/8" (3.2mm) Spectrum™ Beige Smooth

NC12979	18" x 24" (46 x 61cm)	Case (4)
NC12979-1	18" x 24" (46 x 61cm)	Sheet (1)
NC12980	24" x 36" (61 x 91cm)	Case (2)

#### 1/8" (3.2mm) Spectrum™ Beige Perforated 1%

NC12981	18" x 24" (46 x 61cm)	Case (4)
NC12981-1	18" x 24" (46 x 61cm)	Sheet (1)
NC12982	24" x 36" (61 x 91cm)	Case (2)

#### 1/8" (3.2mm) Spectrum™ Blue Smooth

NC14250	18" x 24" (46 x 61cm)	Case (4)
NC14250-1	18" x 24" (46 x 61cm)	Sheet (1)
NC14251	24" x 36" (61 x 91cm)	Case (2)

#### 1/8" (3.2mm) Spectrum™ Blue Perforated 1%

NC14252	18" x 24" (46 x 61cm)	Case (4)
NC14252-1	18" x 24" (46 x 61cm)	Sheet (1)
NC14253	24" x 36" (61 x 91cm)	Case (2)



#### Perforation Guide

- Smooth
- Perforated, 1%

#### Thickness Guide

1/8" 3.2mm



Versatile Spectrum™ is ideal for both large and small splints.



## Vanilla™

Moderate handling produces a finished, sculpted appearance.



Available in 1/8" and 3/32" thicknesses. Use 3/32" for lightweight, pediatric or arthritis positioning splints.

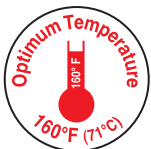


Vanilla™ offers ample working time to form the splint, make adjustments and reposition for final molding.



Perforation Guide
• Smooth
• Perforated, 1%

Thickness Guide
1/8" 3.2mm
3/32" 2.4mm



### Resistance to Stretch

- **Moderate resistance** to stretch.
- Tolerates minimum to moderate handling during splint molding.
- Handle on a horizontal plane to form splint in a gravity-assisted position or vertical plane as well.
- Smooth motions yield superior, sculpted results.

### Drape

- **Moderate drape** requires only light to moderate pressure to form contour fit.

### Memory

- **Minimum to moderate memory.**
- Splints can be reheated and edges will remain smooth and closed.
- Splints will hold their shape when mildly heated for easy fitting adjustments.

### Rigidity

- **Moderate degree of rigidity.**
- A circumferential splint made of Vanilla™ is flexible enough for easy donning and doffing, yet strong enough for immobilization.

### Bonding

- The **traditional coating** allows splinting over bandages without adherence.
- A pressed, wet bond will hold firmly but can be pulled apart when cooled.
- Dry heating two surfaces will form a strong bond. For a permanent bond, use solvent or scrape off coating, dry heat and press together.

### Surface Finish

- **Moderate resistance to fingerprints** and resists showing stains. To remove marks, lightly heat the surface and rub.
- Smooth, self-sealing cut edges remain sealed even after reheating.

### Applications

- **1/8" Vanilla™** can be used for almost any splinting application. Use for adult and pediatric positioning, dynamic and static splinting, and for post-burn and post-surgical care.
- **3/32" Vanilla™** is thin and lightweight, yet strong, and can be used for finger and hand splints. Ideal for arthritis splints, post-operative splints and for children who are able to cooperate.

### Working time (1/8")

- Allows three to five minutes of molding time at 160° F (71° C).

### Latex Free

1/8" (3.2mm) Vanilla™ Smooth			
NC12924	18" x 24" (46 x 61cm)	Case	(4)
NC12924-1	18" x 24" (46 x 61cm)	Sheet	(1)
1/8" (3.2mm) Vanilla™ Perforated 1%			
NC12926	18" x 24" (46 x 61cm)	Case	(4)
NC12926-1	18" x 24" (46 x 61cm)	Sheet	(1)
3/32" (2.4mm) Vanilla™ Smooth			
NC12928	18" x 24" (46 x 61cm)	Case	(4)
NC12928-1	18" x 24" (46 x 61cm)	Sheet	(1)
3/32" (2.4mm) Vanilla™ Perforated 1%			
NC12931	18" x 24" (46 x 61cm)	Case	(4)
NC12931-1	18" x 24" (46 x 61cm)	Sheet	(1)

Prism™

Make bright, colorful splints that provide comfortable support.



### Resistance to Stretch

- **Moderate resistance to stretch** for easy circumferential splinting. Gently pull and wrap the material around the affected part.

### Drape

- **Moderate drape** for excellent fit and conformability.

### Memory

- **100% memory** for easy remolding.

### Rigidity

- **Minimum rigidity.** Splints flex slightly with pressure for more comfortable wear.
- Circumferential splints will increase rigidity.
- Splints made from 1/8" Prism™ are rigid enough to handle the force of dynamic components.
- Splints made from 1/12" perforated Prism™ form strong but flexible splints for a variety of lightweight applications.

### Bonding

- **Traditional non-sticky coating** allows the splinter to fabricate overlapping circumferential splints quickly. Splints can be molded over bandages easily without sticking.
- To form a permanent bond, scrape shiny coating off using scissors or use solvent and dry heat until the material is soft. Press together firmly.

### Surface Finish

- **Resists fingerprints**, even with aggressive handling.
- Color retains its vibrance and shine.

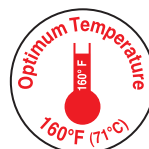
### Applications

- **1/8" Prism™** can be used for hand and upper extremity splints, lower extremity splints and return-to-work splints. Great for serial splinting.
- **1/12" Prism™** is ideal when a lighter weight, less rigid material is desired. Use for pediatric, finger, thumb and circumferential splints.
- Prism™ turns translucent when ready to apply.
- Leaves sealed, smooth edges when cut warm.

### Working Time (1/8")

- Prism™ has a **long working time** becoming firm in approximately six minutes at 160° F (71° C).

### Latex Free



### Prism™ Smooth

1/8" x 18" x 24" (3.2mm x 45cm x 60cm)

NC12811	White	Case (4)
NC12810	White	Sheet (1)
NC12944	Bright Pink	Case (4)
NC12944-1	Bright Pink	Sheet (1)
NC12952	Royal Blue	Case (4)
NC12952-1	Royal Blue	Sheet (1)
NC12953	Red	Case (4)
NC12953-1	Red	Sheet (1)
NC12954	Black	Case (4)
NC12954-1	Black	Sheet (1)
NC12963	Purple	Case (4)
NC12963-1	Purple	Sheet (1)

### Prism™ Micro Perforated 13%

1/12" x 18" x 24" (2.0mm x 45cm x 60cm)

NC12955	Bright Pink	Case (4)
NC12955-1	Bright Pink	Sheet (1)
NC12956	Royal Blue	Case (4)
NC12956-1	Royal Blue	Sheet (1)
NC12957	Red	Case (4)
NC12957-1	Red	Sheet (1)
NC12958	Black	Case (4)
NC12958-1	Black	Sheet (1)
NC12892	White	Case (4)
NC12891	White	Sheet (1)
NC12964	Purple	Case (4)
NC12964-1	Purple	Sheet (1)

### PRISM™ SAMPLE KITS

Discover the vibrance of Prism™.

- The Prism™ **Smooth Kit** includes five 1/8" x 6" x 18" (3.2mm x 15cm x 45cm) smooth sheets – one of each color, excluding white.
- The Prism™ **Micro Perforated Kit** includes five 1/12" x 6" x 18" (2.0mm x 15cm x 45cm) perforated sheets – one of each color, excluding white.

NC12960 Smooth Kit

NC12962 Micro Perforated Kit

### Perforation Guide

- Smooth
- Perforated, 13%

### Thickness Guide

1/8"	3.2 mm
1/12"	2.0 mm



## Omega™ Max

Conformability, moderate RTS, and 100% memory combine for a versatile splinting material.

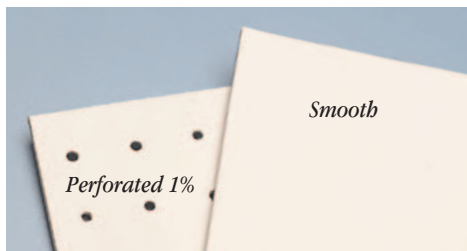
Splint made from 3/32" Omega™ Max.



Splint made from 1/8" Omega™ Max.



Remold as frequently as needed for proper positioning or serial splinting.



### Perforation Guide

- Smooth
- Perforated, 1%

### Thickness Guide

1/8"	3.2mm
3/32"	2.4mm

### Resistance to Stretch

- Moderate resistance to stretch.
- Moderate to aggressive handling is tolerated.

### Drape

- Moderate to maximum drape to create a close, conforming fit.
- Provides excellent reproduction of detail.

### Memory

- 100% memory, ideal for serial splinting.
- Always recovers its original cut shape and size when reheated.

### Rigidity

- Moderate to maximum rigidity.

### Bonding

- Unique powder coating gives Omega™ Max a slightly tacky surface that holds the material in place, without the material pulling or falling away.
- A wet bond will hold firmly but can be pulled apart when cool.
- Apply minimal solvent and dry heat to form a strong, permanent bond.

### Surface Finish

- Finished splints have a smooth, glossy surface.
- Fingerprints and other surface marks disappear as the material cools. Makes professional looking orthosis.
- When cut while warm, Omega™ Max forms smooth, sealed edges.

### Applications

- Use 1/8" Omega™ Max for hand or wrist splints, back supports, anti-spasticity splints, lower extremity positioning splints, serial static splints and bases for dynamic splints.
- Use 3/32" Omega™ Max for lightweight hand or wrist splints. Because of its superior rigidity, 3/32" Omega™ Max can be used for dynamic splint bases.
- Pediatric splints made from the 3/32" thickness have excellent conformability and will hold against strong hypertonicity.

### Working Time (1/8")

- Allows approximately three minutes of molding at 160° F (71° C).
- Fastest setup time, ideal for busy clinics and patients who benefit from less handling time like pediatrics.

### Latex Free

#### 1/8" (3.2mm) Omega™ Max Smooth

NC12796	18" x 24" (45 x 60cm)	Case (4)
NC12796-1	18" x 24" (45 x 60cm)	Sheet (1)
NC12797	24" x 36" (60 x 90cm)	Case (2)

#### 1/8" (3.2mm) Omega™ Max Perforated 1%

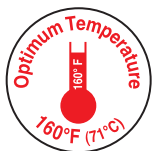
NC12798	18" x 24" (45 x 60cm)	Case (4)
NC12798-1	18" x 24" (45 x 60cm)	Sheet (1)
NC12799	24" x 36" (60 x 90cm)	Case (2)

#### 3/32" (2.4mm) Omega™ Max Smooth

NC13300	18" x 24" (45 x 60cm)	Case (4)
NC13300-1	18" x 24" (45 x 60cm)	Sheet (1)

#### 3/32" (2.4mm) Omega™ Max Perforated 1%

NC13301	18" x 24" (45 x 60cm)	Case (4)
NC13301-1	18" x 24" (45 x 60cm)	Sheet (1)



Solaris™

*Makes strong, rigid splints for patients who are hard to position or have strong joint contractures.*



*Folds easily to form smooth, even edges.*



### Resistance to Stretch

- **Moderate to maximum resistance to stretch.**
- Can be stretched and pulled around curves without thinning or growing out of control.
- Able to position limb and aggressively hold and stretch material to form splints.

### Drape

- **Moderate drape.**
- Takes on the contours of the hand for an intimate fit using only moderate pressure. Thinner material follows the curves of the hand and fingers with minimal handling.

### Memory

- **Moderate memory** will spring back slightly while warm.

### Rigidity

- **Maximum rigidity.** Splints will hold their shape against the pull of strong dynamic components and against hypertonicity.

### Bonding

- **Uncoated Solaris™** provides a slightly sticky surface when warm to keep material in place for an intimate fit.
- A permanent bond is achieved by applying dry heat and pinching it together firmly. No solvent is needed.

### Surface Finish

- **Resists fingerprinting.**
- Fingerprints and other marks disappear or can be smoothed away by rubbing the surface gently while the splint is warm.
- Leaves **sealed, smooth edges** when cut warm.

### Applications

- Ideal for abnormal tone conditions or joint contractures when patients are unable to cooperate. Its unique qualities make Solaris™ perfect for upper and lower extremity positioning splints and pediatric, non-weightbearing AFOs.
- The combined drape with controlled, resistive stretch of Solaris™ allows **aggressive, firm handling** to form a rigid splint that conforms perfectly to the body.

### Working time (1/8")

- Allows four to six minutes of molding time at 160° F (71° C).

### Latex Free

#### 1/8" (3.2mm) Solaris™ Smooth

NC14030	18" x 24" (46 x 61cm)	Case (4)
NC14030-1	18" x 24" (46 x 61cm)	Sheet (1)
NC14032	24" x 36" (61 x 91cm)	Case (2)

#### 1/8" (3.2mm) Solaris™ Perforated 1%

NC14031	18" x 24" (46 x 61cm)	Case (4)
NC14031-1	18" x 24" (46 x 61cm)	Sheet (1)
NC14033	24" x 36" (61 x 91cm)	Case (2)

#### 3/32" (2.4mm) Solaris™ Smooth

NC14034	18" x 24" (46 x 61cm)	Case (4)
NC14034-1	18" x 24" (46 x 61cm)	Sheet (1)

#### 3/32" (2.4mm) Solaris™ Perforated 1%

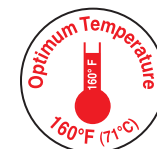
NC14035	18" x 24" (46 x 61cm)	Case (4)
NC14035-1	18" x 24" (46 x 61cm)	Sheet (1)

*Controlled stretch and drape provide excellent contouring around bony prominences.*



Perforation Guide
• Smooth
• Perforated, 1%

Thickness Guide
1/8" 3.2mm
3/32" 2.4mm





## Omega™ Plus

*Maximum resistance to stretch and minimum drape allows aggressive handling.*



### Resistance to Stretch

- **Maximum resistance to stretch.** Firm handling needed to stretch material.
- Omega™ Plus can be stretched and pulled around curves without thinning or growing out of control.

### Drape

- **Minimum drape.**
- Use firm handling, for smaller contours. Best for larger joints of the body needing firm support.
- Ideal for splinting clients who are unable to cooperate due to spasticity or non-painful contractures.

### Memory

- **100% memory.** Ideal for serial splinting.
- If mistake is made in fitting, reheat and start over.
- Good for infrequent or novice splinters.

### Rigidity

- **Maximum rigidity.**
- Upper and lower extremity splints will hold their position even against strong pressure or hypertonicity.

### Bonding

- **Unique powder coating** provides a slightly tacky surface when warm. A wet bond will hold firmly but can be pulled apart when cool.
- Permanent bond with minimum solvent and dry heat.

### Surface Finish

- **Maximum resistance to fingerprints.** Can tolerate aggressive handling.
- If pressure or wrappings are removed while Omega™ Plus is still warm, marks will disappear from the surface.

### Applications

- Use for anti-spasticity splints, lower extremity positioning splints, shoulder abduction (airplane) splints, back supports and for serial static splinting.

### Working Time (1/8")

- Sets up in three to four minutes at 160° F (71° C). Sets up quickly saving time if splinting frightened or non-compliant patients.

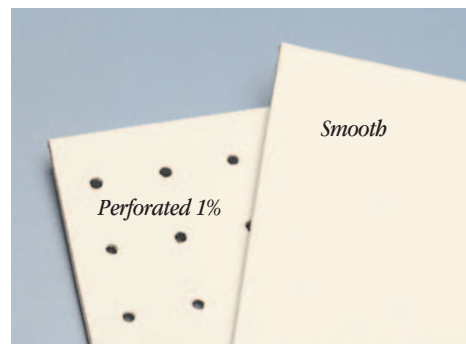
### Latex Free

#### 1/8" (3.2mm) Omega™ Plus Smooth White

NC13310	18" x 24" (45 x 60cm)	Case (4)
NC13310-1	18" x 24" (45 x 60cm)	Sheet (1)
NC13311	24" x 36" (60 x 90cm)	Case (2)

#### 1/8" (3.2mm) Omega™ Plus Perforated 1%, White

NC13312	18" x 24" (45 x 60cm)	Case (4)
NC13312-1	18" x 24" (45 x 60cm)	Sheet (1)
NC13313	24" x 36" (60 x 90cm)	Case (2)

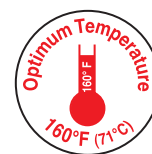


#### Perforation Guide

- Smooth
- Perforated, 1%

#### Thickness Guide

1/8" 3.2mm



## Orfit® Classic

*A variety of thicknesses and perforations make Orfit® exceptionally versatile.*



Orfit® Classic Micro Perforated



Orfit® Classic Smooth

**Resistance to Stretch**

- Minimum resistance to stretch
- Allows the splintmaker to easily stretch and wrap material.

**Drape**

- Maximum drape.
- Ideal for creating intricate shapes and contours. When warm, transparency allows proper alignment and visual monitoring over anatomical landmarks.

**Memory**

- 100% memory.
- Material will return to its original shape and size when reheated. Ideal for novice splinters.

**Rigidity**

- Moderate rigidity.
- Molded material splints flex slightly with force, especially the perforated, thinner materials.
- Circumferential splints increase rigidity.

**Bonding**

- Uncoated Orfit® Classic Soft provides a very sticky surface when warm and bonds without the need for solvents.
- Sticks easily to itself. Use as bonding agent to attach outriggers or other accessories to splint.
- For a permanent bond, apply dry heat to the surface until shiny and attach accessories directly to the material. Wet bonds can be released in warm water if necessary.
- For easier handling, add liquid soap to water and keep thermoplastic damp while molding. Handling instructions are included.

**Surface Finish**

- Resists fingerprints and other pressure marks.
- Leaves smooth, self sealing edges when cut warm.

**Applications**

- Choose thicker, smooth materials for large splints, lower extremity positioning, back supports and shoulder splints.
- Choose thinner, perforated materials for lightweight, circumferential hand and finger splints, gauntlet style splints and pediatric splints.
- Turns translucent when warm, allowing observation of landmarks and pressure-sensitive areas.

**Working time (1/8")**

- Heat at 150° (66° C). Allows five to six minutes of molding time.

**Latex Free****Orfit® Classic Smooth 1/8" (3.2mm)**

NC12672	18" x 24" (45 x 60cm)	Case (4)
NC12672-1	18" x 24" (45 x 60cm)	Sheet (1)
NC12676	24" x 36" (60 x 90cm)	Sheet (1)

**Orfit® Classic Smooth 1/12" (2.0mm)**

NC12657	18" x 24" (45 x 60cm)	Case (4)
NC12657-1	18" x 24" (45 x 60cm)	Sheet (1)

**Orfit® Classic Smooth 1/16" (1.6mm)**

NC12670	18" x 24" (45 x 60cm)	Case (4)
NC12670-1	18" x 24" (45 x 60cm)	Sheet (1)

**Orfit® Classic Micro 1/12" (2.0mm) Perforated 13%**

NC12658	18" x 24" (45 x 60cm)	Case (4)
NC12658-1	18" x 24" (45 x 60cm)	Sheet (1)

**Orfit® Classic Micro 1/16" (1.6mm) Perforated 13%**

NC12671	18" x 24" (45 x 60cm)	Case (4)
NC12671-1	18" x 24" (45 x 60cm)	Sheet (1)

**Orfit® Classic Mini 1/8" (3.2mm) Perforated 3.5%**

NC12673	18" x 24" (45 x 60cm)	Case (4)
NC12673-1	18" x 24" (45 x 60cm)	Sheet (1)
NC12674	24" x 36" (60 x 90cm)	Sheet (1)

Orfit®  
Edging Strip**ORFIT® EDGING STRIP**

*Ideal for creating smooth splint edges.*

- Made of extra-thin Orfit® Classic Soft.
- Helps create finished, smooth edging for Orfit® or other elastic thermoplastics. Works especially well over perforated edges.
- Use creatively to make small finger splints.
- Heat in 150° F (66° C) water. These thin, uncoated strips become sticky.
- Strip measures 1/24" x 3/4" x 118" (1.0mm x 19mm x 300cm).

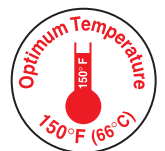
NC62904 Natural White

**Perforation Guide**

- Smooth
- Mini Perforated, 3.5%
- Micro Perforated, 13%

**Thickness Guide**

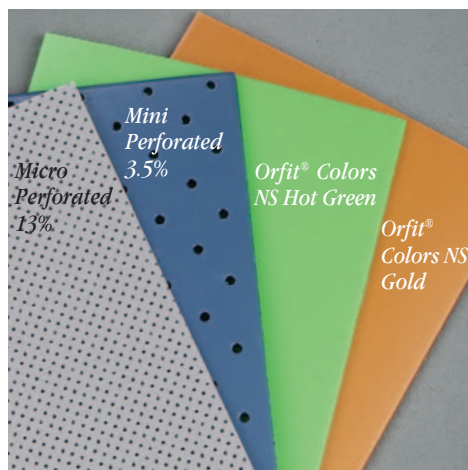
1/8"	3.2mm
1/12"	2.0mm
1/16"	1.6mm





## Orfit® Colors NS

Fun, metallic and vibrant colors add style to custom splints.



### Resistance to Stretch

- Minimum to moderate resistance to stretch.
- Maintains original thickness while stretching easily around body parts and contours.

### Drape

- Maximum drape.
- Ideal for creating intricate shapes and contours.

### Memory

- 100% memory.
- Allows the material to return to its original flat shape upon reheating.

### Rigidity

- Moderate rigidity.
- The splint flexes slightly for more comfortable positioning.

### Bonding

- NS (Non-Stick) traditional coating helps prevent the material from sticking to bandages and skin but still has some tackiness. When pinched together while warm and soft, a temporary bond is created that can be broken apart when fully cooled. For a permanent bond, scratch or use solvent to remove the coating and apply dry heat; attach the prepared accessories or material firmly.

### Surface Finish

- Resists fingerprints and other pressure marks.
- Final finish is vibrant and glossy with a professional look and feel. Rub lightly with wet finger to smooth edges.
- Forms smooth self-sealing edges when cut warm.

### Applications

- Choose thicker, smooth materials for splinting large body parts. Choose thinner, perforated materials for lightweight, circumferential hand and finger splints, gauntlet style splints and pediatric splints.

### Working Time (1/8")

- Allows four to six minutes of working time after heating at 150° F (66° C).

### Latex Free

#### New Orfit® Colors NS Hot Green

##### 1/12" (2.0mm) Smooth

NC81345-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81345	18" x 24" (45 x 60cm)	Case (4)

##### 1/12" (2.0mm) Micro Perforated, 13%

NC81345-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81345-P	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Smooth

NC81346-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81346	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Mini Perforated, 3.5%

NC81346-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81346-P	18" x 24" (45 x 60cm)	Case (4)

#### New Orfit® Colors NS Gold (Metallic)

##### 1/12" (2.0mm) Smooth

NC81343-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81343	18" x 24" (45 x 60cm)	Case (4)

##### 1/12" (2.0mm) Micro Perforated, 13%

NC81343-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81343-P	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Smooth

NC81344-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81344	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Mini Perforated, 3.5%

NC81344-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81344-P	18" x 24" (45 x 60cm)	Case (4)

#### Orfit® Colors NS Sonic Silver (Metallic)

##### 1/12" (2.0mm) Smooth

NC81339-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81339	18" x 24" (45 x 60cm)	Case (4)

##### 1/12" (2.0mm) Micro Perforated, 13%

NC81339-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81339-P	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Smooth

NC81340-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81340	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Mini Perforated, 3.5%

NC81340-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81340-P	18" x 24" (45 x 60cm)	Case (4)

#### Orfit® Colors NS Atomic Blue (Metallic)

##### 1/12" (2.0mm) Smooth

NC81341-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81341	18" x 24" (45 x 60cm)	Case (4)

##### 1/12" (2.0mm) Micro Perforated, 13%

NC81341-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81341-P	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Smooth

NC81342-1	18" x 24" (45 x 60cm)	Sheet (1)
NC81342	18" x 24" (45 x 60cm)	Case (4)

##### 1/8" (3.2mm) Mini Perforated, 3.5%

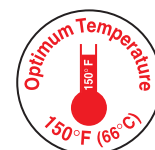
NC81342-1P	18" x 24" (45 x 60cm)	Sheet (1)
NC81342-P	18" x 24" (45 x 60cm)	Case (4)

#### Perforation Guide

- Smooth
- Mini Perforated, 3.5%
- Micro Perforated, 13%

#### Thickness Guide

1/8"	3.2mm
1/12"	2.0mm



Orfilight™

So light it floats - Up to 30% reduced weight compared to other thermoplastics.

**Resistance to Stretch**

- **Minimum to moderate resistance to stretch.** Allows moderate handling throughout the molding process.

**Drape**

- **Moderate drape.** Offers conformability for an intimate fit. Only moderate pressure is required to contour.

**Memory**

- **Moderate to maximum memory.** Slowly returns to its original size when reheated.

**Rigidity**

- **Minimum rigidity.** The finished splint offers some flexibility for greater wearing comfort. Circumferential splints and those designed with curves and folds provide greater rigidity.

**Bonding**

- Slightly tacky surface when heated helps the material stay in place to assist in creating an intimate fit.
- Pinch together while warm to make a temporary bond.
- Apply dry heat and pinch together firmly to achieve a permanent bond. Solvent is not needed. Dry heating is needed to attach straps with adhesive backing.

**Surface Finish**

- **Resists fingerprints.** Tolerates heavy handling without showing fingerprints or other marks due to its unique texture. Presents a smooth, velvety finish for a very soothing feel.

**Applications**

- Can be handled gently or aggressively. Floats in water due to its unique composition.
- Use **1/8" Orfilight™** for more supportive functional day or night splints for hands, forearms, fingers and thumbs.
- Use **3/32" Orfilight™** for lightweight, less rigid splints, circumferential splints, hand, finger and thumb splints.
- Use **1/16" Orfilight™** where the least amount of rigidity and the lightest support is needed.

**Working Time (1/8")**

- Allows three to five minutes of molding time after heating at 150° F (66°C).

**Latex Free****1/16" (1.6mm) Orfilight™ Micro Perforated 13%**

NC12664	18" x 24" (45 x 60cm)	Case (4)
NC12664-1	18" x 24" (45 x 60cm)	Sheet (1)

**3/32" (2.5mm) Orfilight™ Micro Perforated 13%**

NC12665	18" x 24" (45 x 60cm)	Case (4)
NC12665-1	18" x 24" (45 x 60cm)	Sheet (1)

**1/8" (3.2mm) Orfilight™ Smooth**

NC12666	18" x 24" (45 x 60cm)	Case (4)
NC12666-1	18" x 24" (45 x 60cm)	Sheet (1)

**1/8" (3.2mm) Orfilight™ Mini Perforated 3.5%**

NC12667	18" x 24" (45 x 60cm)	Case (4)
NC12667-1	18" x 24" (45 x 60cm)	Sheet (1)

**New 1/16" (1.6mm) Orfilight™ Black Micro Perforated 13%**

NC81358	18" x 24" (45 x 60cm)	Case (4)
NC81358-1	18" x 24" (45 x 60cm)	Sheet (1)

**3/32" (2.5mm) Orfilight™ Black Micro Perforated 13%**

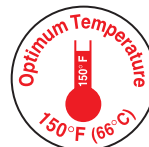
NC81359	18" x 24" (45 x 60cm)	Case (4)
NC81359-1	18" x 24" (45 x 60cm)	Sheet (1)

**1/8" (3.2mm) Orfilight™ Black Smooth**

NC81360	18" x 24" (45 x 60cm)	Case (4)
NC81360-1	18" x 24" (45 x 60cm)	Sheet (1)

**1/8" (3.2mm) Orfilight™ Black Mini Perforated 3.5%**

NC81361	18" x 24" (45 x 60cm)	Case (4)
NC81361-1	18" x 24" (45 x 60cm)	Sheet (1)

**Perforation Guide**

- Smooth
- Mini Perforated, 3.5%
- Micro Perforated, 13%

**Thickness Guide**

1/8"	3.2mm
3/32"	2.5mm
1/16"	1.6mm

**ORFIT® HAND SPLINTING INSTRUCTION KIT AND DVD**

A comprehensive guide to Orfit® materials and splinting applications.

- **Orfit® Hand Splinting Instruction Kit** includes Instructional DVD, Splinting Guide and one 7 7/8" x 11 3/4" (20 x 30 cm) sheet each of Orfilight™ and Orfit® Colors NS. Prepared and presented by Paul Van Lede.
- The **Instructional DVD** offers an overview of Orfit® materials with demonstrations of each material's use. Also sold separately.
- The **Orfit® Splinting Guide** reviews splinting patterns, including indications and step-by-step use and application.

NC25874 Instruction Kit

NC25873 Instructional DVD

**Instructional DVD**



## NEW Orfit® NS

Coated variety of Non-Stick Orfit® Classic allows multiple application opportunities.



### Resistance to Stretch

- **Minimum resistance to stretch.** Allows the splintmaker to easily stretch and wrap material for circumferential splinting.
- Stretch material to achieve maximal conforming fit.

### Drape

- **Maximum drape.** Ideal for creating intricate shapes and contours.

### Memory

- **100% memory.** Material will return to its original flat shape and size when reheated. Completely remoldable. Ideal for novice splinters.

### Rigidity

- **Moderate rigidity.** Splints flex slightly with force, especially the perforated, thinner materials.
- Circumferential splints increase rigidity.

### Bonding

- NS (Non-Stick) material has a **traditional coating** to help prevent accidental bonding, but retains a tacky surface that helps keep splint in place during molding.
- Forms temporary bond when pinched together warm but easy to pop apart once cooled.
- For permanent bond, use solvent or scrape off coating, dry heat and press together firmly.

### Surface Finish

- **Resists fingerprints** and other pressure marks.
- Leaves smooth, self sealing edges when cut warm.
- Correct shape and trim edges prior to cooling for best results.

### Applications

- Choose thicker, smooth materials for large splints, lower extremity positioning, back supports and shoulder splints.
- Choose thinner, perforated materials for lightweight, circumferential hand and finger splints, gauntlet style splints and pediatric splints.
- Turns translucent when warm, allowing observation of landmarks and pressure-sensitive areas.

### Working time (1/8")

- Heat at 150° (66° C). Allows five to six minutes of molding time.

### Latex Free

Orfit® NS 1/8" (3.2mm) 18" x 24" (45 x 60cm) Sheet (1)

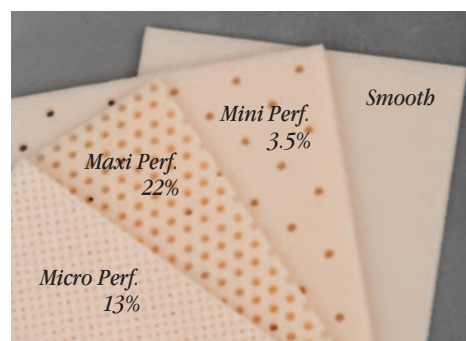
NC81365-1	Smooth
NC81365-1MNP	Mini Perforated 3.5%
NC81365-1MXP	Maxi Perforated 22%

Orfit® NS 1/12" (2.0mm) 18" x 24" (45 x 60cm) Sheet (1)

NC81367-1	Smooth
NC81367-1MCP	Micro Perforated 13%
NC81367-1MNP	Mini Perforated 3.5%
NC81367-1MXP	Maxi Perforated 22%

Orfit® NS 1/16" (1.6mm) 18" x 24" (45 x 60cm) Sheet (1)

NC81368-1	Smooth
NC81368-1MCP	Micro Perforated 13%

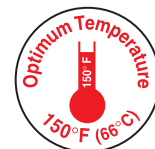


### Perforation Guide

- Smooth
- Mini Perforated, 3.5%
- Micro Perforated, 13%
- Maxi Perforated, 22%

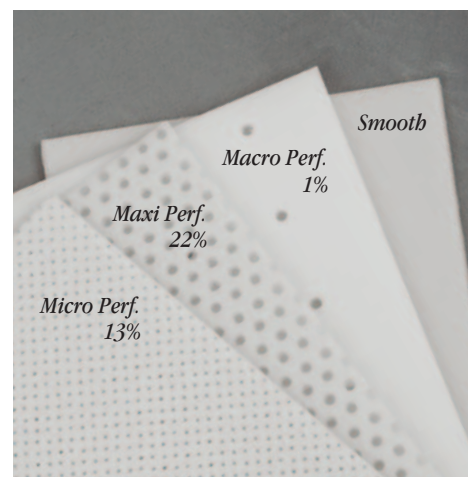
### Thickness Guide

1/8"	3.2 mm
1/12"	2.0 mm
1/16"	1.6 mm



## NEW Orfit® Natural NS

Coated material is resistant to tearing even when stretched to extremes.



### Resistance to Stretch

- **Minimum to Moderate.**
- Gently pull material to form splint.
- Tolerates minimal to moderate handling depending on the size of the splint made.

### Drape

- **Maximum.**
- Ideal for forming exact fitting over contoured areas.
- Material becomes transparent when warm for proper alignment over bony landmarks.

### Memory

- **Maximum 100% memory.** Material will return to its original flat shape when reheated. Can start over if mistakes are made.

### Rigidity

- **Moderate.** Splints flex slightly with force. Circumferential splints increase rigidity.

### Bonding

- **NS (Non-Stick)** material has a **traditional coating** that will not stick to bandage or skin but does have some tackiness.
- A temporary wet bond can be pulled apart once cooled.
- For a permanent bond, scratch off coating or use solvent and apply dry heat.

### Surface Finish

- Bright glossy finish in a white semi-transparent color that **resists fingerprints**. Most marks and marks disappear as the material cools. Edges cut smooth when warm.
- Reheated edges become smooth by rubbing with wet finger.

### Applications

- **Ideal for a wide variety of splints** from small to large. Excellent as a base for different attachments.
- Use for finger and wrist splints, cervical collars, AFOs and fracture braces.

### Working Time (1/8")

- Allows 5 to 6 minutes to form and harden after softening in 150° (66°C) water.
- Latex free.

Orfit® Natural NS  
1/8" (3.2mm) Smooth

NC81347-1 18" x 24" (45 x 60cm)

Orfit® Natural NS  
1/8" (3.2mm) Macro Perforated 1%

NC81347-1P 18" x 24" (45 x 60cm)

Orfit® Natural NS  
1/8" (3.2mm) Maxi Perforated 22%

NC81347-1MXP 18" x 24" (45 x 60cm)

Orfit® Natural NS  
3/32" (2.4mm) Smooth

NC81348-1 18" x 24" (45 x 60cm)

Orfit® Natural NS  
1/16" (1.6mm) Smooth

NC81349-1 18" x 24" (45 x 60cm)

Orfit® Natural NS  
1/16" (1.6mm) Micro Perforated 13%

NC81349-1MCP 18" x 24" (45 x 60cm)

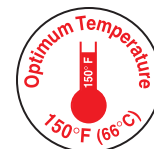


#### Perforation Guide

- Smooth
- Macro Perforated, 1%
- Maxi Perforated, 22%
- Micro Perforated, 13%

#### Thickness Guide

1/8"	3.2mm
3/32"	2.5mm
1/16"	1.6mm





## NEW Orfit® Soft-Fit NS

Superb drapability for precision fit.



### Resistance to Stretch

- **Minimum to moderate resistance to stretch.** Light handling is required to smoothly stretch material around area. Good to use in a gravity assisted position.
- Conforms well to bony anatomy with little effort.

### Drape

- **Maximum Drape** Contours well around bony prominences and into recesses of the palm and joints. Creates intimate fit easily.

### Memory

- **Moderate to Maximum memory.** Material slowly returns to its original shape when reheated.

### Rigidity

- **Moderate rigidity.** Splints hold their shape against the pull of strong muscles.

### Bonding

- **NS (Non-Stick).** Material has a **traditional coating** that will not stick to bandages or skin but does have some tackiness.
- A temporary bond can be pulled apart once cooled.
- For a permanent bond, scratch off coating or use solvent and apply dry heat.

### Surface Finish

- Glossy white, opaque surface that resists fingerprints. The material cuts easily when warm leaving smooth, rounded edges. Smooth reheated edges with wet finger.

### Applications

- **Ideal for splinting** on post surgical, cooperative patients especially hand and thumb splints.

### Working Time (1/8")

- Sets up in 3 to 6 minutes at 150° (66°C).

### Latex Free

1/8" (3.2mm) Orfit™ Soft-Fit NS Smooth

NC12430-1 18" x 24" (45 x 60cm) (1)

NC12430 18" x 24" (45 x 60cm) (4)

1/8" (3.2mm) Orfit™ Soft-Fit NS Mini Perf 3.5%

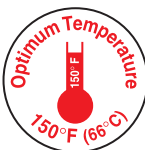
NC12431-1 18" x 24" (45 x 60cm) (1)

NC12431 18" x 24" (45 x 60cm) (4)



Perforation Guide
• Smooth
• Mini Perforated, 3.5%

Thickness Guide
1/8"



## Orfibrace™

Great for fracture bracing.



### Resistance to Stretch

- **Moderate to maximum resistance to stretch.** The material can be handled firmly.
- Orfibrace™ can be stretched and pulled around curves without thinning or growing out of control.

### Drape

- **Moderate drape.** Offers good conformability for an intimate fit. Only moderate pressure is required to contour the material.

### Memory

- **Moderate to maximum memory.** Material can be reheated to slowly return it to its original size.

### Rigidity

- **Moderate to Maximum rigidity.** Splints will hold their shape against the pull of strong muscles or hypertonicity.

### Bonding

- **Traditional coating** helps prevent unwanted sticking. When heated, it initially has a slightly tacky surface, which helps the material stay in place for an intimate fit. Pinch it together while warm to make a temporary bond. Apply solvent and dry heat to achieve a permanent bond.

### Surface Finish

- **Resists fingerprints.** Tolerates heavy handling without showing fingerprints, leaving smooth, rounded edges. Provides professional looking image with glossy smooth gray finish.

### Applications

- **Ideal for medium to large splints**, such as back supports, anti-spasticity upper extremity splints, body jackets and lower extremity orthoses. Ideal for use on patients who are unable to cooperate in the splinting process, such as those with abnormal tone conditions or joint contractures.
- Once fully molded, it becomes a rigid, supportive device that will not shrink after cooling.

### Working Time (1/8")

- Sets up in 3 to 6 minutes at 150°F (66°C).

### Latex Free

1/8" (3.2mm) Orfibrace™ Smooth

NC13340 18" x 24" (45 x 60cm) Case (4)

NC13340-1 18" x 24" (45 x 60cm) Sheet (1)

1/8" (3.2mm) Orfibrace™ Perforated 1%

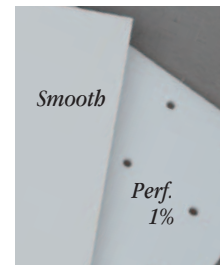
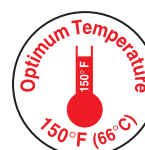
NC13342 18" x 24" (45 x 60cm) Case (4)

NC13342-1 18" x 24" (45 x 60cm) Sheet (1)

NC13343 24" x 36" (60 x 90cm) Case (2)

Perforation Guide
• Smooth
• Perforated, 1%

Thickness Guide
1/8"



# **NEW Trio™ Composite Thermoplastic** *Three in one unique material adds comfort and saves time.*



- **Trio™ Composite Thermoplastic** sheets consists of thermoplastic material laminated between stretchy, thin foam and loop fabric.
- Foam contact surface adds comfort as it wicks moisture and heat from the skin, helps keep the splint from migrating, and pads bony areas.
- Outer loop fabric allows infinite attachment points for easy strap placement and adjustments.
- Cut pattern and heat in 160° F water inside the included plastic bag for 3-8 minutes. Remove and mold directly on skin. Material remains dry for comfort during fabrication.
- Use with special non-slip, padded Trio™ Strap and Trio™ HookTabs (both sold separately) to make the fitting process easy.
- Surface of finished orthosis can be cleaned with mild detergent and warm water, air dry.



## **Resistance to Stretch**

- **Maximum**, the splinter is in control throughout the molding process. Tolerates aggressive handling.

## **Memory**

- **Maximum**.
- The molded shape returns to its original flat pattern upon reheating and can be remolded to perfection.

## **Drape**

- **Minimum/Moderate**. Can increase conformability by heating the material at higher temperature. Intricate molding is best done toward end of working time.

## **Rigidity**

- **Moderate**. Creates a sturdy splint shape that remains solid, resists breaking yet allows slight give for added wearing comfort.

## **Bonding**

- **Unable to bond**, due to the foam-fabric covering. Ideal for single surface coverage or where the edges overlap circumferentially.
- For fast and effective securement, use optional Trio™ Straps and HookTabs to hold the splint edges in place while cooling and during wear.

## **Working Time**

- Takes 3 to 5 minutes with 1/16" and 5-8 minutes with 3/32" at 160°F (71°C).

## **Applications**

- Ideal for anti-spasticity splints, post fracture splints, and resting night splints.
- The thinner material is ideal for finger and hand splints.

## **Latex Free**

<b>3/32"</b> (2.4mm) Trio™ Smooth (1) Sheet			
NC13330-BL	18" x 24" (45 x 60cm)	Blue	
NC13330-BK	18" x 24" (45 x 60cm)	Black	
<b>3/32"</b> (2.4mm) Trio™ 5% Perforated (1) Sheet			
NC13331-BL	18" x 24" (45 x 60cm)	Blue	
NC13331-BK	18" x 24" (45 x 60cm)	Black	
<b>1/16"</b> (1.6mm) Trio™ Smooth (1) Sheet			
NC13332-BL	18" x 24" (45 x 60cm)	Blue	
NC13332-BK	18" x 24" (45 x 60cm)	Black	
<b>1/16"</b> (1.6mm) Trio™ 5% Perforated (1) Sheet			
NC13333-BL	18" x 24" (45 x 60cm)	Blue	
NC13333-BK	18" x 24" (45 x 60cm)	Black	

<b>HookTabs 2"</b>			
NC13324-BL	Blue	(100)	
NC13324-BK	Black	(100)	
<b>Trio Straps™ 2" x 10yd. Roll</b>			
NC13325-BL	Blue		
NC13325-BK	Black		



## **RESTING POSITION ORTHOSIS**

*Precut patterns reduce time and costs.*

- Ideal for arthritis or neurological impairments.
- Supports the hand in a functional position, helps maintain the palmar arches and prevent contractures.
- Includes 3 Trio™ Straps and HookTabs for quicker molding and securement.
- Instructions are included.
- Latex free.
- See page 27 for sizing.

<b>Resting Position Precut (Black) 3/32" (2.4mm)</b>			
Left	Right		
NC13335-1BK	NC13335-2BK	S	(3)
NC13335-3BK	NC13335-4BK	M	(3)
NC13335-5BK	NC13335-6BK	L	(3)

<b>Resting Position Precut (Blue) 3/32" (2.4mm)</b>			
Left	Right		
NC13335-1BL	NC13335-2BL	S	(3)
NC13335-3BL	NC13335-4BL	M	(3)
NC13335-5BL	NC13335-6BL	L	(3)



# SPLINTING: ORTHOSES



## ORTHOPLAST®

*Low-temperature thermoplastic features maximum resistance to stretch.*

- Can be used in both water or dry heat, heating time 2 min. at 160°-170° F (70°-75° C).
- Self-adhering when heated.

### Orthoplast® Smooth

NC12802 1/8" x 18" x 24" (3.2mm x 46cm x 61cm) (4)

NC12801 1/8" x 18" x 24" (3.2mm x 46cm x 61cm) (1)

### Orthoplast® Perforated 1%

NC12804 1/8" x 24" x 36" (3.2mm x 61cm x 91cm) (2)

## ORTHOPLAST® II

*Specially formulated for excellent drape and rigidity.*

- Plastic-based thermoplastic material molds to contours without wrinkling, and will bond to itself with additional heat. Edges are self-finishing.

### Orthoplast® II Smooth

NC12805 1/8" x 18" x 24" (3.2mm x 46cm x 61cm) (4)

NC12805-1 1/8" x 18" x 24" (3.2mm x 46cm x 61cm) (1)

### Orthoplast® II Perforated 1%

NC12806 1/8" x 24" x 36" (3.2mm x 61cm x 91cm) (2)

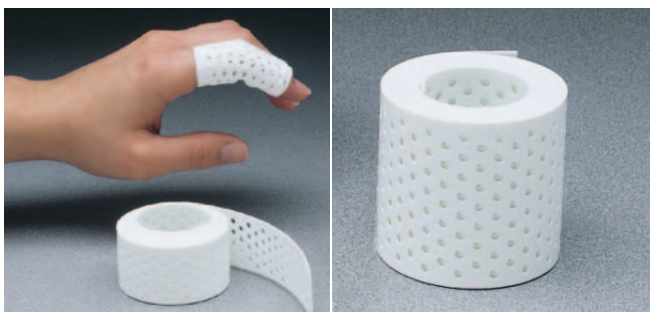


## NEW ORFICAST™ THERMOPLASTIC TAPE

*The simple way to serial cast or custom splint a thumb or finger.*

- This thin breathable, ventilated, tape conforms readily to create a precise fitting orthosis with smooth edges and a soft feel.
- Specially designed knit fabric made of low temperature thermoplastic material, like traditional 1" casting tape without the mess or need for gloves.
- Soften in 150° F (66° C) water, then wrap area by overlapping. Layers bond together when warm and come apart if forced open after cooling.
- Apply 2 to 3 layers for a semi flexible support, or use more layers for firm support.
- Finger casts can be easily trimmed with scissors to create other finger/thumb orthotic designs.
- Roll of tape measures 1.2" (3.0cm) wide x 9.8' (3.0m) long.
- Latex free.

NC62905



## PLAST-O-FIT™

*Great for serial casting of the PIP joint.*

- Made of specially perforated, coated Orfit®. Thin but sturdy.
- Ideal for serial casting to reduce IP flexion contractures and to immobilize the IP joints.
- Lightweight and perforated to allow air flow. Heat in 150° F (66° C) water to soften.
- 100% memory. Latex free.

### Pkg. of 5 rolls

NC62900 2" x 46" (5.1 x 117cm)

NC62901 3" x 46" (7.6 x 117cm)



## THERMO-PELLETS™

*Thermoplastic pellets mold together easily to adapt splints, handles and equipment.*

- Low-temperature thermoplastic pellets can be used for many applications, including built-up handles and small splints.
- Pellets soften quickly and form into a mass when heated to 140° F (60° C). Heat in water, on a heating plate or in a microwave oven.
- The mass formed from the pellets can be molded and remolded. The thermoplastic will stick to most splinting materials and porous surfaces.

NC32511 1 lb. (.45kg) pkg.

NC32513 3 lb. (1.4kg) pkg.



## FIBERGLASS CASTING TAPES

*Quick-setting, water-activated tapes for rigid casts.*

- **Delta-Lite® Conformable** tape produces a finished cast that is lightweight, exceptionally strong, resists breakdown and comfortable to wear. Use for primary and secondary casting.
- Made of knitted fiberglass substrate impregnated with polyurethane resin with three-dimensional stretch.
- Use with stockinette and cast padding. Need cast saw to remove.
- 3-5 minute set time and is weight bearing in approximately 20 minutes.
- Casting gloves for application included. Latex free.

### Delta-Lite® Conformable Casting Tape

NC15940 2" x 4 yds. (5.1cm x 3.7m) 10 Rolls

NC15941 3" x 4 yds. (7.6cm x 3.7m) 10 Rolls

- **Delta-Lite® Plus** combines knitted fiberglass substrate and water activated polyurethane resin which provides low tack properties. Allows for easy application and molding using standard examination gloves.
- Use with stockinette and cast padding. Need cast saw to remove.
- Can be used for primary and secondary casting.
- 3-5 minute set time and is weight bearing in 20 minutes.
- Latex free.

### Delta-Lite® Plus Fiberglass Casting Tape

NC16045-1WH Delta-Lite Plus White 1" (2.5cm) 10 Rolls

NC16045-2WH Delta-Lite Plus White 2" (5.1cm) 10 Rolls

NC16045-3WH Delta-Lite Plus White 3" (7.6cm) 10 Rolls

## FIBERGLASS-FREE CASTING TAPE

*Ideal for semi-rigid immobilization.*

- **Delta-Cast® Conformable** is a water activated, knitted polyester tape that produces lightweight yet strong casts. Provides rigid and semi-rigid casting options for primary and secondary applications.
- Excellent conformability with soft edges, excellent lamination and a smooth finish.
- 3-5 minute set time and is weight bearing in 20-30 minutes.
- Use with stockinette and cast padding. Can cut with scissors or cast saw.
- Casting gloves for application included.
- Latex free.

### Delta-Cast® Conformable

NC14300-2W 2" x 4 yds. (5.1cm x 3.7m) 10 Rolls

NC14300-3W 3" x 4 yds. (7.6cm x 3.7m) 10 Rolls

## SPECIALIST® EXTRA FAST PLASTER OF PARIS

*Ideal for casting hands.*

- Offers minimal plaster loss to ensure maximum strength and a smooth cast finish. Ideal for secondary casting and reinforcing casts.
- Features include low exotherm, moisture-resistant packaging, excellent strength and smooth finish.
- Water activated with 2-4 minute set time.
- Use with stockinette and cast padding. Remove with cast saw.
- Latex free.

### Specialist® Extra Fast Plaster of Paris

NC15972 2" x 3 yds. (5.1cm x 2.7m) 12 Rolls

NC15973 3" x 3 yds. (7.6cm x 2.7m) 12 Rolls

NC15974 4" x 5 yds. (10cm x 4.6m) 12 Rolls



## NEW FASTFORM® THERMOPLASTIC WRIST PRECUT ORTHOSIS

*Superior alternative to traditional casting material and non-custom moldable orthoses.*

- Aerated, fully breathable orthosis is ideal for casting, immobilization and protection of simple fractures, soft tissue trauma, and joint injuries. Provides custom fitted stabilization to the vulnerable areas for pain relief, support and healing.
- Precut pattern is made of thin, lightweight, water resistant thermoplastic material, lined with hi-tech hydrophilic fabric. This special lining eliminates the need for stockinette or cast padding and wicks away moisture without itch and odor build-up. Can be worn while showering.
- Heat the precut in an oven or in plastic bag in splint pan at 170° F (75° C). When soft, trim with scissors, wrap around the limb and mold into a perfect, snug fit. Material can be reheated and remolded.
- Includes hook and loop D-ring straps for adjustable fitting for swelling changes or muscle atrophy. Ideal for diabetic and active patients.
- Use the unique tamper evident/resistant tab to prevent unauthorized removal. Cut off tab when not needed.
- No need for cast saw. An integrated hinge allows the orthosis to be converted into a wearable rehab splint for continued support.
- Radiolucent and 85% biodegradable. Removing the orthosis/cast for X-ray is not needed.

### FastForm® Wrist Orthosis

NC12812-1 S/M Left

NC12812-2 S/M Right

NC12812-3 M/L Left

NC12812-4 M/L Right

Size	Forearm Circumference	Wrist Circumference
S/M	6" to 10 1/4" (15 to 26cm)	5 1/2" to 7 1/2" (14.5 to 19cm)
M/L	8 1/2" to 15 1/4" (22 to 39cm)	7" to 8 1/2" (18 to 22cm)



# SPLINTING: PRECUT SPLINTS/ORTHOSES



## ELBOW PRECUT SPLINT

*Treat elbow contractures in less time.*

- Provides static or static progressive positioning of the elbow following fractures, trauma and other orthopedic or neurological conditions.
- Can be applied anteriorly or posteriorly.
- Optional 1/8" (3.2mm) **SplintCushion™** Padding sold separately. Precut and made of closed-cell foam. Apply to the precut, heat in water and mold.
- Instructions are included.



Package of 3			Splint Length	Proximal Splint Width	Distal Splint Width
NC33902-1S	1/8" Solaris™	S/M	17½" (44cm)	7½" (19cm)	4¼" (11cm)
NC33902-2S	1/8" Solaris™	L	19½" (50cm)	8¼" (21cm)	5" (13cm)
NC33902-1P	1/8" Preferred®	S/M	17½" (44cm)	7½" (19cm)	4¼" (11cm)
NC33902-2P	1/8" Preferred®	L	19½" (50cm)	8¼" (21cm)	5" (13cm)

### SplintCushion™ Padding

NC33902-1SC	Small/Medium	(3)
NC33902-2SC	Large	(3)



## LONG ARM PRECUT SPLINT

*Large precut splint saves design and cutting time.*

- Provides protection and immobilization of the elbow, forearm and wrist following humeral/forearm fractures, elbow arthroplasty and other orthopedic conditions.
- Fits large-size arms. To fit smaller individuals, position arm and measure from the distal palmar crease to the mid-humerus. Trim length accordingly.
- Hand portion can be cut off at the wrist area if wrist support is not needed.
- Can be molded with the elbow flexed or extended, in various positions and applied posteriorly or anteriorly.
- Splint measures 23" (58cm) in length, 8½" (22cm) across the humeral width, and 5¾" (15cm) across the palmar edge.
- Sold individually. Instructions are included.



NC33900S 1/8" Solaris™

NC33900P 1/8" Preferred®



## SUGAR-TONG PRECUT SPLINT

*Provides neutral forearm and wrist stabilization with some elbow flexion.*

- Ideal for cumulative trauma injuries, forearm fractures, post total elbow joint replacement, biceps tendon repairs and ulnar nerve transposition conditions.
- Use **Solaris™** material for a longer working time and tacky surface. For a quicker setup with minimal surface tackiness use **Omega™ Max**.
- Measurements at wider forearm area are: Small 3½" (3.9cm), Medium 4" (10cm) and Large 4½" (11cm). To size, position forearm-wrist in neutral with elbow flexed at 90°. Measure from mid palm (distal palmar crease), down forearm, around elbow and up to the mid dorsal palm (proximal to the MPs). If between sizes, select larger size for heavier forearm.
- Instructions are included.

1/8" Solaris™	Length		
NC33901-1S	Small	30" or less (76cm or less)	(3)
NC33901-2S	Medium	30" to 34" (76 to 86cm)	(3)
NC33901-3S	Large	34" or more (86cm or more)	(3)

1/8" Omega™ Max	Length		
NC33901-1OM	Small	30" or less (76cm or less)	(3)
NC33901-2OM	Medium	30" to 34" (76 to 86cm)	(3)
NC33901-3OM	Large	34" or more (86cm or more)	(3)



## CLAMDIGGER METACARPAL PRECUT FRACTURE SPLINT

*Position the band in an intrinsic-plus position without bulk at the MPs.*

- Protects and immobilizes the hand and wrist following boxer's fracture of the fourth and fifth metacarpals in an ulnar gutter design.
- If IP mobility is desired, simply trim the distal portion of the splint.
- Design eliminates the bulk at the MPs, unlike other gutter designs.
- Instructions are included. To size, see chart on page 27.

### 1/8" Spectrum™ White

NC33985-1	Small	(3)
NC33985-2	Medium	(3)

### 1/8" Preferred®

NC33986-1	Small	(3)
NC33986-2	Medium	(3)



## RADIAL BAR WRIST COCK-UP PRECUT SPLINT

*Angled to ensure clearance at the MP crease.*

- Extended ulnar border and flared forearm trough provide support when the splint is dorsal or volar.
- Can be applied dorsally or volarly. Use as a base splint for dynamic finger outrigger attachments.
- Supports the wrist for a variety of medical conditions.
- Latex free.
- Instructions are included. To size, see chart on page 27.



### 1/8" Preferred® Smooth

NC33953-1	Small	(3)
NC33953-2	Medium	(3)
NC33953-3	Large	(3)

### 1/8" Preferred® Perforated 1%

NC33954-1	Small	(3)
NC33954-2	Medium	(3)
NC33954-3	Large	(3)

### 3/32" Preferred® Smooth

NC33955-1	Small	(3)
NC33955-2	Medium	(3)
NC33955-3	Large	(3)



## GAUNTLET IMMOBILIZATION PRECUT SPLINT

*Circumferential splint ensures dorsal and volar immobilization.*

- Made of 1/12" (2.0mm) Orfit® Classic Micro Perforated splinting material. Just stretch and roll back thumb hole edges for exact fit.
- Provides full immobilization of the wrist during inflammatory conditions and scaphoid fractures. Also recommended following wrist arthroplasty.
- Lightweight, yet strong and durable.
- Sold individually. Instructions are included.
- Latex free.
- To size, see chart on page 27.

### 1/12" Orfit® Classic Micro Perforated

NC15839-1	Small
NC15839-2	Medium
NC15839-3	Large



## THUMB HOLE WRIST COCK-UP PRECUT SPLINT

*Comfortable, neutral position wrist support.*

- Places the wrist in a neutral position and minimizes deviation.
- Provides comfortable, circumferential support to hold the wrist in the desired angle of flexion or extension.
- Supports the wrist in the correct position and allows free finger motion. May decrease pain caused by carpal tunnel syndrome and other wrist disorders.
- Latex free.
- Instructions are included. To size, see chart on page 27.

### 1/8" Preferred®

NC33943-1	Small	(3)
NC33943-2	Medium	(3)
NC33943-3	Large	(3)

### 3/32" Preferred®

NC33934-1	Small	(3)
NC33934-2	Medium	(3)
NC33934-3	Large	(3)



## DORSAL BLOCKING PRECUT SPLINT

*Position the wrist, finger MP and IP joints following flexor tendon repair.*

- Separate palmar bar provides support to the palmar arch and minimizes distal splint migration.
- The palmar bar extension may be trimmed away if traction is not required.
- Use with Stick-On™ Finger Hooks (NC12357) and Gyova™ Finger Springs™ (NC12508-H) for quick flexor tendon repair splinting.
- Punch holes in palmar bar to provide line guides for dynamic splinting.
- Latex free.
- Instructions are included. To size, see chart on page 27.

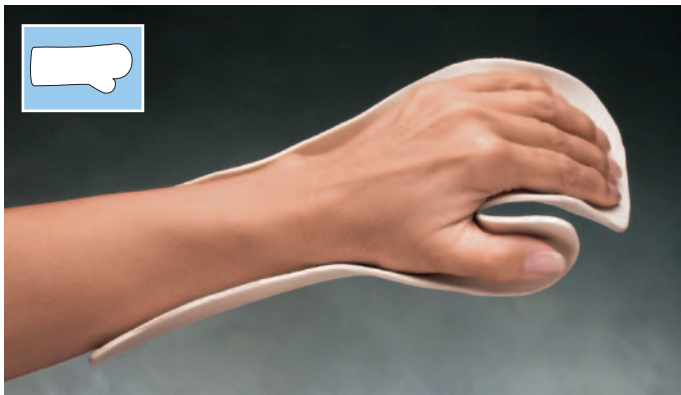
### 1/8" Preferred®

NC33965-1	Small	(3)
NC33965-2	Medium	(3)
NC33965-3	Large	(3)

*Stick-On™ Finger Hooks (Pg.55)  
and Gyova Finger Springs™ (Pg. 53)  
sold separately.*







## RESTING PAN MITT PRECUT SPLINT



*Comfortable positioning for the spastic or arthritic hand.*

- Ideal for patients with arthritis or neurological impairments.
- Supports the hand in a functional position to help maintain the palmar arches and prevent contractures.
- Thumb can be placed in neutral between palmar and radial abduction.
- Can be easily modified to be applied dorsally for abnormal tone positioning.
- Instructions are included.
- Latex free.
- To size, see chart on page 27.



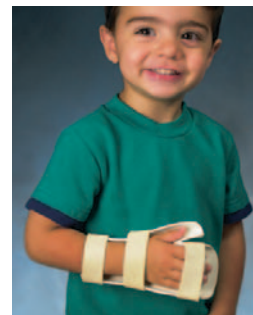
*Adapted dorsal application*

## 1/8" Omega™ Max

NC13809-P	Pediatric	(3)
NC13809-1	Small	(3)
NC13809-2	Medium	(3)
NC13809-3	Large	(3)

## 1/8" Encore™ White

NC13809-PE	Pediatric	(3)
NC13809-1E	Small	(3)
NC13809-2E	Medium	(3)
NC13809-3E	Large	(3)



## DORSAL COCK-UP PRECUT SPLINT

*Ideal for treating hypertonicity. Two thicknesses provide rigid or semiflexible support.*

- Allows for tone-inhibiting positioning of the wrist. The volar surface is free, allowing for increased function. Use in the treatment of hemiplegia or brachial nerve plexus injury.
- The 1/8" (3.2mm) thickness can be used as a base for outriggers or as an immobilizing cock-up splint. The 1/12" (2.0cm) thickness can be used as a semiflexible splint for limiting extremes of flexion and extension.
- Encore™ and Omega Max™ sold in a package of three. Orfit® Classic Micro Perforated sold individually.
- Instructions are included.
- Latex free.
- To size, see chart on page 27.

## 1/8" Encore™ White

NC33752-1E	Small	(3)
NC33752-2E	Medium	(3)
NC33752-3E	Large	(3)

## 1/8" Omega Max™

NC37521-1	Small	(3)
NC37521-2	Medium	(3)
NC37521-3	Large	(3)

## 1/12" Orfit® Classic Micro Perforated 13%

NC33765-1	Small	(1)
NC33765-2	Medium	(1)
NC33765-3	Large	(1)



## RESTING PAN POSITION PRECUT SPLINT

*Easily positions the thumb in the desired degree of abduction.*

- Supports the hand in a functional position to help maintain the palmar arches and prevent contractures. Positions the thumb in palmar abduction or slight opposition.
- Ideal for nighttime positioning for hemiplegia or neurological impairments. May be used during the acute phase of an injury for protection and comfort of the injured hand or wrist.
- Generously cut to accommodate a flaccid forearm.
- Instructions are included.
- Latex free.
- To size, see chart on page 27.



*Perforated 1%*

## 1/8" Preferred®

NC33960-1	Small	(3)
NC33960-2	Medium	(3)
NC33960-3	Large	(3)

## 1/8" Omega™ Max

NC33959-10M	Small	(3)
NC33959-20M	Medium	(3)
NC33959-30M	Large	(3)

## 1/8" Solaris™

NC33960-1S	Small	(3)
NC33960-2S	Medium	(3)
NC33960-3S	Large	(3)

## 1/8" Preferred™ Perforated 1%

NC33964-1P	Small	(3)
NC33964-2P	Medium	(3)
NC33964-3P	Large	(3)



## WRIST AND THUMB SPICA PRECUT SPLINT

*Eliminate wasted material and time with this popular splint pattern.*

- Immobilizes the wrist and thumb CMC and MP joints. Ideal for treating tenosynovitis, de Quervain's, and thumb MP joint problems.
- The thumb design allows for greater ease of fabrication and positioning.
- Instructions are included.
- To size, see chart below.

### 1/8" Smooth Preferred®

NC33933-1	Small	(3)
NC33933-2	Medium	(3)
NC33933-3	Large	(3)

### 1/8" Solaris™

NC33933-1S	Small	(3)
NC33933-2S	Medium	(3)
NC33933-3S	Large	(3)

### 1/8" Encore™

NC33933-1E	Small	(3)
NC33933-2E	Medium	(3)
NC33933-3E	Large	(3)



## RADIAL BASED THUMB SPICA PRECUT SPLINT

*An alternative design that fits the radial half of the hand and forearm.*

- Ideal for use in the treatment of inflammatory conditions such as de Quervain's, tenosynovitis or following thumb MP or CMC joint reconstruction.
- Pattern includes a positioning tab for accurate placement every time.
- Leaves the ulnar border of the hand free for functional use.
- Instructions are included.
- To size, see chart below.

### 1/8" Preferred®

NC33983-1	Small	(3)
NC33983-2	Medium	(3)
NC33983-3	Large	(3)

### 1/8" Encore™

NC33983-1E	Small	(3)
NC33983-2E	Medium	(3)
NC33983-3E	Large	(3)

### 3/32" Preferred®

NC33984-1	Small	(3)
NC33984-2	Medium	(3)
NC33984-3	Large	(3)



## COMPLETE THUMB IMMOBILIZATION PRECUT SPLINT

*Circumferential splint effectively immobilizes the wrist and thumb.*

- No need to add a separate thumb piece. The tip of the thumb piece can be cut off if desired.
- Use in the treatment of inflammatory conditions such as de Quervain's, or after MP joint reconstruction for immobilization of wrist and thumb.
- Instructions are included.
- To size, see chart below.

### 1/12" Orfit® Classic Micro Perforated

NC22414-1	Small	(1)
NC22414-2	Medium	(1)
NC22414-3	Large	(1)



## NEW TRIO™ WRIST AND THUMB PRECUT SPICA

*Complete three-in-one material saves time when treating patients.*

- High memory 3/32" thermoplastic material is laminated between stretchy, thin foam and loop fabric. See page 21 for characteristics and material handling.
- Immobilizes the wrist and thumb CMC and MP joints. Ideal for treating tenosynovitis, de Quervain's, and thumb MP joint problems. Includes Trio™ Straps and HookTabs for fast and easier molding. Instructions are included.
- To size, see chart below.

Left	Right	Size	Color
NC13337-1BK	NC13337-2BK	Small	Black (3)
NC13337-3BK	NC13337-4BK	Medium	Black (3)
NC13337-5BK	NC13337-6BK	Large	Black (3)
NC13337-1BL	NC13337-2BL	Small	Blue (3)
NC13337-3BL	NC13337-4BL	Medium	Blue (3)
NC13337-5BL	NC13337-6BL	Large	Blue (3)

**Precut Splints Sizing Guidelines:** To choose the most appropriate size, measure the circumference of the hand at the MP joints and at the wrist crease. Sizes overlap and are intended to allow you to choose the size that best matches your client's measurements. If a client falls within two ranges, choose the larger size to ensure that there is sufficient material for a proper fit.

	MP Circumference		Wrist Circumference	
<b>Pediatric</b>	5" to 6½"	(13 to 16cm)	4" to 6"	(10 to 15cm)
<b>Small</b>	7" to 7½"	(16 to 19cm)	5½" to 7½"	(14 to 19cm)
<b>Medium</b>	7½" to 8½"	(19 to 21cm)	7" to 8½"	(16 to 21cm)
<b>Large</b>	8" to 9"	(20 to 23cm)	7½" to 9½"	(19 to 24cm)



# SPLINTING: PRECUT SPLINTS/ORTHOSES



## GAUNTLET THUMB POST PRECUT SPLINT

*Immobilize the thumb with this custom circumferential splint.*

- This splint provides stable, comfortable support for the thumb CMC and MP joints. Use to treat arthritis, tenosynovitis or gamekeeper's thumb.
- Allows full use of fingers. Thumb tip can be stretched to stabilize the IP joint.
- To size, see chart on page 27.
- Instructions are included.

### 1/16" Orfit® Classic Soft Micro Perf. 13%

NC15840-1	Small	(3)
NC15840-2	Medium	(3)
NC15840-3	Large	(3)

### 1/16" Orflight® Micro Perforated 13%

NC15840-1OL	Small	(3)
NC15840-2OL	Medium	(3)
NC15840-3OL	Large	(3)

### 1/16" Encore™ White

NC15840-1E	Small	(3)
NC15840-2E	Medium	(3)
NC15840-3E	Large	(3)

### 1/16" Encore™ Black Perforated 11%

NC15840-1EK	Small	(3)
NC15840-2EK	Medium	(3)
NC15840-3EK	Large	(3)



## COLDITZ™ THUMB CMC PRECUT SPLINT

*Provide pain relief and proper alignment to the thumb CMC joint.*

- Designed for thumb CMC discomfort and instability due to arthritis, sprains and strains, and following CMC arthroplasty. Provides custom fitted CMC basal joint stabilization without impeding wrist or thumb MP motion.
- 3/32" (2.4mm) Preferred® material creates a lighter weight support.
- 1/8" (3.2mm) Clinic® material provides full joint immobilization support.
- Fits either hand. To size measure circumference at the MP Joints. See chart on page 27.

### 1/8" Clinic®

NC22625-1C	(3)
NC22625-2C	(3)
NC22625-3C	(3)

### 3/32" Preferred®

NC22625-1P	(3)
NC22625-2P	(3)
NC22625-3P	(3)



## CMC THUMB PRECUT SPLINT

*Provides lightweight, yet strong support for the CMC and MP joints.*

- Excellent for CMC arthritis and ligamentous injuries. Supports the thumb CMC and MP joints while allowing free wrist motion for functional use.
- Lightweight, comfortable and easy to mold.
- One universal size can be trimmed easily to fit an array of hand sizes.
- Package of three. Instructions are included.

NC33980-1 3/32" Preferred® (3)

NC33980-1E 3/32" Encore™ White (3)



## NEW TRIO™ CMC THUMB PRECUT SPLINT

*Unique three-in-one material creates comfort and efficient use of time.*

- This 1/16" thermoplastic material is laminated between stretchy, thin foam and loop fabric. See page 21 for characteristics and material handling.
- Use to treat CMC arthritis and ligamentous injuries. Supports the CMC and MP joints.
- Instructions, Trio™ Straps and Trio™ HookTabs are included for fast and easier molding. Package of three.
- Universal size can be trimmed for optimal fit.

Left	Right	Color
NC13329-5BK	NC13329-6BK	Black (3)
NC13329-5BL	NC13329-6BL	Blue (3)

## PREFORMED FUNCTIONAL POSITION HAND SPLINT

*One of our most popular splints.*

- Made of 1/8" or 3/32" (3.2mm or 2.4mm) splinting material.
- Maintains a functional position of the hand and wrist. Can be adjusted with a heat gun or by immersing in 160° F (71° C) water.
- Available with or without straps. Models with straps includes two 2" (5.1 cm) wide and one 1 1/2" (3.8 cm) wide CushionStraps™.
- Latex free.
- To size, see chart on page 30.

### 1/8" (3.2mm) Preformed

Left	Right	
NC15920	NC15921	S
NC15922	NC15923	M
NC15924	NC15925	L

### 3/32" (2.4mm) Preformed

Left	Right	
NC15931	NC15932	S
NC15933	NC15934	M
NC15935	NC15936	L

### 1/8" (3.2mm) Preformed with Straps

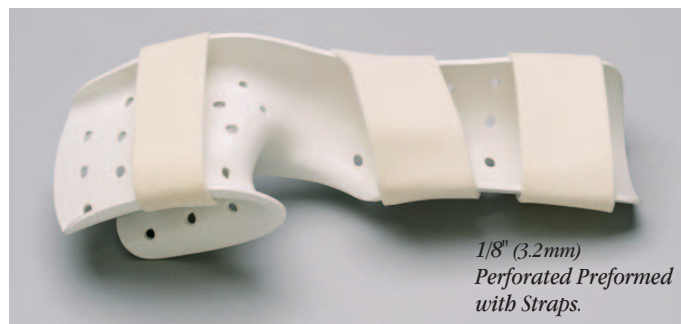
Left	Right	
NC15920-D	NC15921-D	S
NC15922-D	NC15923-D	M
NC15924-D	NC15925-D	L

### 3/32" (2.4mm) Preformed with Straps

Left	Right	
NC13600	NC13601	S
NC13602	NC13603	M
NC13604	NC13605	L

### 1/8" (3.2mm) Perforated Preformed with Straps

Left	Right	
NC13530	NC13531	S
NC13532	NC13533	M
NC13534	NC13535	L



## PREFORMED ANTI-SPASTICITY BALL SPLINT

*Places the hand in a flexion-inhibiting position and maintains the hand arches.*

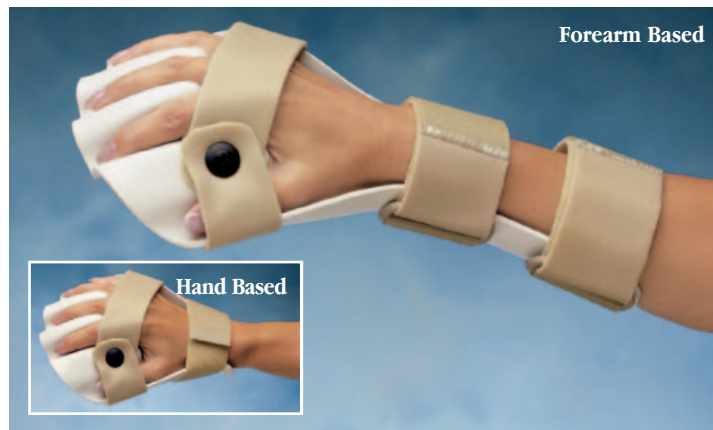
- Made of 1/8" (3.2mm) splinting material.
- Ideal for positioning the spastic hand.
- Padded hand strap is anchored with a rivet for a secure positioning.
- Adjust with a heat gun or by immersing the splint in 160°F (71°C) water.
- Latex free.
- To size, see chart on page 30.

### Forearm Based

Left	Right	
NC15818-3	NC15818-4	S
NC15818-5	NC15818-6	M
NC15818-7	NC15818-8	L

### Hand Based

Left	Right	
NC13540	NC13541	S
NC13542	NC13543	M
NC13544	NC13545	L



## PREFORMED NEUTRAL POSITION HAND SPLINT

*Keeps fingers relaxed while maintaining a neutral hand position.*

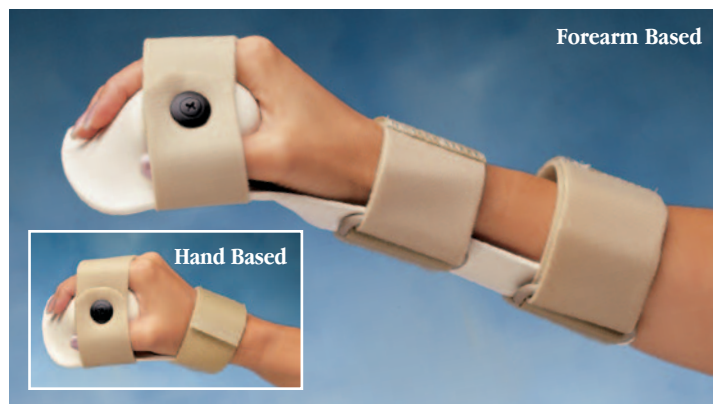
- Made of 1/8" (3.2mm) splinting material.
- Use for CVA clients or persons in a skilled nursing facility or rehabilitation program.
- Adjust with a heat gun or by immersing the splint in 160°F (71°C) water.
- Includes three pieces of CushionStrap™ that fasten with Velcro® hook tabs.
- Latex free.
- To size, see chart on page 30.

### Forearm Based

Left	Right	
NC15830-1	NC15830-2	S
NC15830-3	NC15830-4	M
NC15830-5	NC15830-6	L

### Hand Based

Left	Right	
NC13550	NC13551	S
NC13552	NC13553	M
NC13554	NC13555	L

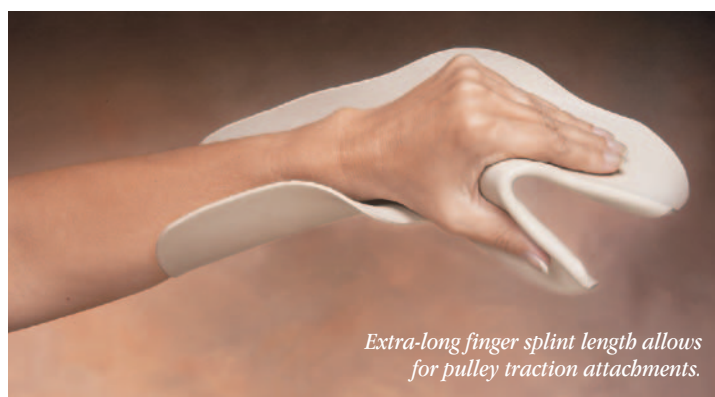




# SPLINTING: PREFORMED SPLINTS/ORTHOSES



Available in 1/8" (3.2mm) splinting material with or without straps and in 3/32" (2.4mm) splinting material with straps.



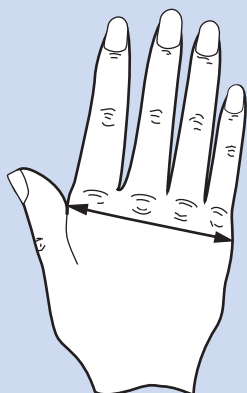
Extra-long finger splint length allows for pulley traction attachments.



## HOW TO SIZE PREFORMED SPLINTS:

To determine the correct size for Preformed Splints found on pages 29-30, measure hand width at finger MP joints. If the hand width falls between two sizes, use the next larger size.

	Width at MP Joints
Small	Up to 3½" (Up to 8.9cm)
Medium	3½" to 4" (8.9 to 10cm)
Large	4" and up (10cm and up)



## PREFORMED RESTING PAN MITT SPLINT

*Preformed splint positions the spastic and arthritic hand comfortably.*

- Made of 1/8" and 3/32" (3.2 and 2.4mm) splinting material.
- Places the thumb in a 45° extension between palmar and radial abduction and MPs at 70° to 90° of flexion while keeping the wrist neutral.
- Adjust with a heat gun or by immersing the splint in 160°F (71°C) water.
- Includes two 2" (5.1cm) wide and one 1½" (3.8cm) wide CushionStraps™.
- Latex free.
- To size, see chart below.

1/8" (3.2mm) with Straps			3/32" (2.4mm) with Straps		
Left	Right		Left	Right	
NC13700	NC13701	S	NC13800	NC13801	S
NC13702	NC13703	M	NC13802	NC13803	M
NC13704	NC13705	L	NC13804	NC13805	L

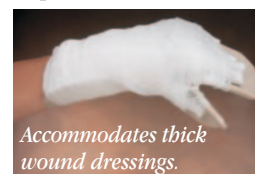
1/8" (3.2mm) without Straps		
Left	Right	
NC15837-1	NC15837-2	S
NC15837-3	NC15837-4	M
NC15837-5	NC15837-6	L

## SAFE POSITION BURN SPLINT

*Help prevent burn contractures with this durable splint.*

- Made of 1/8" (3.2mm) coated, beige Spectrum™ splinting material. Modify with a heat gun or by immersing in 160°F (71°C) water.
- Keeps the hand in an intrinsic-plus position. Ideal for positioning hands following burn injuries, tendon transfers or trauma.
- The wrist is positioned at 20° to 30° extension, MPs at 60° to 70° flexion, IP extended and thumb in mid-abduction/extension position.
- Latex free.
- Clean with antiseptic. To size, see chart below.

Left	Right	
NC15959-1	NC15959-2	Small
NC15959-3	NC15959-4	Medium
NC15959-5	NC15959-6	Large



Accommodates thick wound dressings.

## WANCHIK™ NEUTRAL POSITION RESTING WRIST/HAND ORTHOSIS

*Maintains hand and wrist joints in mid-position for comfort.*

- Made of 1/8" (3.2mm) Kydex®, a durable, high-temperature thermoplastic appropriate for long-term splinting.
- D-ring wrist strap secures wrist in the correct position so the fingers are automatically in place.
- Use heat gun to adjust fit and/or trim with a saw and file edges.
- Latex free.
- To size, see chart below.

Left	Right	
NC15954-1	NC15954-2	Small
NC15954-3	NC15954-4	Medium
NC15954-5	NC15954-6	Large
NC15954-7	NC15954-8	X-Large

## HOOK & LOOP KIT

*This kit contains the basic strapping materials needed for occasional hand splinting.*

- Packaged in convenient dispenser boxes. Latex free.
- Refer to page 39 for more information.

NC37520

## SPLINT STRAP KIT

*Save time when positioning hand splints.*

- Made of AlphaStrap® (page 40) and Velcro® Sticky Back Hook® (page 43). Latex free.
- Convenient kit is ideal for replacing worn straps. Kit contains five 1" (2.5cm) wide straps and ten 2" (5.1cm) wide straps.

NC15960

## POLY SPLINT LINERS

*Plush liners will not fray when cut.*

- Plush terry-like, polyester and spandex liners have a comfortable amount of elasticity so liners cling nicely to the forearm when worn under hard casts.
- Available in two widths: 2" and 3" (5.1 and 7.6cm). Splint liner lengths are approximately 16" (41cm) for the Standard and 19" (48cm) for the Long. The splint liner and thumb piece can be cut for a more custom fit.
- Made of 93% polyester, 7% spandex. Machine wash and air dry.



	Width	Length	
NC12895-2	2" (5.1cm)	Standard	(10)
NC12895-3	3" (7.6cm)	Standard	(10)
NC12896-2	2" (5.1cm)	Long	(10)
NC12896-3	3" (7.6cm)	Long	(10)

## COTTON FINISHED STOCKINETTE LINERS

*Soft, thin liner with finished edges will fit most hands and forearms.*

- Made of ribbed cotton with finished edges that prevent raveling.
- Cotton absorbs moisture to keep skin cool, dry and odor-free.
- Flat width measures 2" (5.1cm). Liners stretch to fit most hand sizes and measure 13" (33cm) long.
- Washable and reusable.



### 2-Ply Liners without Thumb

NC12530	Natural	(10)
NC12530-B	Black	(10)

### 1-Ply Liners without Thumb

NC12532-1	Natural	(10)
NC12532-1B	Black	(10)

### 2-Ply Liners with Thumb

NC12531	Natural	(10)
NC12531-B	Black	(10)

### 1-Ply Liners with Thumb

NC12532-2	Natural	(10)
NC12532-2B	Black	(10)



## COTTON STOCKINETTE

*Economical stockinette wicks away perspiration to reduce skin irritation.*

- Absorbent, unbleached, knitted cotton.
- Use as a removable, washable liner under an orthosis.
- Reduces perspiration build-up under orthoses.
- Stretches up to four times its normal width to conform to the body.
- Sold in a convenient dispenser box.



	Color	Width
NC12872	Natural	2" x 25 yd. (5.1cm x 23m)
NC12873	Natural	3" x 25 yd. (7.6cm x 23m)
NC12873-40	Natural	4" x 25 yd. (10cm x 23m)
NC12873-50	Natural	5" x 25 yd. (13cm x 23m)
NC12882	Black	2" x 25 yd. (5.1cm x 23m)
NC12883	Black	3" x 25 yd. (7.6cm x 23m)
NC12884	Black	4" x 25 yd. (10cm x 23m)

## SPECIALIST™ STOCKINETTE

*Cotton stockinette won't absorb perspiration under splints.*

- Non-absorbent, treated cotton helps keep the affected area cool.
- Ideal for use under casts or orthoses.
- Will stretch up to three times its normal width for a snug fit.

	Width
NC15701-2	2" x 25 yds. (5.1cm x 23m)
NC15701-3	3" x 25 yds. (7.6cm x 23m)



## HEAVY DUTY STOCKINETTE

*Durable cotton helps keep skin cool and dry.*

- Heavy-duty, ribbed cotton. Latex free.
- Use to help control edema, prevent pressure sores and ease cast application.
- Cotton draws moisture away from skin, which helps keep it cool, comfortable and odor-free.
- Washable and reusable.
- Sold in 25 yd. (23m) rolls.
- Sizes measure the flat width of the bandage.

	Flat Width
NC15774	2 1/4" (5.7cm)
NC15775	3" (7.6cm)
NC15776	3 1/2" (8.9cm)



# SPLINTING: PADDING



## COMFORT-GEL™ PADS

*Pre-made pads for thermoplastic splints, soft splints and orthotic devices.*

- Use these pads to cushion vulnerable areas, reduce skin maceration and eliminate friction.
- Slightly tacky gel pads adhere directly to the skin to help soften and protect. Pads retain their effectiveness for up to six weeks, and have an indefinite shelf life.
- Made of 1/8" (3.2mm) thick silicone gel with adhesive or hook backing. Silicone is the *only* proven material for scar management, and this long-lasting pad is more cost effective than glycerin oil-based products. Hypoallergenic and non-toxic.
- **Adhesive-back** pad can be applied to thermoplastic splints after molding.
- **Hook-back** pad can be applied easily to fabric lining. Ideal for use with Comfort Cool™ and Comfortprene™ splints.
- Hand wash with mild soap and pat air dry.
- See page 76 for other applications.



**Rectangular Pad 2 1/2" x 1 1/2" (6.4 x 3.8cm)**

NC85050A Adhesive-back

NC85050H Hook-back

**Curved Pad 3" x 2" (7.6 x 5.1cm)**

NC85051A Adhesive-back

NC85051H Hook-back

## ELASTO-GEL™ SPLINT PADS

*Effectively reduce skin maceration and raised scars.*

- Made of glycerin, water and a polyacromide binder that prevents sticking to wounds.
- Helps reduce skin maceration and pressure sores.
- Tacky surface prevents slippage on skin.
- Pads stay in place on splint with easy-to-apply adhesive backing. Elasto-Gel™ Splint Pads help secure the splint without creating shearing forces or bottoming out.
- Clean with mild soap and air dry.
- Measures 1/8" x 4" x 4" (3.2mm x 10cm x 10cm).
- Sold in a pack of 25.



NC12310 (25)

## SILOPAD™ PRESSURE SENSITIVE DOTS

*Reduce pressure and eliminate friction areas on splints.*

- Silipos® polymer dots have adhesive backing and measure 1/8" (3.2mm) thick and 1 1/8" (2.9cm) in diameter.
- Effective for up to 2 weeks.
- Sold in packages of 15 dots.

NC82900-1 (15)



## Help relieve pressure and soften scars with Silipos® patented gel.

*Ultra-soft, medical-grade mineral oil gel pads and stocking liners offer unequalled pressure relief and skin softening.*

### Silipos® patented gel:

- Moisturizes and lubricates the skin by slowly releasing medical-grade mineral oil. Silicone free and nontoxic.
- Insulates against friction, shearing and abrasion.

### Silipos® gel products:

- Non-sterile. Do not use on open wounds.
- Stretch and moves with the client.
- Tubing stretches to at least twice its flat width for sizing. Cut as needed for a custom fit. Material will not ravel when cut.
- May be hand washed and air dried. Four-year shelf life.

## SILIPOS® CARPAL GEL SLEEVES

*Soft supple sleeve with built in gel pad.*

- The contoured 6 1/2" (17cm) long Carpal Gel Sleeve is an elastic fabric.
- Fingerless glove lined with a Carpal Gel Pad that provides gentle compression over the mid-palmar crease and wrist.
- The 1/8" to 1/4" (3.2 to 6.4mm) thick gel pad has a tacky surface and insulates against shock.



### Carpal Gel Sleeve

Left	Right		Wrist Circumference
NC83013	NC83014	Small/Medium	5" to 6 1/2" (13 to 17cm)
NC83015	NC83016	Large/X-Large	6 1/2" to 7 1/2" (13 to 19cm)

## SILIPOS® CARPAL GEL PADS

- These contoured gel pads measure 2" to 5 1/8" (5.1 x 9.5cm).
- Adhesive back makes them ideal for lining splints.

### Silipos® Carpal Gel Pads (with adhesive)

NC83021 Carpal Gel Pads (3)



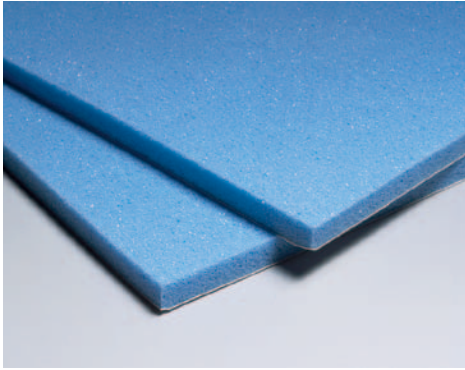
## SILIPOS® MESH TUBING

*Gel-coated, elastic tube protects against friction and pressure.*

- Mesh tubing provides gentle compression. Has 1/16" (1.6mm) nontacky gel coating.
- Tube can be cut to size. Use the 3" (7.6cm) size for arms. The 3/4" (19mm) size fits fingers.
- Sizes based on flat width of tubing.

### Flat Size

NC83000	3" x 10" (7.6 x 25cm)	(1)
NC83001	3/4" x 6" (19mm x 15cm)	(3)



## CONTOUR FOAM

*Open-cell padding with memory.*

- Made of open-cell foam.
- Excellent for padding adaptive equipment and lining splints. Firm, compressive foam with slow recovery conforms to body contours for a custom fit.
- Clean with a damp sponge and air dry.
- Sheets measure 16" x 24" (41 x 61cm).

### Adhesive Back (2)

NC12905 3/8" (9.5mm) Thickness

### Non-adhesive Back (1)

NC12906 1" (2.5cm) Thickness



## SLO-FOAM™ PADDING

*Non-allergenic padding protects the skin.*

- Made of adhesive-backed, open-cell foam with slow recovery. Body heat helps mold foam.
- Offers excellent conformity. Use to customize prefabricated splints and adaptive equipment.
- Non-allergenic.
- Clean with a damp sponge and air dry.
- Sheets measure 3/8" x 8" x 12" (9.5mm x 20cm x 30cm).

### Medium Density Blue

NC12630 (10)

### Soft Density Pink

NC12630-1 (10)



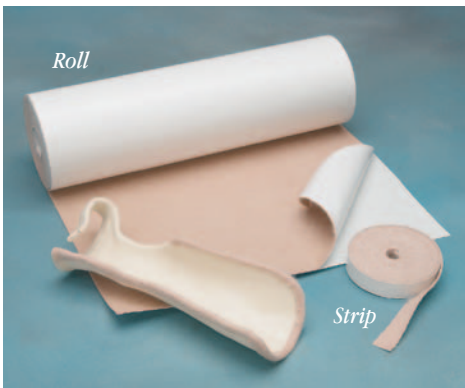
## LUXAFOAM™

*Soft, closed-cell, self-adhesive padding.*

- Made of plasticized PVC with adhesive backing.
- Use to line or pad splints or adaptive equipment.
- Perforated padding stretches to fit splint contours with less effort.
- Clean with a damp sponge and air dry.
- Sheet measures 1/8" x 20" x 40" (3.2mm x 51cm x 1.0m).

NC88552 Smooth

NC88553 Perforated



## EASY-PULL™ MOLESKIN

*Easy-to-remove backing for quick application.*

- Made of thin, flexible 100% napped cotton.
- Use to line splints, fabricate custom finger cuffs, and reduce skin friction against splints.
- Low-tack backing is easy to remove and replace.
- Clean with a damp sponge and air dry.

### Roll

NC12912 12" x 5 yds. (30cm x 4.6m)

### Strip

NC12915 5/8" x 5 yds. (16mm x 4.6m)



## TERRY CUSHION™

*Soft terry cloth wicks moisture away.*

- Made of terry cloth and open-cell foam with adhesive backing.
- Combination of terry cloth fabric and foam offers a comfortable cloth feel and effective padding.
- Provides excellent conformity.
- Use to line or pad splints.
- Clean with a damp sponge and air dry.
- Each sheet measures 1/8" x 19" x 40" (3.2mm x 48cm x 1m).

NC55668



## SOFTSPLINT PADDING™

*Soft, pressure-sensitive padding is easy to apply.*

- Consists of layered cotton and open-cell foam with adhesive backing.
- Combination of cotton and foam offers a comfortable texture and an effective lining.
- Use to line and pad splints or adaptive equipment.
- Clean with a damp sponge and air dry.
- Each sheet measures 1/16" (17mm) thick.

NC12625 6" x 6 yds. (15cm x 5.5m)

NC12626 9" x 4 yds. (23cm x 3.7m)



# SPLINTING: PADDING



## ORTHOPEDIC FELT

*Layered felt helps relieve pressure sores.*

- Consists of wool, rayon and cotton.
- Use to pad splints or casts. Ideal for orthotics.
- Cotton wicks away perspiration, making the felt cool and comfortable to wear.
- Clean with a damp sponge and air dry.
- Sheets measure 21" x 36" (53 x 91cm).

	Thickness
NC12632-02	1/8" (3.2mm)
NC12632-04	1/4" (6.4mm)
NC12632-08	1/2" (13mm)



## FIRM FOAM PADDING

*Ideal for lining small splints.*

- Firm, self-adhesive, closed-cell foam.
- Use to pad splints or to cushion equipment that will be used in or around water.
- Waterproof. Resists odor absorption.
- Will not thin, stretch or break down under long-term compression. Can be applied to splint material before immersing in hot water.
- Wash with mild soap and air dry.
- Each roll measures 3/16" x 5 3/4" x 25' (4.8mm x 15 cm x 7.6m).

NC12620



## NEW SILIPOS® PRESSURE RELIEF PADDING™

*Perfect for cushion and protection in hand splints.*

- Insulates against shock and vibration.
- Conforms to all body contours, effectively eliminating abrasion, shearing and chaffing.
- 1/16" (2mm) thick gel pad with self-adhesive backing.
- Clean with damp sponge and air dry.
- Latex free.

NC83017 4" x 36" (10 x 91cm)

NC83018 8" x 36" (20 x 91cm)



## SPLINTCUSHION™

*Our most popular closed-cell padding.*

- Closed-cell splint padding is soft and self-adhesive.
- Use to pad and line splints or to adapt ADL items.
- Available in **Regular** and **Stretch** for splints that require frequent changes. **Stretch** can be added to thermoplastic material before or after molding.
- Clean with a damp sponge and air dry.
- All sheets measure 18" x 24" (46 x 61 cm).

### Regular

NC12904-1	1/8" (3.2mm)	4 sheets
NC12904-2	1/4" (6.4mm)	3 sheets

### Stretch

NC12904-3	1/8" (3.2mm)	4 sheets
NC12904-4	1/4" (6.4mm)	3 sheets



## SPLINTPAD™

*Save time by padding splints before they are formed.*

- Firm, self-adhesive, closed-cell material.
- Use for lining or padding splints, or modifying ADL equipment.
- Water resistant. Resists absorption of odors, perspiration and bacteria.
- Padding can be applied to any thermoplastic material before immersing in hot water. Padding will not stretch or thin.
- Each package contains four 1/8" x 18" x 24" (3.2mm x 46 cm x 61 cm) sheets.

NC12903 4 Sheets



## ORTHOPEDIC ADHESIVE FELT

*Soft, felt cloth is easy to apply and replace.*

- Made of 78% wool and 22% cotton.
- Ideal for padding splints and casts.
- Natural material wicks away perspiration for cool comfort.
- Adhesive backing is easy to apply, remove and replace.
- Rinse with water. Towel dry to remove excess water, then air dry.
- Rolls measure 6" x 2 1/2 yds. (15 cm x 2.3 m).

	Thickness
NC12633-2	1/8" (3.2mm)
NC12633-3	1/4" (6.4mm)

## HAPLA® ADHESIVE PADDING

*Two choices provide proven, long-lasting, hypoallergenic, fleecy padding.*

**Fleecy Foam™** has a unique composite structure: polyurethane foam bottom layer with the added strength of a soft, needled, polyester fleece upper layer.

- This soft, thin, open-cell foam is highly compressible and has instantaneous recovery that is ideal for cushioning over bony prominences.
- Air, moisture and vapor permeable to minimize skin maceration.
- HAPLA®-quality adhesive provides secure placement to splints or other supportive devices.
- Sold in a package of four sheets.

**Fleecy Web™** is a 100% cotton padding with a raised, fleecy surface. Ideal protection from chafing for sore and tender skin.

- This soft, thin padding is especially useful in confined and restricted areas.
- The transverse stretch helps prevent creasing and allows maximum freedom of movement.
- Highly conformable. Ideal for shaping around fingers, hands, toes, feet and joints.
- Air, moisture and vapor permeable to minimize skin maceration.
- HAPLA®-quality adhesive provides secure placement on splints or other supportive devices.
- Sold in a package of four sheets.

### HAPLA® Fleecy Foam™ Sheets

NC12635 3/16" x 8 7/8" x 17 3/4" (4.8mm x 23cm x 45cm) (4)

### HAPLA® Fleecy Web™ Sheets

NC12634 1/16" x 8 7/8" x 17 3/4" (1.6mm x 23cm x 45cm) (4)



*Use to line splints, orthoses, braces, wheelchairs or other places where excessive pressure can develop.*



## NEW ORTHO GEL™ ADHESIVE PADDING

*Variety of thickness for a range of custom applications.*

- Ortho Gel™ padding can be used wherever maximum protection and comfort is needed.
- Ideal for use under hard thermoplastic splints when extra protection is needed for sensitive areas.
- Ortho Gel™ padding can be used right from the freezer providing both cryotherapy and cushioning.
- Cut with scissors for custom application to hard or soft splints.
- **Variety Pack** includes: one each of 1/8", 1/4" and 3/8" sheet (3.2mm, 6.4mm and 19mm).



### Ortho Gel™ Adhesive Padding

NC12627-1 1/8" x 12" x 12" (3.2mm x 30cm x 30cm)

NC12627-2 1/4" x 12" x 12" (6.4mm x 30cm x 30cm)

NC12627-3 3/8" x 12" x 12" (19mm x 30cm x 30cm)

NC12627-V Variety Pack



*See pages 175 - 177 for full line of educational and instructional products from books to courses.*





Bright colors are ideal for pediatric splinting.



Semi-flexible splints offer support and add functionality.

## COMFORTPRENE™ COLOR SAMPLE KIT #1

- Six sheets measuring 1/8" x 18" x 24" (3.0mm x 46cm x 61cm): Beige, Red, Blue, Purple, Black and Perforated Blue.

NC68015 Set of 6

## COMFORTPRENE™ PERFORATED SAMPLE KIT #2

- Three perforated sheets measuring 1/16" x 18" x 24" (1.6mm x 46cm x 61cm): Beige, Blue and Black.
- One Blue perforated sheet measuring 1/8" x 18" x 24" (3.0mm x 46cm x 61cm).

NC68016 Set of 4

## COMFORTPRENE™ THICKNESS SAMPLE KIT #3

- One Beige sheet measuring 1/8" x 18" x 24" (3.0mm x 46cm x 61cm).
- Two Beige sheets measuring 1/16" x 18" x 24" (1.6mm x 46cm x 61cm). (one terry lining, one unbroken loop lining).

NC68017 Set of 3

## Versatile Comfortprene™ – The cost-effective way to fabricate custom, semi-flexible splints.

### COMFORTPRENE™ SPLINTING MATERIAL

*Offers creative splinting options while providing warmth, compression, cushioning and comfort.*

Comfortprene™ is a special selection of neoprene designed to meet the varying needs of clients. Cut out a splint pattern and make a flexible splint in a matter of minutes. No need for sewing or special machines. Iron-On Seam Tape and Iron-on Hook and Loop (page 37) join pieces together and allow for quick fastening. Benefits of Comfortprene™ are:

- Flexible support that conforms to fingers and body contours.
- Light to resistive support depending on the thickness of the material and the size of the area being splinted.
- Light to firm compression.
- Built-in cushioning to reduce pressure point complications.
- Minimal to moderate warmth.
- Lighter weight and less expensive than thermoplastic materials of comparable size.
- Latex-free and machine-washable, air-dry material.
- Common thicknesses for clinical applications:
  - 1/8" (3.0mm) for wrist, elbow and lower extremity splints.
  - 1/16" (1.6mm) for hand and finger splints.

The **terry-like plush liner** feels soft and dry against the skin. The smooth, **nylon liner** allows for easy donning and doffing and iron-on tape application. The **unbroken loop liner** has a soft, fuzzy feel and is most effective for quick hook strap attachment.

18" x 24" (46cm x 61cm)	Sheet	Nylon	Lining
NC68000	1/8" (3.0mm)	Solid	Beige Terry-like plush
NC68001	1/8" (3.0mm)	Solid	Red Terry-like plush
NC68002	1/8" (3.0mm)	Solid	Blue Terry-like plush
NC68003	1/8" (3.0mm)	Solid	Purple Terry-like plush
NC68004	1/8" (3.0mm)	Solid	Black Terry-like plush
NC68005	1/8" (3.0mm)	Perforated	Blue Nylon
NC68006	1/16" (1.6mm)	Perforated	Beige Terry-like plush
NC68007	1/16" (1.6mm)	Perforated	Blue Terry-like plush
NC68008	1/16" (1.6mm)	Perforated	Black Terry-like plush
NC15768	1/16" (1.6mm)	Solid	Beige Unbroken loop

### Comfortprene™ unbroken loop strapping

- Makes sturdy straps for splint devices. Conforms and stretches for comfortable securement.
- Loop exterior on both sides attaches quickly to most fasteners.

NC68010 1/8" x 2" x 10' (3.0mm x 5.1cm x 3.0m) Black

### SPLINTING WITH NEOPRENE

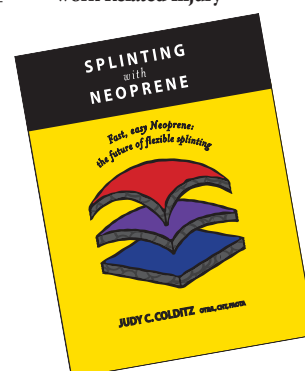
*Learn the "ins" and "outs" of creating custom splints with neoprene sheet material.*

- Booklet describes the unique makeup and characteristics of neoprene material as it applies to splint use.
- Explains construction tips, materials needed, pattern making, cutting and gluing techniques and sewing options. Features comprehensive charts, drawings and photos.
- Covers the considerations necessary for constructing a neoprene splint such as thickness, stretch, padding and fabric coverings.
- Also discusses wear and cleaning issues.
- Written by Judy C. Colditz, OTR/L, CHT, FAOTA.

NC68020

Comfortprene™ splints are ideal for:

- Arthritis
- Brachial Plexus Injury
- Carpal Tunnel Syndrome
- Cerebral Palsy
- de Quervain's
- Peripheral Nerve Injury
- Sports Injury
- Tendinitis
- Traumatic Brain Injury
- Work-Related Injury





## HANDY IRON AND IRON MAT

*Small, narrow iron is perfect for applying iron-on tapes and fasteners.*

### Handy Iron

- Low-profile, trowel-shaped iron is ideal for sealing narrow seam tape and fasteners to neoprene.
- Heats from 150° F to 390° F (66° to 199° C), in 90 seconds. Blinking light alerts when ready. Temperature dial is on the handle for easy reference.
- Includes a sock cover and a sturdy metal stand for safe storage.
- Uses standard 120 volt wall outlet.
- Total length of the iron measures 14" (36cm).

### Iron Mat

- Protects surfaces while ironing. Sewn-in vapor barrier prevents steam damage to tabletops.
- Insulated mat measures 22" x 30" (56 x 76cm). Folds for easy storage.

NC79615 Handy Iron

NC79618 Iron Mat



## FISKARS® ROTARY CUTTERS AND CUTTING MAT

*Rolling action cuts clean, straight edges.*

### Fiskars® Rotary Cutters

- Contoured loop handle fits comfortably in the left or right hand.
- Blade retracts for safe storage.
- 1.8" (4.6cm) rotary blade.

### Fiskars® Cutting Mat

- The self-sealing mat protects tabletops when cutting with mat knives or rotary cutters.
- Use the inch-spaced grid lines to align patterns.
- Clean with warm water and mild soap.
- Measures 18" x 24" (30cm x 61cm).

### Rotary Cutters Blade Diameter

NC28397 1.8" (4.6cm)

### Cutting Mat

NC79630



## IRON-ON™ SEAM TAPE

*Make a splint in minutes without any sewing.*

- Made of nylon knit with heat-activated glue coating.
- Ideal for fusing two pieces of neoprene together or reinforcing a sewn or glued seam.
- Adheres in minutes.
- To bond, place tape over the butted seam and heat with an iron. Use tape on both sides of the seam for the strongest bond.
- Measures 3/4" x 5 yds. (19mm x 4.6m).

NC79600 Black

NC79602 Beige

NC79604 Red

NC79605 Blue

## IRON-ON™ HOOK AND LOOP

*Apply fasteners to splints without sewing.*

- Made of Velcro® hook and loop material with a heat-activated glue coating.
- Easy to attach. Add fasteners and straps where needed using a heat gun or iron. Glues in minutes. Adheres firmly after 15 minutes.
- Measures 1" x 5 yds. (2.5cm x 4.5m).

### Iron-On Hook (Black)

NC79700

### Iron-On Loop (Black)

NC79702

## DISAPPEARING INK PEN

*Pattern lines disappear.*

- This special pen consists of two markers, a blue Mark-B-Gone™ ink on one end and purple disappearing ink on the other.
- The blue ink is removed by rubbing marks gently with damp cloth. The purple ink is air and water soluble. Ink marks disappear in 48 to 72 hours.

NC79622



## MIRAZYME™

*Effectively eliminates odors in neoprene splints.*

- Unique liquid penetrates into the pores of rubber neoprene material to help eliminate odors. Helps clean and extend the wear of neoprene splints.
- Hypoallergenic and 100% biodegradable.
- Mix a small amount in water and saturate the splint inside and out. No need to rinse.
- Bottle contains 2 fl. oz. (59ml).

NC79620



## NEOLOOP™ STRAPS

*Our most durable strapping material.*

- Made of dense Neoloop™ material (shown below).
- Attach to positioning devices or orthotic braces for long term use.
- Velcro® pile covering adheres to hook fasteners for quick strap application.
- Hand wash and air dry.

### 10' (3.0m) long rolls

NC15759 1/8" x 1" (3.0mm x 2.5cm)

NC15760 1/8" x 2" (3.0mm x 5.1cm)

NC79610 1/16" x 1" (1.6mm x 2.5cm)

NC79611 1/16" x 2" (1.6mm x 5.1cm)



## NEOLOOP™ MATERIAL

*Ideal for fabricating stiffer custom positioning splints, devices or padded handles.*

- Neoloop™ is less stretchy than Comfortprene™ (page 36). Features plush Velcro® pile on one side and nylon lining on the other.
- Use hook strap to secure Neoloop™ around a body part, device or handle.
- Available in strips, half sheets and full sheets.
- Hand wash and air dry.

NC15757 1/8" x 6" x 38" (3.0mm x 15cm x 97cm)

NC15758 1/8" x 12" x 18" (3.0mm x 31cm x 46cm)

NC15768 1/16" x 18" x 24" (1.6mm x 46cm x 61cm)

NC15769 1/8" x 18" x 24" (3.0mm x 46cm x 61cm)

## SEAL CEMENT™

*Strengthen seams by gluing neoprene edges together.*

- Bonds edges of neoprene. Use Iron-On Seam Tape (above center) over glued seam for additional reinforcement.
- Glue dries clear, leaving no unsightly residue.
- Sold in a 4 fl. oz. (118ml) can with brush applicator.
- Air shipment handling fee. Call for details.

NC79623





# SPLINTING: HOOK AND LOOP



## VELCRO® SPLINTABS™ HOOK

*Convenient precut tabs save time when applying strapping materials.*

- Clear nylon SplinTabs™ blend with colored materials and may be repositioned as needed.
- Adhesive backed tabs form a permanent bond in 24 hours.
- Will not attract lint or catch on clothing.
- Prevents adhesive buildup on scissors.
- Packaged in a handy dispenser box.
- **Extra Sticky SplinTabs™** also are available. These tabs form an immediate, permanent bond.

### Velcro® SplinTabs™ Hook

NC12650	1" x 2½" (2.5 x 6.4cm)	120 tabs
NC12650-1	¾" x 1¾" (19mm x 4.4cm)	180 tabs

### Extra Sticky SplinTabs™

NC12655	1" x 2½" (2.5 x 6.4cm)	120 tabs
NC12655-1	¾" x 1¾" (19mm x 4.4cm)	180 tabs



## VELCRO® LOW PROFILE STICKY BACK HOOK

*Unique design reduces irritating snags.*

- Made of nylon.
- Clear, adhesive-back hook blends with any color splinting material.
- Fastens securely to loop material.
- Will not attract lint or catch on clothing.
- Works best with short pile loop material.

### 1" (2.5cm) width

NC12084-210 10 yds. (9.1m)

NC12084-225 25 yds. (23m)

### 2" (5.1cm) width

NC12088-210 10 yds. (9.1m)

NC12088-225 25 yds. (23m)



## SABRE GRIP HOOK AND FRENCH LOOP

*Thin loop material grips strong hook material.*

- **Sabre Grip Hook** is made of special mushroom-shaped studs with adhesive backing.
- Soft, thin **French Loop** is made of a slightly stretchy material.
- Hook and loop are designed to work together to provide a very secure, locked bond.

### French Loop 1" (2.5cm)

NC12454-125 White 25 yds. (23m)

### French Loop 2" (5.1cm)

NC12458-125 White 25 yds. (23m)

### Sabre Grip Hook 1" (2.5cm)

NC12484-125 White 25 yds. (23m)



## EASYSTRAP™ HOOK/LOOP

*Strap adheres to itself without requiring additional materials.*

- Made of Velcro® hook and loop that is permanently bonded back-to-back.
- Strap closes securely, yet pulls apart easily for donning and doffing.

10 yds. (9.1m)

### Width

NC37594-110 ⅝" (16mm)

NC37596-110 1" (2.5cm)

NC37598-110 2" (5.1cm)

25 yds. (23m)

### Width

NC37594-125 ⅝" (16mm)

NC37596-125 1" (2.5cm)

NC37598-125 2" (5.1cm)



## VELCRO® MVH® HOOK

*Our most durable hook material.*

- Made of molded plastic hook material with adhesive backing.
- Provides long-term, secure fastening.
- Mates with any loop material. Works best with 1" (2.5cm) Heavy Duty Velfoam® Loop (NC12194-312) sold on page 40.

NC12164-325 1" x 25 yds. (2.5cm x 23m)



## VELCRO® EXTRA-THIN LOOP

*Excellent for strapping fingers.*

- Soft, nylon loop material measures 1/2" (13mm) wide. Autoclavable.
- Use on finger splints and for pediatric applications.
- Mates with standard hook material.
- Latex free.



NC37525-10 1/2" x 10 yds. (13mm x 9.1m)



## VELCRO® SUPER STRETCHY LOOP

*Soft, comfortable loop stretches to fit splints.*

- Knitted loop material reduces the chance of skin irritation.
- Stretches up to 190% of its original length.
- Light resistance to stretch. Useful for holding splints in place.
- Latex-free.

### 1" (2.5cm) Width

NC37524-110 10 yds. (9.1m)

NC37524-125 25 yds. (23m)

### 2" (5.1cm) Width

NC37528-110 10 yds. (9.1m)

NC37528-125 25 yds. (23m)



## VELCRO® STRETCH LOOP

*Elastic loop provides even tension.*

- Nylon and rubber loop with soft edges.
- Moderate resistance to stretch works well for securing splints and equipment.
- Provides a snug fit and secure closure.
- Mates with all Velcro®-type hook strapping.
- Latex free.

### 5/8" (16mm) Width

NC12149-310 Beige 10 yds. (9.1m)

### 1" (2.5cm) Width

NC12144-110 White 10 yds. (9.1m)

NC12144-125 White 25 yds. (23m)

NC12144-310 Beige 10 yds. (9.1m)

NC12144-325 Beige 25 yds. (23m)

### 2" (5.1cm) Width

NC12148-110 White 10 yds. (9.1m)

NC12148-125 White 25 yds. (23m)

NC12148-310 Beige 10 yds. (9.1m)

NC12148-325 Beige 25 yds. (23m)



## HOOK & LOOP KIT

*Convenient kit saves time and money.*

Ideal for a multipurpose clinic, this kit includes the basic strapping materials needed for occasional hand splinting. The kit contains:

- Velcro® Loop: 1" x 10 yds. (2.5cm x 9.1m). Beige.
- Velcro® Loop: 2" x 10 yds. (5.1cm x 9.1m). Beige.
- Velcro® Sticky Back® Hook: 1" x 10 yds. (2.5cm x 9.1m). Beige.
- CushionStrap™: 2" x 10 yds. (5.1cm x 9.1m). Beige.
- Cotton Stockinette: 2" x 25 yds. (5.1cm x 23m).
- EasyPull™ Adhesive Moleskin: 5/8" x 5 yds. (16mm x 4.6m).
- Packaged in convenient dispenser boxes.

NC37520



## DISPENSER SYSTEM

*Available at no charge with any hook and loop material order.*

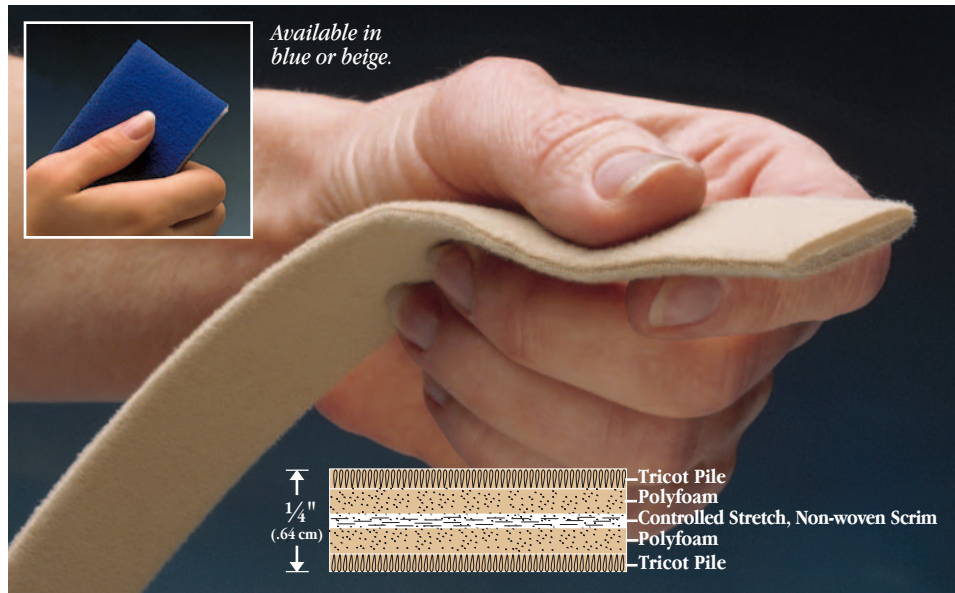
- Special storage boxes are made of heavy duty cardboard.
- Allows for a convenient and organized work area.
- Creates easier access to strapping materials.
- Available in two sizes for holding small and large rolls of hook and loop material.

NC84000-10 10 yd. (9.1m) box 5 1/2" wide x 8 1/2" x 7 3/4" (14 x 22 x 20cm)

NC84000-25 25 yd. (23m) box 5 3/4" wide x 12 1/2" x 12" (15 x 32 x 30cm)

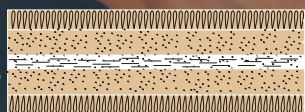


# SPLINTING: HOOK AND LOOP



Available in  
blue or beige.

1/4"  
(.64 cm)



Tricot Pile  
Polyfoam  
Controlled Stretch, Non-woven Scrim  
Polyfoam  
Tricot Pile

## ALPHASTRAP® LOOP

*Double-sided loop provides soft, cushioned support to secure splints in place.*

- Made of a five-layered, laminate material with controlled, limited stretch for comfort and secure placement.
- Outer layers are tricot pile loop for quick mating with most hook materials.
- Edges self-seal when cut. Padding adds comfort and pressure distribution.
- Hand wash and air dry.

Beige	Blue		
NC12321	NC12324	1" x 60'	(2.5cm x 18m)
NC12322	NC12325	1 1/2" x 40'	(3.8cm x 12m)
NC12323	NC12326	2" x 30'	(5.1cm x 9.1m)



## VELFOAM® 2 LOOP

*Versatile, padded loop is available in a variety of colors and sizes.*

- Consists of 1/4" (6.4mm) thick polyfoam glued between outer layers of nylon tricot loop on both sides.
- The 1" and 2" (2.5 and 5.1cm) wide materials are recommended for upper extremity splints.
- The 2" (5.1cm) wide material may be used when fabricating slings and splints.
- The 6" (15cm) wide material is recommended for making large splints and positioning devices.

Beige	Blue	White	10 yds. (9.1m)
NC12194	NC12195	NC12191	1" (2.5cm)
NC12193	NC12196	NC12190	2" (5.1cm)

Beige	5 yds. (4.6m)
NC12192	6" (15cm)

## HEAVY DUTY VELFOAM® LOOP

*High-profile, heavy-duty loop provides long-lasting use.*

- Thick, durable K-Loop with soft, breathable, 1/4" (6.4mm) thick foam backing lined with soft tricot.
- Padded foam provides cushion and comfort through better pressure distribution.
- Use with Velcro® MVH® Hook (NC12164-325), sold on page 38, for maximum effectiveness.

NC12194-312	1" x 10 yds. (2.5cm x 9.1m)
NC12198-312	2" x 10 yds. (5.1cm x 9.1m)



## TUFFSTRAP™ LOOP

*Heavy-duty, double-sided loop strap is reinforced for durability.*

- Made of woven and knit nylon.
- Loop on both sides of the strap allows for easy application.
- Sewn-edge binding adds reinforcement. Ideal for long-term use and for positioning devices.
- Machine or hand washable.

NC36211-2 2" x 15 yds. (5.1cm x 14m)

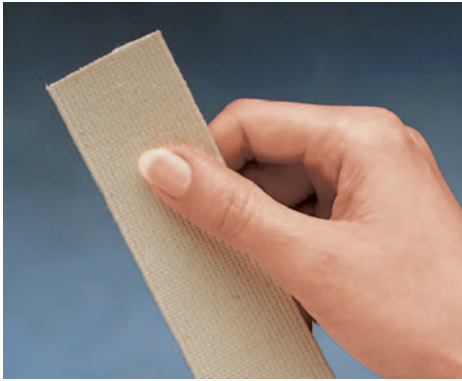


## DUALSTRAP™ LOOP

*Durable strap features a thin foam core with Velcro® loop on both sides.*

- Same construction as CushionStrap™ Loop (page 41) with Velcro™ loop on both sides.
- Withstands repeated application of hook fasteners.
- Double the wear by fastening on either side of the strap. Beige on one side, white on the other.
- Hand wash and air dry.

NC12014-210	1" x 10 yds. (2.5cm x 9.1m)
NC12014-220	1" x 20 yds. (2.5cm x 18m)
NC12018-210	2" x 10 yds. (5.1cm x 9.1m)
NC12018-220	2" x 20 yds. (5.1cm x 18m)



## WEBBING

*All-purpose webbing provides versatility for splint or equipment modification.*

- Woven webbing offers excellent strength and durability for adaptive equipment, splints and prosthetics.
- Webbing may be sewn or riveted for attachment to splints or clothing.
- Hand or machine wash.

### White Heavy Polyester

NC12154-125	1" x 25 yds. (2.5cm x 23m)
NC12154-150	1" x 50 yds. (2.5cm x 46m)
NC12158-125	2" x 25 yds. (5.1cm x 23m)
NC12158-150	2" x 50 yds. (5.1cm x 46m)

### Natural Heavy Cotton

NC12159-1	1" x 50 yds. (2.5cm x 46m)
NC12159-9	1½" x 50 yds. (3.8cm x 46m)
NC12159-2	2" x 50 yds. (5.1cm x 46m)



## CUSHIONSTRAP™ LOOP

*Our most popular strapping material.*

- Foam pad laminated with Velcro® loop on one side and smooth nylon on the other side.
- Provides padded comfort in a long-lasting strap.
- Smooth nylon feels comfortable against the skin. Resists tearing.
- Hand wash and air dry.

### White

NC12211-110	1" x 10 yds. (2.5cm x 9.1m)
NC12211-120	1" x 20 yds. (2.5cm x 18m)
NC12218-110	2" x 10 yds. (5.1cm x 9.1m)
NC12218-120	2" x 20 yds. (5.1cm x 18m)

### Beige

NC12211-310	1" x 10 yds. (2.5cm x 9.1m)
NC12211-320	1" x 20 yds. (2.5cm x 18m)
NC12218-310	2" x 10 yds. (5.1cm x 9.1m)
NC12218-320	2" x 20 yds. (5.1cm x 18m)



## VELCRO® SELF-ADHESIVE D-RING STRAPS

- D-ring and padded nylon Velcro® hook and loop.
- A 2" (5.1cm) adhesive section hook end piece secures strap in place.

### White Pkg. of 10

NC15280	1" x 12" (2.5 x 30cm)
NC15281	1" x 15" (2.5 x 38cm)
NC15282	1" x 18" (2.5 x 46cm)
NC15283	2" x 12" (5.1 x 30cm)
NC15284	2" x 15" (5.1 x 38cm)
NC15285	2" x 18" (5.1 x 46cm)

### Beige Pkg. of 10

NC15286	1" x 12" (2.5 x 30cm)
NC15287	1" x 15" (2.5 x 38cm)
NC15288	1" x 18" (2.5 x 46cm)
NC15289	2" x 12" (5.1 x 30cm)
NC15290	2" x 15" (5.1 x 38cm)
NC15291	2" x 18" (5.1 x 46cm)



## VELCRO® SPLINTSTRAP™

*Convenient, pre-made adhesive straps save time.*

- Consists of 10" (25cm) of Velcro® loop bonded to 4" (10cm) of pressure-sensitive adhesive hook.
- Total strap length measures 14" (36cm).
- Convenient for use in a clinic setting. Can be attached to splints quickly.
- Clean with mild soap and water.

### Pkg. of 10 1" (2.5cm) Width

NC15261	White
NC15263	Beige
NC15265	Blue

### Pkg. of 10 2" (5.1cm) Width

NC15262	White
NC15264	Beige
NC15266	Blue



## VELFOAM® 2 SPLINTSTRAP™

- Strap made of polyfoam laminated between layers of tricot loop. Pressure-sensitive, adhesive hook.
- Use where thick cushioning is required. Ideal for strapping edematous limbs.
- Straps measure 14" (36cm) long with 2" x 10" (5.1 x 25cm) of padded loop and 1" x 4" (2.5 x 10cm) of pressure-sensitive hook.
- Hand wash and air dry.

### Beige Pkg. of 10

NC15275	
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# SPLINTING: HOOK AND LOOP



## 1/2" HOOK AND LOOP STRAP

- Strap is made of 1/2" (13mm) wide Velcro® hook and loop. Consists of a 2" (5.1cm) long hook strap fused with 4 1/2" (11cm) long loop.
- Use with Small D-Rings (NC12389), shown below.
- Ideal for use on finger splints and for pediatric applications.

NC15270 (10)



## ALPHA SPLINTSTRAPS™

- Five-layered laminate loop strap with pressure-sensitive, 3" (7.6cm) adhesive Velcro® hook.
- Straps measure 14" (36cm) long. Ideal for use on all upper extremity splints.
- Hand wash and air dry.

Beige (10)	Width
NC15276	1" (2.5cm)
NC15277	2" (5.1cm)
Blue (10)	Width
NC15278	1" (2.5cm)
NC15279	2" (5.1cm)



## VELCRO® D-RING STRAPS

- Made of Velcro® hook and loop strap with a plastic D-ring at one end.
- D-ring allows for adjustable tension to secure splints. Great for independent donning and doffing of splints.
- Hand wash and air dry.

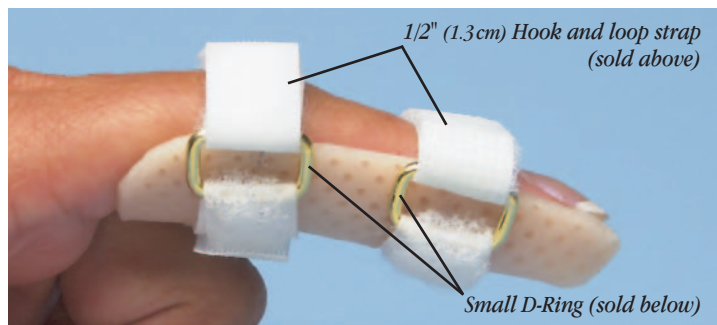
1" (2.5cm) White (10)	
NC12101-110	10" (25cm)
NC12101-112	12" (31cm)
NC12101-114	14" (36cm)
NC12101-118	18" (46cm)
1" (2.5cm) Beige (10)	
NC12101-312	12" (31cm)
NC12101-314	14" (36cm)



## VELCRO® SELF-ADHESIVE D-RING CUSHIONSTRAP™

- Made of CushionStrap™ loop material with 4" (10cm) hook end piece.
- Sturdy, comfortably padded straps do not stretch and have adhesive backing.
- D-Ring design for quick, convenient, secure attachment.
- Hand wash and air dry.

Beige (10)	
NC16020	1" x 12" (2.5 x 30cm)
NC16021	1" x 15" (2.5 x 38cm)
NC16022	1" x 18" (2.5 x 46cm)
NC16023	2" x 12" (5.1 x 30cm)
NC16024	2" x 15" (5.1 x 38cm)
NC16025	2" x 18" (5.1 x 46cm)



## SMALL D-RINGS

- Thin-gauge metal D-rings are ideal for making small straps for fingers and pediatric splints.
- Works well with 1/2" Hook and Loop Strap (NC15270), shown above.
- Outside dimensions are 3/8" x 1 1/16" (9.5 x 17mm) with a 1/2" (13mm) inside width.

NC12389 (25)



## BIG D-RINGS

- Made of indestructible nylon plastic 1" (2.5cm) inner width.
- Large size lets the thumb slide in and out easily.
- 1 1/4" x 1 1/8" (3.2 x 2.9cm).

NC12380 (25)



## NYLON D-RINGS

- Three inner widths: 1", 1 1/2" and 2" (2.5, 3.8 and 5.1cm).

NC12381	1" (2.5cm)	(25)
NC12382	1 1/2" (3.8cm)	(25)
NC12383	2" (5.1cm)	(25)



## METAL D-RINGS

- Three inside-opening widths: 1/2", 1", and 2" (13mm, 2.5cm and 5.1cm).

NC12388	1/2" (13mm)	(50)
NC12384	1" (2.5cm)	(50)
NC12386	2" (5.1cm)	(50)



## NEW VELCRO® RAPID STRAP™ KIT

The all-inclusive kit contains everything needed to customize straps.

- A multi-purpose strap kit featuring two Velcro® brand double-faced loop strapping and a variety of accessories to create a custom strap fit for your needs.
- No sewing required, each kit contains everything needed to create a strap in seconds.
- Each kit includes:
  - (1) 5yd. (4.6m) roll double-faced loop strapping.
  - (1) 5yd. (4.6m) roll padded double-faced loop strapping.
  - (10) D-ring fasteners.
  - (10) Strap hook tips

NC12060-1	1" (2.5cm) kit
NC12060-2	2" (5.1cm) kit



## Genuine Velcro® hook and loop at reasonable prices.

### VELCRO® EXTRA-STICKY BACK

#### HOOK AND LOOP

*Excellent for use on casts, splints and hard-to-stick-to surfaces.*

- This is the same nylon hook and loop as described below but with a fast-acting, strong adhesive.
- Sets up the moment it touches the surface and cannot be removed after a few minutes.
- Use when regular sticky back hook and loop does not hold.

#### Velcro® Extra Sticky Back Hook 1" (2.5cm)

NC12084-B125 White 25 yds.

#### Velcro® Extra Sticky Back Loop 1" (2.5cm)

NC12094-B125 White 25 yds.

### VELCRO® STICKY BACK® HOOK AND LOOP

- Made of nylon hook and loop material with self-adhesive backing.
- Sticky Back® adhesive backing is not autoclavable.
- Readily adheres to dry, clean surfaces. Increase bonding strength by softening the adhesive with a heat gun.
- Not recommended for use with flexible vinyls.
- Can be removed easily without sticky residue.

#### Velcro® Sticky Back® Hook 1" (2.5cm)

NC12084-110 White 10 yds.

NC12084-310 Beige 10 yds.

NC12084-125 White 25 yds.

NC12084-325 Beige 25 yds.

NC12084-525 Black 25 yds.

NC12084-150 White 50 yds.

#### Velcro® Sticky Back® Hook 2" (5.1cm)

NC12088-110 White 10 yds.

NC12088-310 Beige 10 yds.

NC12088-125 White 25 yds.

NC12088-325 Beige 25 yds.

NC12088-525 Black 25 yds.

NC12088-150 White 50 yds.

#### Velcro® Sticky Back® Loop 1" (2.5cm)

NC12094-110 White 10 yds.

NC12094-310 Beige 10 yds.

NC12094-125 White 25 yds.

NC12094-325 Beige 25 yds.

NC12094-150 White 50 yds.

#### Velcro® Sticky Back® Loop 2" (5.1cm)

NC12098-110 White 10 yds.

NC12098-310 Beige 10 yds.

NC12098-125 White 25 yds.

NC12098-325 Beige 25 yds.

NC12098-525 Black 25 yds.

NC12098-150 White 50 yds.

*Packaged in convenient dispenser boxes.*

### VELCRO® HOOK AND LOOP

- Made of autoclavable nylon for durability and ease of use.
- Loop is available in white, beige, black and in a selection of bright colors that are perfect for pediatric splints.
- Hook is available in white, black and beige.

#### Velcro® Hook 1" (2.5cm)

NC12044-125 White 25 yds.

NC12044-325 Beige 25 yds.

NC12044-525 Black 25 yds.

NC12044-150 White 50 yds.

#### Velcro® Hook 2" (5.1cm)

NC12048-125 White 25 yds.

NC12048-325 Beige 25 yds.

NC12048-150 White 50 yds.

#### Velcro® Loop 1" (2.5cm)

NC12054-125 White 25 yds.

NC12054-325 Beige 25 yds.

NC12054-425 Navy 25 yds.

NC12054-525 Black 25 yds.

NC12054-625 Hot Pink 25 yds.

NC12054-725 Royal Blue 25 yds.

NC12054-825 Red 25 yds.

NC12054-025 Green 25 yds.

NC12054-557 Purple 25 yds.

NC12054-150 White 50 yds.

NC12054-350 Beige 50 yds.

#### Velcro® Loop 1½" (3.8cm)

NC12056-125 White 25 yds.

NC12056-325 Beige 25 yds.

NC12056-150 White 50 yds.

#### Velcro® Loop 2" (5.1cm)

NC12058-125 White 25 yds.

NC12058-325 Beige 25 yds.

NC12058-425 Navy 25 yds.

NC12058-525 Black 25 yds.

NC12058-150 White 50 yds.

NC12058-350 Beige 50 yds.

*Packaged in convenient dispenser boxes.*



*Organize individual dispenser boxes with the Dispenser System. For details, see Page 39.*

#### Metric Conversion

10 yds. = 9.1m    25 yds. = 23m    50 yds. = 46m



*Heats up in one hour.*



**Splint-Form™ 1000**



*Removable Liner*



**Splint-Form™ 1000  
on Splint-Form™ Cart**

## SPLINT-FORM™ HEATING PANS

*Conveniently sized pan is ideal for use in clinical and institutional settings.*

- **Splint-Form™ 1000** Heating Pan warms up quickly and maintains water temperature between 90° to 190°F (32° to 88°C). Heating elements remain operable even if water evaporates completely.
- Includes a 6" (15 cm) deep, perforated stainless steel insert pan.
- Includes a one-year warranty, a three-pronged plug, operates at 120 volts and is UL and CSA approved.
- Features a single, 700 watt heating element. Inside dimensions with insert are 20" x 12" x 6" (51 x 30 x 15 cm). Outside dimensions are 21½" x 13½" x 9" (55 x 34 x 23 cm). Lid is included.
- Jack Rabbit Hand Pump (NC15489) on page 45 recommended for draining.
- A **Splint-Form™ Cart** with a storage shelf is available (NC15510, shown left). This sturdy cart resists nicks and dents. Measures 30" x 16" x 32½" (76 x 41 x 83 cm).
- Call for information about replacement parts.

NC14600	<b>Splint-Form™ 1000</b>
NC15510	<b>Splint-Form™ Cart</b>
NC15497-RL	<b>Replacement Lid</b>
NC15497-6	<b>Replacement Insert Pan</b>

*Open only one side of the cover when heating small sheets of thermoplastics to help maintain a constant water temperature.*

*Hinged, insulated cover decreases condensation.*



**Model 1501**



**Model 1502**

## FORMA-SPLINT™ THERMAL BATHS

*Two convenient sizes for a variety of applications*

- Both Model 1501 and Model 1502 splint feature a digital thermometer on the control panel. Hinged, insulated cover. Stainless steel tank is trimmed in tough black polycarbonate. All-brass drain system. Grounded hospital-grade plug and a high heat safety switch. Forma-Splint™ units are UL listed, C-UL listed, CE conforming and are warranted for one year against defective parts or manufacturing.
- **Model 1501** features a dual thermostat that is factory set at 175°F (high) and 160°F (low). Settings may be readjusted. Operating temperature is reached in only 90 minutes with 3" (7.6 cm) of cold water—even faster with less. This full size thermal bath with spacious stainless steel splint pan accommodates splinting sheets up to 24" x 18" (61 x 46 cm). Tank interior is constructed of stainless steel, which heats evenly and resists corrosion.
- The hinged and insulated stainless steel lid is functionally designed to open completely or one side only, with just one hand. The split lid helps decrease condensation and maintain constant water temperature. This design is ideal for hand splints, allowing access to half the pan.
- Dual thermostatic controls can be adjusted individually to conform to particular requirements. Dual independent heating elements for both settings provide quick warm up and automatically convert to a more efficient circuit once the working temperature is reached.
- **Model 1501** specifications: Overall measurements are 28½" x 21" x 7" (72 x 53 x 18 cm). Inside dimensions are 24½" x 18½" x 5" (62 x 47 x 13 cm). Weight: 46 lbs. (21 kg). 120 volts.
- **Model 1502's** compact design makes it universally ideal for clinical use, accommodating splinting sheets up to 19" x 11" (48 x 28 cm). The variable thermostat maintains water at a controlled temperature between 150°F and 190°F (66° and 88°C).
- **Model 1502** specifications: Overall measurements are 23½" x 14¼" x 7" (50 x 36 x 18 cm). Inside dimensions are 19½" x 11⅞" x 4½" (50 x 30 x 11 cm). Weight: 27 lbs. (12 kg).
- When placing an order for 220/240 volt models, please specify the cord and plug configuration.

120 volts		220/240 volts (specify cord/plug)	
NC15499	<b>Model 1501</b>	NC15499-240	<b>Model 1501</b>
NC15498	<b>Model 1502</b>	NC15498-240	<b>Model 1502</b>



## SMALL HEATING PAN

*Ideal for fabricating band splints.*

- Nonstick heating surface.
- Portable design for use in different clinic locations. Includes a convenient aluminum lid with handle.
- Heavy-gauge aluminum construction provides even heat distribution.
- Available with a two-pronged plug. UL approved, 1300 watts and 120 volts.
- Pan measures 16" x 12" x 2 1/2" (41 x 30 x 6.4 cm).

NC15502



## JACK RABBIT HAND PUMP

*Empty splint pans safely without spills.*

- Empty water from heating pans, such as the Splint-Form™ 1000 (NC14600) sold on page 44.
- Simply attach the two included 5' (1.5 m) hoses and turn the handle.
- Pump is self-priming and will void itself of air after a few turns.
- Turn the handle backward to begin siphoning.

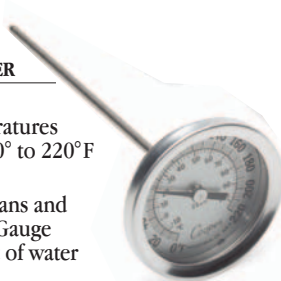
NC15489

## DIAL THERMOMETER

*Easy to read.*

- Measures temperatures that range from 0° to 220°F (-18° to 104°C).
- Use with splint pans and Hydrocollators®. Gauge must be kept out of water for effective use.
- Measures 7" (13 cm) long.

NC70112



Locking cabinet

## MOBILE ORTHOTIC WORK BENCH

*This compact workstation has space for splint fabrication and storage of supplies.*

- Adds mobility and convenience to your splinting and orthotic fabrication.
- This quality-made work bench has a comfortable countertop and offers generous storage space for supplies.
- Features a durable, gray laminate finish on all surfaces with 3 mm, PVC edges.
- The countertop is large enough to hold standard splint pans such as the Splint-Form™ or Forma-Splint™ (not included, see page 44), with ample working space for splint fabrication.
- Locking cabinet is ideal for storing 18" x 24" (46 x 61 cm) sheets of splinting material.
- High-impact polystyrene drawer with rounded inside corners and polystyrene glides to accommodate splinting accessories.
- The 4" (10 cm) diameter, heavy-duty, twin wheel casters swivel and can be locked in place for safety.
- The cart measures 44" x 24 1/4" x 39" (112 x 62 x 99 cm) and weighs 200 lbs. (91 kg).
- Fully assembled.
- Shipping discounts do not apply.

NC76290



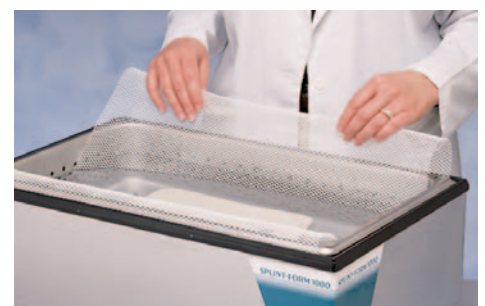
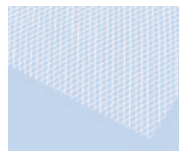
Generous space for supplies.

## SPLINT PAN NETTING

*Ideal for safely removing thermoplastics from warm water.*

- Nonstick, coated netting prevents thermoplastics from sticking to splint pans.
- Sold in single sheets measuring 20" x 30" (51 x 76 cm).
- Can be cut to fit the inside measurement of most splint pans.

NC12800







## HEAT GUN

*Convenient heat gun is quiet and lightweight.*

- Designed for use with all types of thermoplastic materials.
- Heating element is rated to 650°F (343°C) and uses only 4.5 amps. An upgrade element that increases temperature range to 800°F (427°C) also is available.
- Two voltage levels available. The 120 volt model has a three-pronged plug. The 220 volt international model requires plug adaptation.
- Pinpoint nozzle sold separately.
- Includes bench stand for hands-free use.
- Asbestos free.
- One year warranty.

NC12716 120 Volt Heat Gun  
NC11447 220 Volt Heat Gun  
NC12717 Pinpoint Nozzle

## 650° F Replacement Heating Element

NC12716-2

## 800° F Upgrade Heating Element

NC12716-3



## PRECISION POINT HEAT GUN

*Outstanding performance in a small package.*

- Spot heat thermoplastics for added stickiness/bonding effect. Ideal for finishing edges and smoothing surfaces.
- Fits in the hand comfortably.
- Convenient stand safely positions heat gun on work surface.
- Heating element is rated to 650°F (343°C).
- Power: 360 watts/1225 BTUs.
- Two-year warranty.

NC11446



## NEW DIGITAL TIMER

*Save energy and water usage with this multifunction timer.*

- Programming options include all days, weekday, weekend, any day or combination of days and random & daylight savings time.
- Can be programed to turn on and off up to 50 times per day.
- Timer settings at a glance.
- Replaceable battery keeps time during temporary power outages.
- Automatically adjusts to local sunrise/sunset times.
- 120VAC, 60Hz, UL listed.

NC71198



## BASTER AND SPATULA

*Useful tools for safe handling of thermoplastics.*

- The baster is ideal for directing heated water onto a specific area of a splint.
- The spatula is useful for safely lifting warm thermoplastics out of heating pans. Tapered edge decreases marks to the splint.

NC12735 Baster  
NC12736 Spatula



## ELECTRONIC TIMER

*Large buttons and LCD display for easy use.*

- Displays time in hours, minutes and seconds.
- Memory recalls previous setting.
- Continuous running clock displays hours, minutes and seconds and AM/PM mode.
- Timer counts up to and from 100 hours.
- Can be used as a stopwatch.
- Includes clip, stand, magnet and wall mount hole.
- Includes one "AAA" battery.

NC70163



## SPLINTMARKERS™

*Indispensable for tracing patterns on splinting materials.*

- Traced lines stay on thermoplastics, even when immersed in water.
- Sold in a package of 12.

NC12012 (12)

## SAMSON® PUNCH

*Heavy duty, all-purpose punch easily pierces splinting and strapping materials.*

- Requires minimal force to punch holes.
- Easy-to-squeeze, spring-loaded handles.
- Includes a 1/4" (6.4mm) die. Additional dies are sold separately.
- Holes can be punched up to 1 1/2" (3.8cm) from the edge of the material.

NC12703 Samson® Punch and 1/4" (6.4mm) die

### Replacement Dies

NC12703-2 Die 1/8" (3.2mm)

NC12703-4 Die 3/16" (4.8mm)

NC12703-6 Die 1/4" (6.4mm)

## HEAVY DUTY REVOLVING PUNCH PLIERS

*Simply turn the wheel to change the size of the hole punch.*

- Made of forged steel.
- Use to punch holes for rivets and perforations.
- Carbon steel cutting tubes are threaded for easy replacement.
- Six tubes punch holes from 3/32" to 11/64" (2.4 to 4.4mm) in diameter.
- Holes can be punched up to 1 1/2" (3.8cm) from the edge of the material.
- Replacement dies are available.

NC12345

### Replacement Dies

NC12345-1 Die 3/32" (2.4mm)

NC12345-2 Die 7/64" (2.8mm)

NC12345-3 Die 1/8" (3.2mm)

NC12345-4 Die 5/32" (4.0mm)

NC12345-5 Die 11/64" (4.4mm)

## ECONOMY REVOLVING PUNCH PLIERS

*Revolving punch at an economical price.*

- Features self-opening, nickel-plated handles.
- Ideal for cutting holes in leather, fabrics and cold thermoplastics.
- Holes can be punched up to 3 3/8" (7.9cm) from the edge of the material.
- Punches six hole sizes ranging from 5/64" to 3/16" (2.0 to 4.8mm) in diameter.

NC12714

## NEW FISKARS® HAND DRILL

*Easy way to make holes in hard to reach areas.*

- Drills holes in wood, thermoplastics, metals and more.
- Great for quick rivets (sold on page 54).
- Contoured comfort grip handle.
- Easy bit removal.
- Made of ABS Plastic.
- Includes four popular drill bits: 3/16", 5/32", 1/8", 3/32".

NC28398

## 90° WIRE BENDER

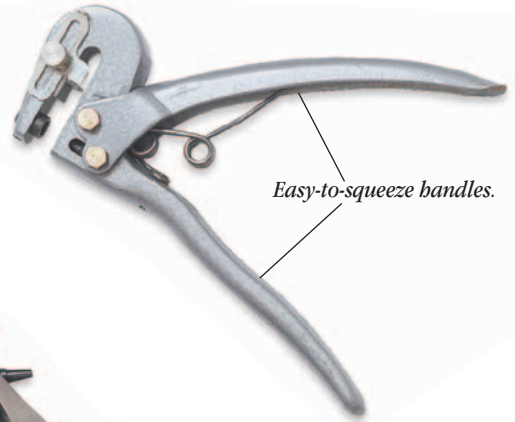
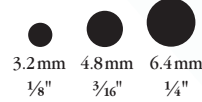
*Create perfect right-angle bends for outrigger wires.*

- Cushioned vinyl grips help eliminate stress on the hand.
- Safety latch keeps the handles and jaws closed.

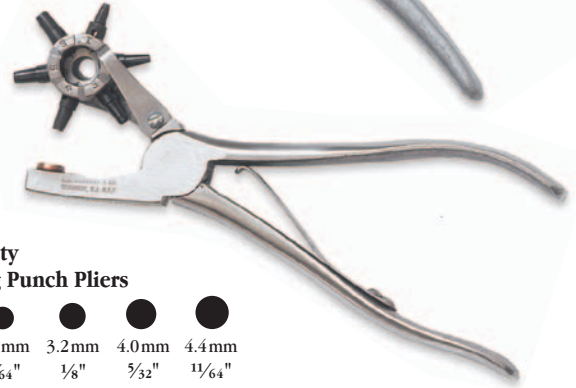
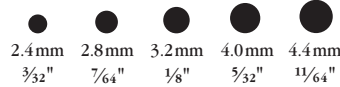
NC12569



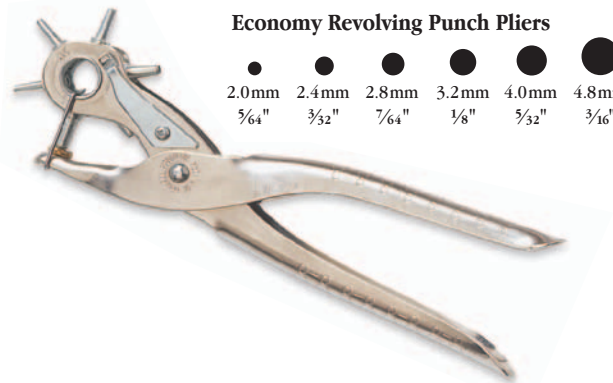
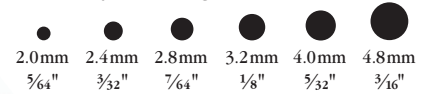
## Samson® Punch



## Heavy Duty Revolving Punch Pliers



## Economy Revolving Punch Pliers



Fiskars®  
Hand Drill



90° Wire  
Bender



# SPLINTING: TOOLS



**Heavy Duty Bandage and Cast Shears**



**Surgical Scissors**



**Serial Cast Cutter Scissors**



**Utility Knife**



**Bandage Scissors**



**Curved Mayo Scissors**



**Round Nose Pliers**



**TABLE VISE**

- Made of cast iron with a steel main screw.
- Measures 6" (15cm) wide. Weighs 6½ lbs. (2.9kg).
- Use to stabilize outrigger wire or to hold the T-Anvil (NC12746, shown right) when applying rivets.
- Portable yet stable vise can be attached by its clamp or permanently mounted.
- Self-adhesive padding such as Microfoam™ Tape (NC12640) may be added to the jaws to improve stability and to prevent marring.

NC12747



**T-ANVIL**

- Made of carbon steel.
- Designed for rivet application.
- Two arms, one flat and one rounded, allow easy access to hard-to-reach spots.
- Center piece measures 5" (13cm) long. The flat arm measures 1⅜" (3.5cm), the rounded arm measures 1¾" (4.4cm).
- The welded cross bar helps to stabilize the anvil in a small table vise (such as NC12747 left) for a more secure hold when hammering rivets.


NC12746

## HEAVY DUTY BANDAGE AND CAST SHEARS

- Ideal for removing or trimming casts.
- Total length of shears measures 8" (20cm) long. Stainless steel blades measure 2" (5.1cm) long.

NC12688

## BANDAGE SCISSORS

- Perfect for trimming fracture braces.
- Blunt tips provide safety.
- Stainless steel blades measure 2½" (6.4cm).
- Autoclavable.
- For right-handed use only. 

NC12715

## SURGICAL SCISSORS

- Ideal for cutting and trimming bandages and for suture removal.
- Razor-sharp, stainless steel blades are curved 10° to the right to make cutting curves easy.
- Blades measure 2½" (6.4cm) long.

NC12699

## CURVED MAYO SCISSORS

- Slim design is excellent for removing bandages and trimming thermoplastics.
- Blades are curved 7° to the right to make cutting around curves easy.
- Blades measure 2¼" (5.7cm) long.

NC12707 Heavy-duty Stainless Steel

NC12727 Chrome-plated

## SERIAL CAST CUTTER SCISSORS

- Ideal for removing or trimming finger casts.
- Serrated, stainless steel blades measure ½" (13mm).

NC12686

## ROUND NOSE PLIERS

- Heavy duty pliers are ideal for bending spring wire into coils.
- Contoured handle fits comfortably in the hand.

NC12778

## UTILITY KNIFE

- Slide in-out blade system for added safety.
- Features knuckle guard and secure grip handle.
- Includes three replacement blades that are stored conveniently inside the handle.
- Additional replacement blades sold separately.

NC12712 Utility Knife

NC12713 Replacement Blades (5)

**Fiskars® Softouch™ Scissors**



**EuroShears™**



**Curved Scissors**



**Kinesio® Pro Scissors**



**Heavy Duty Shears**



**Micro-Tip® Comfort Grip Scissors**



**Fiskars® Scissors**



**Fiskars® All Purpose Snip**



**Razor Edge Fiskars® Scissors**



**Fiskars® Scissor Sharpener**

**Gingher Heavy Duty Scissors**



## FISKARS® SOFTOUCH™ SCISSORS

*All-purpose shears feature a safety lock and a spring-loaded handle.*

- Ergonomically designed, padded nonslip handles help reduce stress on hands.
- Blades measure 4" (10cm) long.

NC12565

## KINESIO® PRO SCISSORS

*Great for cutting sticky items.*

- Black carbon and fluorine resin coated.
- Leaves less residue when cutting adhesives.
- Stainless steel blades measure 3½" (8.9cm) long.
- High-carbon cutting surfaces stay sharp for years.

NC89046

## FISKARS® SCISSORS

*Economical and versatile scissors.*

- Creates a smooth edge on cut thermoplastics.
- Great for cutting warm thermoplastics.
- Blades measure 4" (10cm) long.

NC12710 Left

NC12711 Right

## FISKARS® SCISSOR SHARPENER

*Sharpens both blades at the same time.*

- Only gentle pressure is required.
- Works with most smooth edge scissors.

NC12709

## EUROSHEARS™

*The ergonomically angled design of the EuroShears™ makes cutting easier.*

- High-quality shears are sturdy and durable.
- Ergonomic handles relieve stress on hand joints.
- Blades measure 3¼" (8.3cm) long.

NC44886

## HEAVY DUTY SHEARS

*These shears cut any type of thermoplastic sheet.*

- Cuts cold thermoplastics better than most shears.
- Ideal for cutting large patterns.
- Blades measure 3" (7.6cm) long.

NC44887

## FISKARS® ALL PURPOSE SNIP

*Cuts virtually any kind of material.*

- Lightweight with ergo handle.
- Cuts both thermoplastic and wire.
- Stainless steel blades measure 2½" (6.4cm) long.

NC12701

## GINGHER HEAVY DUTY SCISSORS

*Recommended for cutting warm thermoplastics.*

- Chrome plated and durable.
- Rounded tips provide extra safety.
- Blades measure 3" (7.6cm) long.

NC12718

## CURVED SCISSORS

*The 10° tapered edge makes cutting around curves easy.*

- Ideal for cutting warm thermoplastics.
- Blades measure 3¼" (8.3cm) long.

NC12719

## NEW MICRO-TIP® COMFORT GRIP SCISSORS

*High-grade, stainless-steel blades cut all the way to the tip.*

- Extra-large loop handles with Softgrip® help reduce hand fatigue.
- Ideal for cutting smaller patterns.
- Accommodates right and left hands.
- Approximately 7" (18cm) length.

NC12623

## RAZOR EDGE FISKARS® SCISSORS

*Perfect for making fine adjustments with smooth, even edges.*

- Sharp, thin blades cut smooth, even edges.
- Rivet in the center of the blades allows easy tension adjustments.
- Molded plastic handles.
- Blades measure 4¼" (11cm) long.
- For right-handed use only.
- Lifetime manufacturer's warranty.

NC12566



All scissors may be used in either the left or right hand unless otherwise stated.





# SPLINTING: SUPPLIES



## TAPE MEASURE

- Measuring tape is made of extra-heavy, glazed cloth with a white, impact-resistant plastic case.
- Measure up to 60" (1.5m) with this durable, retractable tape measure.
- Measures in inches and centimeters.

NC12708 Single



## SOLVENT

- Removes coating on thermoplastics for bonding two pieces together.
- Use a heat gun and press thermoplastic pieces together for a strong permanent bond.
- Metal container meets safety requirements.
- Sold in an 8 fl. oz. (237ml) can with included applicator.
- Air shipment special handling fee. Call for details.

NC12721



## COLD SPRAY

- Harden splints quickly and easily.
- Contains hydrochlorofluorocarbons. Flammable.
- Not for use on skin.
- Sold in a 10 oz. (284g) can.
- Ground shipment only.

NC15005 Single



## QUICK-FREEZE® COLD SPRAY

- The safest, most environmentally friendly cold spray available.
- Contains no hydrochlorofluorocarbons, chlorofluorocarbons or methyl chloroform.
- No ODC labeling requirements.
- Odorless, low order of toxicity. Not for use on skin. Compatible with most polymers, rubber and metal. Nonflammable.
- Sold in a 14 oz. (397g) can.
- Ground shipment only.

NC12722 Single

NC12722-12 Case of 12



## LOCTITE® SUPER GLUE

- Powerful adhesive is superb for gluing finger hooks, neoprene, leather, rubber and most plastics.
- Sets up quickly.
- Cap features a metal pin that seals nozzle for clog-free performance.
- Longneck nozzle with precision tip is great for hard-to-reach places and won't drip during application.
- Remove with nail polish remover.
- Tube contains .18 oz. (5.0g).

NC12564



## SEAL CEMENT™

- Ideal for use with Comfortprene™ or neoprene materials, sold on pages 36 and 37.
- Glue dries clear for a neat finish.
- Sold in a 4 fl. oz. (118ml) can with brush applicator.
- Air shipment special handling fee. Call for details.

NC79623



## LOCTITE® 409 GEL

- Strong adhesive is ideal for gluing hooks to fingernails.
- Industrial strength, gel adhesive sets up quickly.
- Will not seep through like liquid-type permanent glue.
- Tube application is neat and quick.
- Remove with nail polish remover.
- Tube contains .10 oz. (3.0g).

NC18105



## BARGE CEMENT

- Only one coat bonds fabric, padding, metal and leather.
- Forms a strong, waterproof bond. Remains flexible when dry.
- Air shipment special handling fee. Call for details.

NC12560 2 fl. oz. (59ml) tube



## TURNBUCKLES

Create custom static progressive wrist and elbow splints.

- Made of heavy-duty steel screws with a rubberized turn handle.
- Ideal for fracture bracing, post-cast conditions and serial splinting.
- Use for soft tissue joint contractures to improve range of motion serially.
- Length of turnbuckle is measured from clip end to clip end.
- Thermoplastics sold separately.

		Turnbuckle Length Adjustment
NC33799-TB	Mini	3½" to 5" (8.9 to 13cm)
NC33800-TB	Small	4⅛" to 6⅞" (10 to 16cm)
NC33801-TB	Medium	4¾" to 6¾" (12 to 17cm)
NC33802-TB	Large	5½" to 8" (14 to 20cm)



## PHOENIX™ HINGES

Create lightweight, binged splints set at any angle.

- Autoclavable aluminum. Weighs 2 oz. (57g).
- Indicated for serial splinting, post-operative and post-cast management. Use for splinting following wrist or elbow arthroplasty and for adjusting ROM.
- Kit includes (1) hinge, (8) binding head screws, (4) thumbnuts and (1) hex wrench.
- Can be attached easily with thumbnuts.
- For wrist splints, measure from wrist joint axis to MP joints.
- Movable blocks can be adjusted with a hex wrench to allow hinge to block either flexion and/or extension.
- Thermoplastic and straps sold separately.
- Measurements indicate length of each hinge arm.

		Each Arm Length
NC15451	Adult Wrist/Pediatric Elbow	3½" (8.9cm)
NC15452	Average Adult Elbow	5¼" (13cm)
NC15453	Large Adult Elbow	6¾" (17cm)



## R.O.M. JOINTS

Take the guesswork out of adjusting binged, range of motion splints.

- Joints are constructed of ⅛" (3.2mm) thick, anodized aluminum.
- Ideal for post-operative indications, fracture bracing and post-cast management.
- R.O.M. Joints may be used for serial splinting to reduce soft tissue contracture following elbow or wrist arthroplasty and wherever limited range of motion is indicated for joint protection.
- U.S. Patent 4,337,764.



## WRIST R.O.M. JOINT

- Wrist R.O.M. Joint arms measure 4" and 2¼" (10 and 5.7cm) long. Weighs only 1 oz. (28g).
- Hex screws allow infinite adjustments from fully blocked to full ROM.
- Includes (1) joint, (4) binding head screw assemblies, (2) hex screws, (1) hex wrench and instructions.
- Also can be used to create hinged pediatric elbow splints.

NC15441



## ELBOW R.O.M. JOINT

- The Elbow R.O.M. Joint has two 7" (18cm) long arms joined at an axis point. Weighs only 2½ oz. (71g).
- Hex screws allow adjustment from fully blocked to full ROM. Each adjustment represents a 15° change in ROM. Full ROM is possible with the hex screws removed.
- Includes (1) joint, (4) binding head screw assemblies, (2) hex screws, (1) hex wrench and instructions.

NC15440



# SPLINTING: KITS AND ACCESSORIES



Elbow Serrated Hinge



Wrist Serrated Hinge

Serrated teeth lock in place.

## STATIC PROGRESSIVE SERRATED HINGE

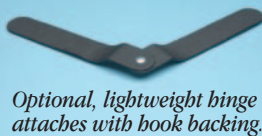
*Serrated teeth allow these hinges to be locked into virtually any position.*

- Hinge arms are made of durable,  $\frac{1}{8}$ " (3.2mm) thick aluminum attached to a plastic joint with serrated interlocking teeth. Arms are shaped to accommodate most wrist and elbow anatomy and can be bent by hand for custom fitting.
- Ideal for neurological and post-operative use to help serially reduce joint contractures of the wrist and elbow. Great for protective joint positioning, serial splinting, fracture bracing, post-cast removal and post-elbow or wrist arthroplasty.
- Kits include all the necessary nuts and screws for mounting the joint arms onto thermoplastic splints. A hex wrench is included for easy joint release and tightening for ROM positional changes. The only other tools required to make a custom splint are a screwdriver and a hole punch/drill.
- Thermoplastics sold separately. It is recommended that  $\frac{1}{8}$ " (3.2mm) thick splinting material be used as the base splint for effective construction using these unique hinges.
- The **Elbow Serrated Hinge** has two 7" (18cm) long arms. The open slots allow greater adjustability in positioning the splint. Brass thumb nuts secure easily and create a professional look. Includes (1) hinged joint piece, (5) thumb nuts, (5) stainless steel screws, (5) spacer washers, (1) padded hinge cover, hex wrench and instructions.
- The **Wrist Serrated Hinge** has two arms measuring  $2\frac{3}{8}$ " and  $4\frac{3}{4}$ " (8.6 and 12cm) long. Includes (1) hinged joint piece, (5) plastic nuts, (5) stainless steel screws, (5) spacer washers, (1) padded hinge cover, hex wrench and instructions. This kit also can be used to create hinged pediatric elbow splints.

NC15454 Elbow Serrated Hinge

NC15455 Wrist Serrated Hinge

## Plastic Hinge



Optional, lightweight hinge attaches with hook backing.

## Mounting Bracket



**Dynamic Elbow Flexion Splint Kit** shown with **Plastic Hinge**  
Progress® Straps sold separately (page 72).

## DYNAMIC ELBOW FLEXION SPLINT KIT

*Turn a binged elbow splint into a dynamic splint for biceps tendon repair.*

- Unique mounting brackets easily attach to any thermoplastic splint with the included thumb nuts and screws.
- Brackets are designed to hold the dynamic cord taut with the elbow at rest. Lengthen or shorten the dynamic cord to obtain the desired protected elbow joint position.
- Kit includes (2) mounting brackets, (2) dynamic cords of different thicknesses/tension, (2) brass thumb nuts, (3) stainless steel screws, (3) washers, (3) cord ties, (2) hook/loop protector covers and instructions.
- The optional lightweight **Plastic Hinge**, (sold separately) provides splint component alignment and allows full elbow ROM. Hinges measure  $\frac{1}{16}$ " x 1" (1.6mm x 2.5cm) wide. Both arms are  $7\frac{1}{4}$ " (18cm) long and have hook on the inside for easy attachment. Plastic Hinge is made of Kydex®. Not intended for heavy joint use/support.

NC15445 Dynamic Elbow Flexion Splint Kit

NC15449 Plastic Hinge (1)

## DYNASYST™ SPLINT COMPONENTS - STAINLESS STEEL SPRING WIRE COILS

### Finger Extension Assist



### Finger Coil



### Knuckle Bender



### Wrist Extension Coil



## DYNASYST™ FINGER EXTENSION ASSIST

- Make a custom dynamic finger extension splint.
- Each outrigger wire delivers up to 290 grams of traction force.
- Orfit® Dorsal Cock-Up Splint (NC33765) is sold separately on page 26.



## DYNASYST™ FINGER COIL

- For custom dynamic PIP/DIP flexion, ulnar or median nerve positioning splints. Use with PIP/DIP contractures.
- Short rod measures  $\frac{1}{2}$ " (13mm).
- Long rod measures  $3\frac{1}{4}$ " (8.3cm).



Package of 10  
NC33667

## DYNASYST™ KNUCKLE BENDER

- Use for ulnar nerve palsy or to assist weak intrinsic muscles. Provides dynamic MP flexion.
- Rods measure  $\frac{3}{4}$ " (19mm).
- Each spring delivers up to 250 grams of traction force.



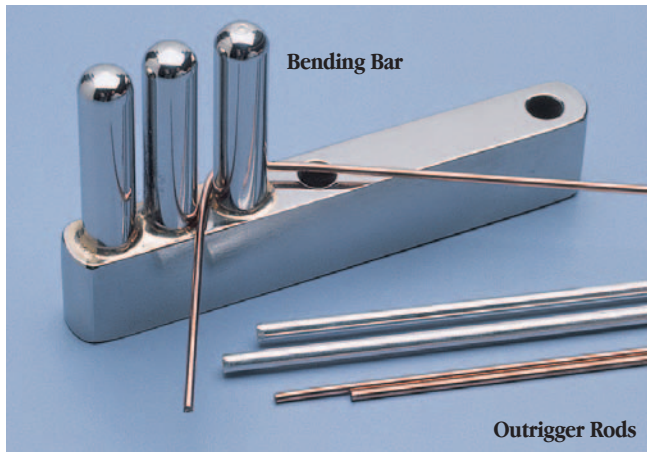
Package of 10  
NC33668

## NEW DYNASYST™ WRIST EXTENSION COIL SPRING

- Use for dynamic wrist extension splints.
- Stainless steel spring wire  $\frac{1}{16}$ " (1.5mm).
- Torque force when tightened over an angle of 130°: 5000 g.cm.
- Coil diameter  $\frac{3}{5}$ " (15mm).
- 10 pieces: 5 right and 5 left.



Package of 10  
NC36675



## BENDING BAR AND OUTRIGGER RODS

Create precise bends with outrigger rods and bending bars.

- Aluminum, copper-coated steel and brass rods are 36" (91cm) long.
- Aluminum** rods are ideal for lightweight, easy-to-contour outriggers.
- Copper-coated** rods can be used when additional strength is required.
- Brass** rods have no flux and are ideal for the strongest outriggers.
- The three-prong **Bending Bar** is used to create smooth, consistent bends. A vise is recommended for greater stability when using the Bending Bar.

### Bending Bar

NC12706

### Aluminum Rods (12)

NC12515-12 1/8" (3.2mm)

NC12516-12 3/2" (2.4mm)

### Copper Rods (12)

NC12514-12 1/8" (3.2mm)

NC12512-12 3/2" (2.4mm)

NC12513-12 1/16" (1.6mm)



Brass Rods

### Brass Rods

NC12517 1/8" (3.2mm) (10)

NC12518 1/16" (1.6mm) (20)

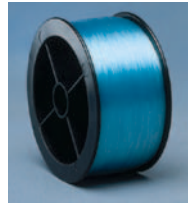
## NYLON OUTRIGGER LINE

Ideal for securing finger loops.

- Monofilament line made of sturdy nylon.
- The 10 lb. (4.5kg) line measures 475 yds. (434m).
- The 15 lb. (6.8kg) line measures 300 yds. (274m).

NC12511 10 lb. (4.5kg) line

NC12511-15 15 lb. (6.8kg) line



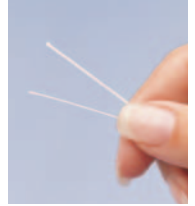
## BRAIDED OUTRIGGER LINE

Easy-to-tie and easy-to-handle.

- Smooth surface minimizes drag and friction.
- Will not tear, fray or stretch.
- Sold in 100 yd. (91m) rolls.

NC12520 20 lb. (9.1kg) line

NC12519 50 lb. (23kg) line

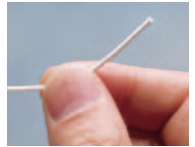


## BRAIDED ELASTIC

Dynamic traction alternative.

- Measures 1/16" (1.5mm) thick.
- Sold in a 10 yd. (9.1m) roll.

NC12509



## OUTRIGGER LINE CONNECTORS AND CRIMPING TOOL

Strong, lightweight aluminum connectors.

- Slip outrigger line through the 1/4" long connector and pinch with the crimping tool. No tying is required. Connectors won't loosen or slip apart.
- Use with Nylon Outrigger Line (NC12511), shown above.
- Crimping tool sold separately.

NC12495 8 lb. (3.6kg) Connectors (100)

NC12498 20 lb. (9.1kg) Connectors (100)

NC12496 Crimping Tool



## STEEL SPRING WIRE

Create custom coil springs and outriggers.

- 15 gauge stainless steel wire.
- Sold in 16 yd. (15m) rolls.

NC36674



## LINE STOPPERS

Ideal for making quick line tension and length adjustments.

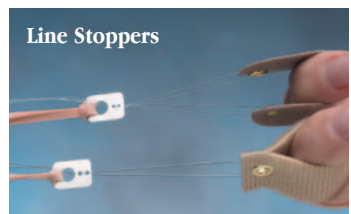
- These small metal pieces prevent monofilament line from slipping and "lock" the line in place, yet still allow easy length adjustments.
- Use with loops, slings or rubber bands.

### Small Hole Line Stopper

NC22556 (25)

### Large Hole Line Stopper

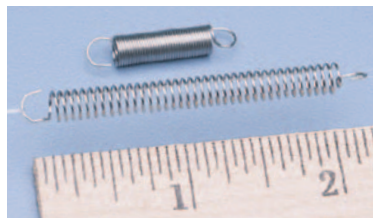
NC22557 (25)



## UNIVERSAL SPRINGS

Stainless-steel springs are designed for consistent, controlled force.

- Tension can be adjusted from 50 to 300 grams by stretching the spring up to 3" (7.6cm).
- The 1" (2.5cm) spring provides 43 grams of applied force per 1/4" (6.4mm) stretched.
- The 1 1/4" (4.5cm) spring provides 62 grams of applied force per 1/4" (6.4mm) stretched.



### Pkg. of 10

NC12490 1" (2.5cm)

NC12491 1 1/4" (4.5cm)

## GYOVAI FINGER SPRING™

This time-saving, pre-tied finger spring is so unique, it's patented.

- Consists of a Velcro® tab, a 1" (2.5cm) Universal Spring and a 12" (30cm) long, 15 lb. (6.8kg) Outrigger Line completely assembled.

- Easily adjusts to provide between 50 and 400 grams of force.
- Available with a Velcro® loop or hook tab.
- U.S. Patent 4,949,711.

NC12508 Loop Tab (10)

NC12508-H Hook Tab (10)





# SPLINTING: KITS AND ACCESSORIES

## RUBBER BAND POSTS

- Use to anchor rubber bands.
- Posts measure 1/4" tall with a 1/2" diameter (6.4 x 13mm).
- Attach by punching a 1/8" (3.2mm) hole in the splint and screwing in the post.



NC12762 (10)

## BASELINE LINE GUIDES

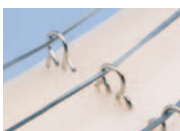
- Punch 1/8" (3.2mm) hole in thermoplastic and screw in guides to position outrigger line or elastic traction.



NC12830-5 (10)

## METAL EYELETS/LINE GUIDES

- Use to guide outrigger line or elastic traction.
- Easy to embed in warm thermoplastic.



NC22558 (100)

## RUBBER BANDS

- A 1/4 lb. (113g) bag contains an assortment of 2", 2 1/2", 3" and 3 1/2" (5.1, 6.3, 7.6 and 8.9cm) long rubber bands (standard sizes #14, 16, 18 and 19).



NC12506

## PAJAMA ELASTIC

- Knitted elastic.
- Use to make composite flexion straps.
- Hand wash and air dry.



NC12001 1" x 12yd.  
(2.5cm x 11m)

## FINGER HOOKS

- Bend and glue these hooks to fingernails.



NC12395 (100)

## NYLON AND ALUMINUM SCREWS AND POSTS

- Excellent for small, hinged splints.
- Shaft length measures 1/4" (6.4mm).



NC12731 Nylon (100)  
NC12732 Aluminum (100)

## QUICK RIVETS

- Pinch closed with fingers.
- Eliminates internal projection.
- All sizes require a 1/8" (3.2mm) hole.



Package of 100	Shaft Length
NC12737 Small	5/16" (7.9mm)
NC12738 Medium	11/32" (8.7mm)
NC12739 Large	3/8" (9.5mm)

## LEATHER AND FABRIFOAM™ FINGER SLINGS

- Made of 3 1/2 oz. (99g), top-quality, sturdy, tanned leather or fabrifoam™ material with attached braided outrigger line. Non-fraying line ties quickly and easily.
- Slings can be trimmed easily with scissors.
- Leather becomes soft and pliable, losing its initial stiffness and contouring comfortably around the finger.
- fabrifoam™ stretches slightly, conforms and stays in place.

### Leather Finger Slings (Package of 10)

NC12355	Medium	2 1/2" x 7/8" (6.4 x 2.2cm)
NC12356	Small	1 3/8" x 5/8" (4.3 x 1.6cm)

### fabrifoam™ Finger Slings (Package of 10)

NC12355F	Medium	2 1/2" x 7/8" (6.4 x 2.2cm)
NC12356F	Small	1 3/8" x 5/8" (4.3 x 2.2cm)

## SOFT FINGER LOOPS

- Velfoam® 2 loops measure 1 1/8" x 5" (2.9 x 13cm).
- Soft, comfortable loops have a pre-punched, eyelet-reinforced hole.
- Hand wash and air dry.

NC12400 (10)

## ULTRA-SUEDE FINGER SLINGS

- Polyester/polyurethane slings measure 7/8" (22mm) wide and 2", 3", 3 1/2" or 4" (5.1, 7.6, 8.9 or 10cm) long.
- Hand wash and air dry. Slings are shrinkproof and wrinkleproof.
- Precut holes, available with or without grommets.

### Plain Ultra-Suede Finger Slings (100)

NC12339	2"	(5.1cm)
NC12340	3"	(7.6cm)
NC12342	3 1/2"	(8.9cm)
NC12341	4"	(10cm)

### Plain Ultra-Suede Finger Slings with Grommets (10)

NC12338	2"	(5.1cm)
NC12397	3"	(7.6cm)
NC12410	3 1/2"	(8.9cm)
NC12398	4"	(10cm)

## PRE-TIED ULTRA-SUEDE FINGER SLINGS

- Ultra-Suede Slings with nylon ties measure 7/8" x 3" (22mm x 7.6cm).
- Fast and convenient for use with outriggers.
- Hand wash and air dry.

NC12399 (10)

## 3-POINT® FOAMWRAP™ FINGER SLINGS

- Nonslip foam slings hold securely, even on the distal phalanx.
- Slings fold to three different lengths: 4 1/4", 3 3/4" and 3 1/4" (11, 9.5 and 8.3cm).
- Stretchy slings prevent constriction.

NC58759-10 (10)  
NC58759-25 (25)



## STICK-ON™ FINGER HOOKS

*An excellent alternative to gluing books to fingernails.*

- The  $\frac{3}{8}$ " (9.5mm), steel #2 hooks are fastened to adhesive wrap to hold rubber bands or outrigger lines for dynamic or static progressive splinting.
- Flexible, breathable, water-resistant wrap adheres securely to fingertip while allowing free movement of the joint. Padding helps protect nails and fingertips.
- Adheres all day without adjustment or maceration. Can be removed and reattached up to four times.
- Latex free.

NC12357 (5)



## ORFITUBE™ SYSTEM

*Create low-profile, lightweight outrigger systems with Orfitubes™.*

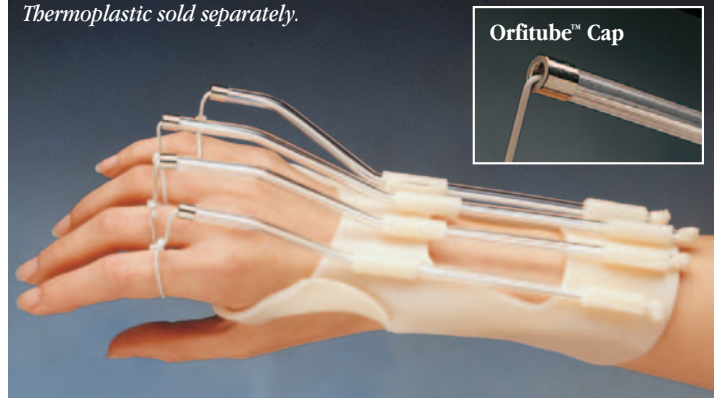
- **Orfitube™ Kit** includes ten 11 $\frac{1}{16}$ " (30cm) long Orfitubes™, three spools of elastic thread in varying resistance levels and two bending rods.
- Ideal for positioning following MP arthroplasty, extensor tendon surgery and nerve injuries.
- No heat is required when bending Orfitubes™; for best results use Bender Tool (NC33673) sold below.
- Bend these hard plastic tubes by hand with bending rod inside of tube.
- **Orfitube™ Caps** help prevent fraying of the elastic thread as it glides past the cap end on the tube (sold separately).
- Thermoplastic material sold separately.

NC33669 Orfitube™ Kit

NC33669-1 Replacement Tubes (10)

NC33670 Orfitube™ Caps (20)

*Thermoplastic sold separately.*



## ORFITUBE™ ADJUSTER KIT

*Allows precise positioning and repositioning of Orfitubes™.*

- The Orfitube™ Adjuster has a self-adhesive base for easy mounting onto the splint. Can be used for articulation in any position.
- Adjusters can be mounted next to one another. Provides for a precise, reliably locked position using hex wrench.
- **Orfitube™ Adjuster Kit** includes five Orfitube Adjusters, five Orfitubes with end caps (one each), bending tube, a hex wrench and instructions.
- **Orfitube™ Adjusters** includes five Orfitube Adjusters, one hex wrench and instructions.

NC33674 Orfitube™ Adjuster Kit

NC33672 Orfitube™ Adjusters (5)



## ORFITUBE™ BENDER TOOL

*Create smooth angles in Orfitubes™ using this tool.*

- Easily bend the hard plastic Orfitubes™ with inserted bending rod makes angles from 0° to 120° in any direction without heating or breakage.
- Orfitubes™ snap into the tool for easy control.
- Orfitubes™ sold separately.

NC33673

*Bending rod included in Orfitube™ kit above.*



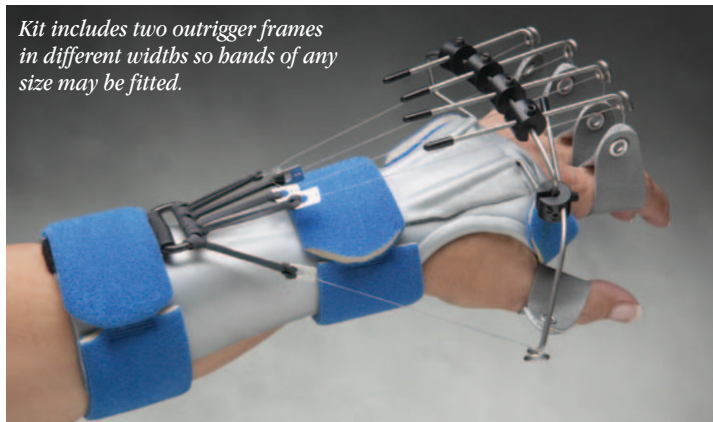
## Orfitube™ Bender Tool





# SPLINTING: KITS AND ACCESSORIES

Kit includes two outrigger frames in different widths so bands of any size may be fitted.

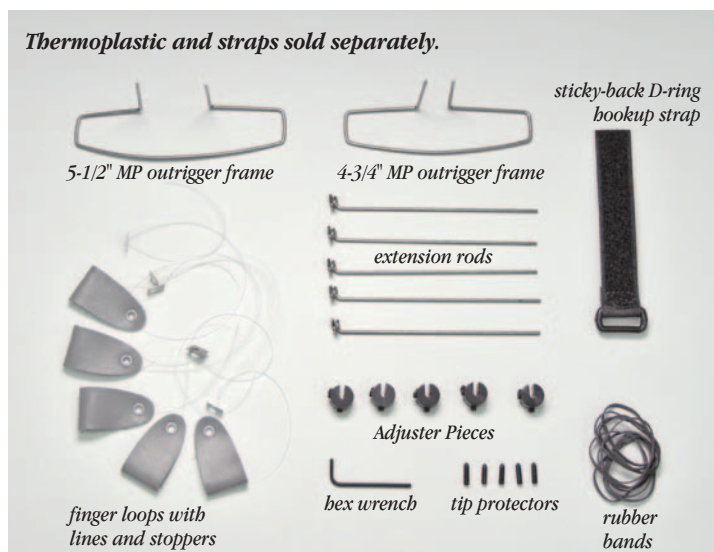


## NEW BLACKHAWK™ DIGITAL OUTRIGGER KIT

Adjustable components allow quick placement of individual digits into proper 90° line of pull.

- Fabricate dynamic finger extension splints in less time.
- Ideal for post radial nerve injuries and post MCP arthroplasty. Contraindicated for fixed bony contractures or unstable fracture conditions.
- The preformed outrigger wire frame follows the arch of the hand and can be easily attached to the thermoplastic splint base (not included).
- Two outrigger frames are included and can be fitted to any size hand.
- The adjuster piece mounts securely on the outrigger frame to hold the extension rod, and can rotate to maintain correct alignment of the extension rod if the joint position needs to be changed.
- Each extension rod can be shortened or lengthened to accommodate different fingers and joints.
- Rod ends act as line guides so each respective finger loop holds the digit in correct alignment.
- Thermoplastic and straps sold separately. Additional replacement parts also are available. Latex free.

Thermoplastic and straps sold separately.



Kit includes:

- |  |   |
|--|---|
| (5) 6" (15cm) long extension rods                                  | (2) MP outrigger frames: one 5 1/2" (14cm) wide, one 4 3/4" (12cm) wide |
| (5) Plastic tip protectors   | (5) Sticky-back D-ring hookup straps                                    |
| (5) Adjuster pieces, each with three set screws                    | (1) Hex wrench  |
| (5) Finger loops with attached monofilament line and line stoppers | (10) Synthetic elastic bands (latex free)                               |
- Instructions included.

NC12780 Blackhawk® Outrigger Kit (1)

### Replacement Parts

NC12780-01	Adjuster Piece, Ext. Rod, Tip Protector	(5)
NC12780-03	Extension Rods	(5)
NC12780-04	Adjuster Pieces w/ Allen Wrench	(25)

## Blackhawk™ Single Digit Outrigger Splint (for PIP extension)

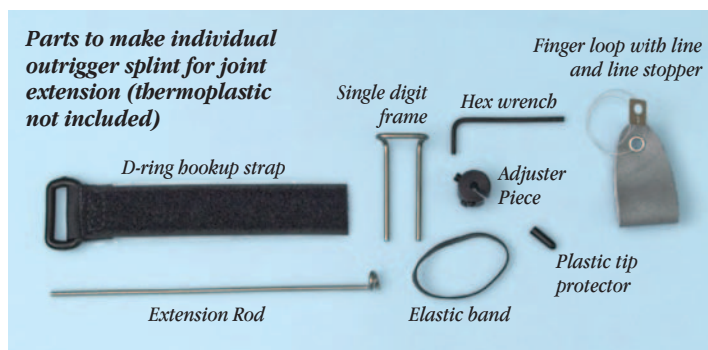


## NEW BLACKHAWK™ SINGLE DIGIT OUTRIGGER KIT

Single outrigger components allow quick securement of an involved digit into the proper 90° line of pull.

- Fabricate a dynamic finger extension splints in less time using this convenient kit.
- Includes enough adjustable components to make five individual finger outrigger splints. Latex free.
- Designed to address limited joint range of motion or weakness of the finger or thumb.
- Contraindicated for fixed bony contractures or unstable fracture conditions. The preformed outrigger wire frames can be easily attached to a thermoplastic splint base. Hand based PIP extension splint pattern included in the instructions. Thermoplastic and straps sold separately.
- The adjuster piece mounts securely on the outrigger frame to hold the extension rod, and can rotate to maintain correct alignment of the extension rod if the joint position needs to be changed.
- The extension rod can be easily shortened or lengthened using the hex wrench. It has a curled end which acts as line guide to the attached finger loop to keep digit in correct alignment.
- Additional replacement parts are available, sold separately.

Parts to make individual outrigger splint for joint extension (thermoplastic not included)



Kit includes:

- (5) 6" (15cm) long extension rods
- (5) Plastic tip protectors
- (5) Adjuster pieces, each with three set screws
- (5) Finger loops with attached monofilament line and line stoppers
- (5) Individual finger outrigger frames
- (5) Sticky-back D-ring hookup straps
- (1) Hex wrench
- (10) Synthetic elastic bands (latex free)

Instructions included.

NC12781 Blackhawk® Single Digit Outrigger Kit (1)

### Replacement Parts

NC12780-01	Adjuster Piece, Ext. Rod, Tip Protector	(5)
NC12780-03	Extension Rods	(5)
NC12780-04	Adjuster Pieces w/ Allen Wrench	(25)
NC12781-01	Single Digit Outrigger Frame	(5)

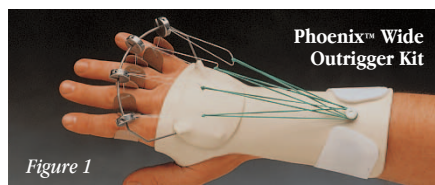


Figure 1



Figure 2

## PHOENIX™ WIDE OUTRIGGER KIT

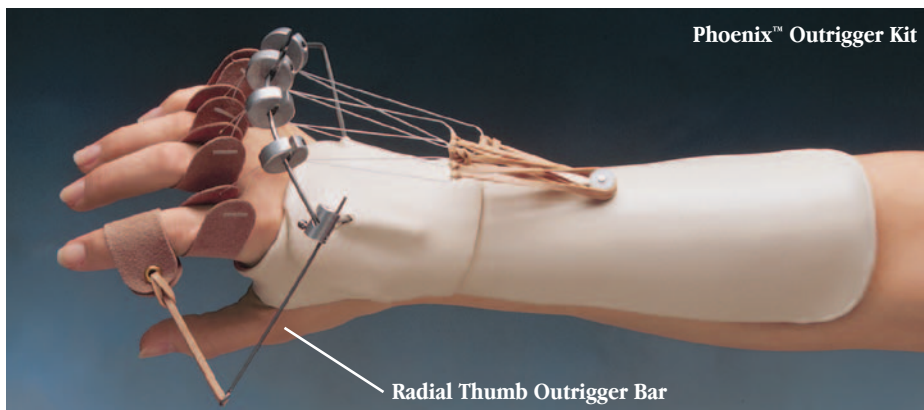
*Fabricate dynamic splints on larger hands.*

- Features a 4½" (11cm) wide outrigger arc for larger hands. (Figure 1).
- Can be used in combination with the Phoenix™ Outrigger Kit (NC12760) for varying degrees of flexion contractures in different fingers (Figure 2). The wide outrigger provides an effective line of pull for joints that are more flexed, and the standard outrigger works well for less flexed joints.
- Thermoplastic and straps sold separately.

NC12765 Phoenix™ Wide Outrigger Kit\*

NC12766 Wide Dorsal Outrigger Bar Replacement

\* Kit components are listed to the right.



## PHOENIX™ OUTRIGGER KIT

*Provides excellent flexibility in dynamic splinting.*

- Precontoured outriggers and a slotted pulley system offer maximum adjustability to ensure proper line of pull to each digit.
- Ideal for post-MP arthroplasty.
- Outrigger bonds to any thermoplastic splint base.
- One four-digit dynamic splint can be fabricated with each kit.
- Includes a radial outrigger to correct ulnar deviation or rotation deformity of the thumb or finger.

NC12760 Phoenix™ Outrigger Kit\*

NC12760-2 Radial Thumb Outrigger Bar Replacement

\* Kit components include:

- (1) Dorsal Outrigger Bar – 4" (10cm) wide arch
- (1) Radial Thumb Outrigger Bar
- (4) Pre-Tied Finger Loops with Outrigger Line
- (3) Finger Loops with Grommets
- (4) Adjustable Slotted Pulleys
- (1) Rubber Band Post
- (1) Hex Wrench ⅝" (2.0mm)

Instructions included.

*Thermoplastic and straps sold separately.*

## PHOENIX™ INDIVIDUAL DIGIT OUTRIGGER KIT

*Includes all the accessories for digit outriggers.*

- Kit includes:
  - (5) Slotted pulley with bar
  - (5) Pre-tied suede finger sling
  - (5) Rubber band post
- A hex wrench is included for easy adjustments.
- Thermoplastic and straps sold separately.



NC12764

## PHOENIX™ SLOTTED PULLEYS

*For easier threading of outrigger lines.*

- Designed for use with ⅜" (2.4mm) rods (NC12516-12 and NC12512-12) sold on page 53.
- A hex wrench is included.
- Sold in a package of 5.



NC12760-1 (5)

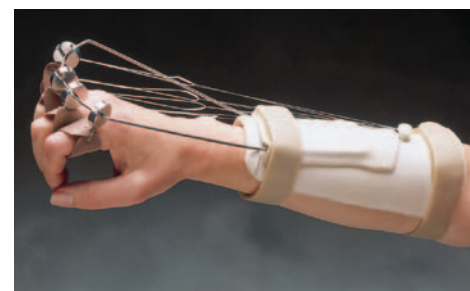


## PHOENIX™ WRIST UNIT

*Create low-profile dynamic wrist extension or flexion splints.*

- Made of autoclavable formed aluminum. Unit measures 4" (10cm) wide.
- Indicated for wrist flexion or extension contracture or to assist wrist extension tenodesis. Allows both dynamic or static progressive wrist motions.
- Unit can be adjusted easily by altering the length and force of the elastic component.
- Distal migration is minimal due to the unique, low-profile design.
- Includes (1) wrist unit, (3) binding head screws with thumbnuts, (10) adjustable nylon fasteners, (1) hex wrench, (1) rubber band post and instructions.
- Thermoplastic and straps sold separately.

NC12761



## PHOENIX™ EXTENDED OUTRIGGER KIT

*Quick, easy radial nerve palsy extension splint.*

- Low-profile radial nerve splint after mounting on any dorsally based thermoplastic splint.
- Pull and position of the pulleys are adjustable.
- The Phoenix™ Thumb outrigger is available separately for high radial palsy injury.
- Includes:
  - (1) Extended Dorsal Outrigger Bar – 3½" (8.9cm) wide arch
  - (5) Pre-Tied Finger Loops with Outrigger Line
  - (4) Individual slotted pulleys
  - (1) Rubber band post
  - (1) Hex Wrench and Instructions.
- Thermoplastic and straps sold separately.

NC12763 Extended Outrigger Kit

NC12760-2 Radial Thumb Outrigger Bar Replacement



# SPLINTING: KITS AND ACCESSORIES

## NEW ROM-STOP<sup>TM</sup>

*Pre-measured to save time when controlling finger ROM.*

- Made of plastic rods with end caps for easy glide of the outrigger line.
- Use to block finger flexion or extension at various increments without slippage.
- Ideal for MP arthroplasty, PIP joint arthroplasty or extensor tendon lacerations, especially early active zones 3-5.
- Less scar tissue adhesions and/or tendon ruptures.
- Easy to individualize the degrees of motion for each finger by using different length ROM-Stops.
- Each increment provides 5° difference in restrictions, for easy tracking of changes.
- May be used on most dynamic finger splint kits or custom design splints.
- The ROM-Stops<sup>TM</sup> Kit includes five each of each size full and half sizes in centimeters from 1.5cm to 8.0cm ( $\frac{3}{8}$ " to 3") in 14 lengths (total of 70 stops). A complete instruction card is included with each kit.
- To determine the length of the ROM-Stop<sup>TM</sup> needed, measure the line distance from the dynamic component to the outrigger end with the finger passively held in the desired joint angle and choose the corresponding length ROM-Stop<sup>TM</sup>.
- Latex free.

### NC33767 ROM-Stops<sup>TM</sup> Kit

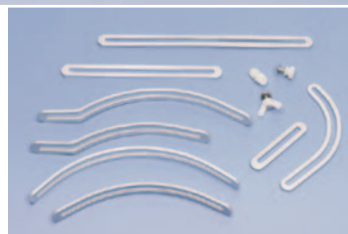
Replacement (Package of 5)	Length	Length	Length
NC33767-15	1.5 cm (0.6")	NC33767-40	4 cm (1.6")
NC33767-20	2 cm (0.8")	NC33767-45	4.5 cm (1.8")
NC33767-25	2.5 cm (1")	NC33767-50	5 cm (2")
NC33767-30	3 cm (1.2")	NC33767-55	5.5 cm (2.2")
NC33767-35	3.5 cm (1.4")	NC33767-60	6 cm (2.4")
		NC33767-65	6.5 cm (2.6")
		NC33767-70	7 cm (2.8")
		NC33767-75	7.5 cm (3")
		NC33767-80	8 cm (3.2")



## BASE 2<sup>TM</sup> OUTRIGGER KITS

*Economical outrigger components with the adjustability of more complex outriggers.*

- Made of lightweight aluminum for quick and easy fabrication and alignment of dynamic and static progressive splints. Kits include wing nuts, thumb screws and line guides made from plastic and metal. Pre-tied finger cuffs are made of ultra-suede.
- Each Base 2<sup>TM</sup> Outrigger Kit includes all the parts needed for one or more styles of dynamic splints. These kits allow the convenience of having all the necessary components for a specific dynamic splint together in one kit.
- Aluminum components in various lengths are sold separately to create customized contoured outriggers.
- Outriggers can be bent easily by hand or with pliers.
- Instructions and suggested splint patterns are included with each Base 2<sup>TM</sup> Outrigger Kit.
- Thermoplastics are sold separately.



*Kits #1-4 include all the components needed for one splint. The additional parts listed below are available separately.*

NC12830-0	(3) 7" straight aluminum
NC12830-1	(3) 5" straight aluminum
NC12830-2	(2) 4" curved multi-digit
NC12830-3	(2) 2" straight aluminum
NC12830-4	Accessory kit:
	(5) line guides
	(3) wing nuts
	(5) thumb screws
NC12830-11	(10) Line guide (all plastic)
NC12830-6	(3) 7" curved outrigger
NC12830-7	(3) 7" curved outrigger w/ foot
NC12830-8	(3) 5" curved outrigger w/ foot
NC12830-10	(3) 5" curved outrigger
NC12762	(10) Thumb screws

*Thermoplastics not included with kits.*

## BASE 2<sup>TM</sup> OUTRIGGER STARTER KIT

*Get started with this convenient kit.*

- (1) 7" straight aluminum
- (1) 5" straight aluminum
- (1) 2" straight multi-digit attachment
- (1) 7" curved outrigger
- (1) 7" curved outrigger w/ foot
- (1) 5" curved outrigger w/ foot
- (1) 5" curved outrigger
- (1) 4" curved multi-digit attachment
- (10) Pre-tied ultra-suede finger slings
- (10) 3" Ultra-suede finger slings w/ grommets
- (10) 4" Ultra-suede finger slings w/ grommets
- (10) Thumb screws
- (10) Line guides

NC12840

NC12829

Manual



## BASE 2<sup>TM</sup> SINGLE FINGER EXTENSION KIT



Kit #1

- (1) 5" curved outrigger w/ foot
- (2) Line guides
- (3) Thumb screws
- (1) Pre-tied cuff

NC12820

## BASE 2<sup>TM</sup> MULTI-DIGIT MP EXTENSION KIT



Kit #2

- (1) 5" curved outrigger w/ foot
- (1) 4" multi-digit curved bar
- (4) Line guides
- (3) Thumb screws
- (1) Wing nut
- (4) Pre-tied cuffs

NC12821

## BASE 2<sup>TM</sup> THUMB EXTENSION KIT



Kit #3

- (1) 7" curved outrigger
- (1) Line guide
- (2) Thumb screws
- (1) Pre-tied cuff

NC12822

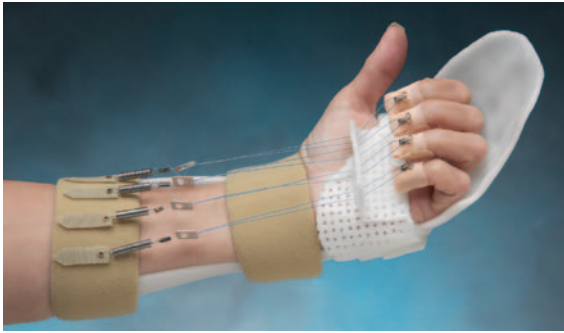
## BASE 2<sup>TM</sup> MULTI-DIGIT FLEXION KIT



Kit #4

- (1) 7" curved outrigger
- (1) 2" straight cross bar
- (4) Line guides
- (3) Thumb screws
- (1) Wing nut
- (4) Pre-tied cuffs

NC12823



## FLEXOR TENDON REPAIR SPLINT KIT

*Save time and energy making a custom splint for flexor tendon repair.*

- Precut pattern makes fabrication quick and easy.
- The unique palmar bar provides palmar arch support and minimizes distal splint migration. It also detaches and slides off the splint easily so exercising is less cumbersome within the dorsal splint.
- Bring the pre-tied monofilament lines of the Gyovai Finger Springs™ through the guiding holes of the perforated palmar bar and attach them to the finger hooks within minutes.
- To size, measure MP circumference.

		MP Circumference	
NC22617-1	Small	Less 7"	(Less 18cm)
NC22617-2	Medium	7" to 8"	(18 to 20cm)
NC22617-3	Large	8" to 9½"	(20 to 24cm)

Kit includes:

- (1) pre-cut dorsal blocking splint 1/8" (3.2mm) Encore™
- (1) palmar bar 1/8" (3.2mm) perforated Encore™
- (4) Gyovai Finger Springs™ (hook)
- (4) Stick-On™ Finger Hooks
- (2) Alpha Splint Straps™
- (4) Line Stoppers (small hole)
- (1) hook and loop piece

Instructions included.



## 3-POINT® FOAMWRAP™ FINGER TRAPPERS™

*The most comfortable way to apply traction for post-op or dynamic splinting applications.*

- Material is breathable and cool to wear.
- Easy to customize for optimal fit.
- Designed for maximum adjustability and ease of fit.
- Eyelets allow application of traction lines.
- Circumferential design assists with edema control.
- Can be washed repeatedly and is long lasting with proper care.

NC58757-5 Pkg. of 5

NC58757-25 Pkg. of 25

## FINAL FINGER FLEXION SPLINT KIT

*Use Splint-Tuner™ to provide static progressive composite finger flexion.*



Kit includes:

- (1) Splint-Tuner™, (NC22601) shown at right.
- (1) Precut, hand-based splint pattern made of 3/32" (2.4mm) thermoplastic material. Sized to fit a medium to large hand. Trim as needed.
- (4) 2" x 1" (5.1 x 2.5cm) finger sling pieces made of 3/32" (2.4mm) thermoplastic material
- (1) 2" x 1" (5.1 x 2.5cm) piece of 3/32" (2.4mm) thermoplastic material
- (1) 1" x 6" (2.5 x 15cm) Velcro® Loop strap
- (4) Metal eyelets (line guides)
- (1) 1" x 3" (2.5 x 7.6cm) Velcro® Sticky Back® Hook
- (1) 36" (91cm) of 20 lb. (9.1kg) Braided Outrigger Line

Splint two digits using all components included in the kit.

Instructions included.

NC22610



## SPLINT-TUNER™

### STATIC PROGRESSIVE TENSION ADJUSTER

*Superior, sustained tension adjusts with a turn of the thumb screw.*

- Delivers the appropriate force for progressive ROM increases.
- Turn the thumb screw to make precise tension adjustments.
- See a kit to the left that contains all the components necessary to fabricate static progressive splints.
- Thermoplastic splinting material sold separately.



NC22600 (4)

NC22601 (1)

## STATIC PROGRESSIVE TENSION ADJUSTER KITS

*Kits save time and offer proven progressive tension results.*

- Each kit contains all the materials that are needed to fabricate a static progressive splint.
- Each kit fits all sizes. Helps eliminate inventory stocking.
- See photo above for thumb flexion with the Splint-Tuner™.



# SHOULDER SUPPORTS AND SLINGS

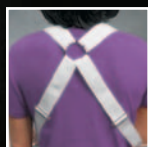


Figure-8 back strap for stability.



## STANDARD HEMI ARM SLING

*Elbow-securing strap gives extra support.*

- Supports the hand, arm and shoulder.
- Straps are adjusted easily with metal buckles. Adjustable strap between forearm cuffs is secured with hook and loop fasteners.
- Once fitted, the sling can be donned and doffed without assistance.
- Wrist cuff measures 9½" x 5½" (24 x 14cm). Elbow cuff measures 10" x 5" (25 x 13cm).
- Hand wash and air dry. Latex free.
- Fits left or right arm.

NC16006



## HARRIS HEMI ARM SLING

*D-ring sternum strap makes this sling easy to don and doff.*

- Designed to prevent straps from slipping or riding up the neck.
- Useful in the rehabilitation of clients with CVA, humeral fractures or shoulder-girdle weakness.
- Wrist cuff measures 8½" x 5¼" (22 x 13cm). Elbow cuff measures 9½" x 7½" (24 x 19cm).
- Fits chests that measure up to 52" (132cm).
- Hand wash and air dry. Latex free.

NC16001-L Left  
NC16001-R Right

*Padded cuffs and shoulder strap increase comfort.*



## CVA SLING

*Padded sling strap cushions the shoulder.*

- Foam-padded shoulder strap ensures a comfortable fit. Two flannel-lined cuffs support the hand and forearm.
- After the initial fitting, this sling can be donned and doffed without assistance.
- Small/Medium strap measures 25" (64cm) long. Large/X-Large strap measures 32" (81cm) long. Both sizes can be adjusted plus or minus 5" (13cm).
- Cuffs measure 15" x 5¾" (38 x 15cm).
- Hand wash and air dry. Latex free.
- Fits left or right arm.

NC16004-1 Small/Medium  
NC16004-2 Large/X-Large



## NORCO™ SHOULDER IMMOBILIZER

*Deep-pocket sling comfortably limits shoulder motion.*

- Waist and shoulder straps are made of soft, foam-padded, loop-covered material. Straps secure easily using large D-rings and hook fasteners.
- Use following shoulder separation, dislocation, strains and other injuries.
- Waist strap holds the arm against the body, limiting shoulder movement. Special thumb loop inside the sling helps keep wrist and hand in alignment.
- Soft cotton sling supports the arm from the elbow to the wrist.
- Hand or machine wash and air dry.
- Fits either the left or right arm.
- Latex free.

		Sling Length	Waist Strap Length
NC16008-1	S	16" (41cm)	36" (91cm)
NC16008-2	M	16" (41cm)	39" (99cm)
NC16008-3	L	16" (41cm)	43" (109cm)

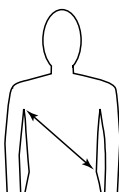
## NORCO™ HEMI SLING

*Reduces shoulder subluxation with three points of control.*

- Shoulder and humeral supports are made of soft, perforated, suede-like material lined with cotton for added comfort. Firm, trilaminar foam material offers excellent pressure distribution at the waist.
- Unique waist belt design eliminates pressure on the uninvolved arm and maintains constant depression of the scapula and elevation of the humerus to reduce subluxation. Ideal for rehabilitation of conditions such as CVA, post humeral fracture, brachial plexus injury and shoulder-girdle weakness/flaccidity.
- Trim for a custom fit.
- Sling can be donned and doffed independently and worn over or under clothing.
- D-ring straps on the humeral cuff ensure a proper fit.
- Universal design fits left or right arm.
- Latex free.

NC15999 Small/Medium 16" to 22" (41 to 56cm)  
NC16000 Medium/Large 22" to 28" (56 to 71cm)

Each size



## Sizing Guidelines for Hemi Sling

Measure from the affected axilla across the body to the lateral waist. When measuring females, run tape between, not over, the breasts.



*Unlike other slings, the Hemi Sling distributes pressure evenly to reduce shoulder subluxation with three points of control.*



*Textured material helps prevent the Hemi Sling from sliding up or down the arm.*



## SNOOPY® ARM SLING



*Ideal for treating brachial plexus injury.*

- Supports the hand, arm and shoulder.
- Can be used for the rehabilitation of conditions such as CP, post humeral fracture, brachial plexus injury and shoulder-girdle weakness/flaccidity.
- Strap adjusts with a metal buckle and secures with hook and loop. Sizes measure sling dimensions.
- Hand wash and air dry. Latex free.
- Fits left or right arm.

NC16009-1	Pediatric XS	5" x 10" (13 x 25 cm)
NC16009-2	Pediatric S	6" x 12" (15 x 30 cm)
NC16009-3	Pediatric M	7" x 15" (18 x 38 cm)
NC16009-4	Adult	9" x 17" (23 x 43 cm)

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## ABDUCTOR SHOULDER SLING SUPPORT

*Secures arm and shoulder in an abducted position for effective healing and comfort.*

- Made of dense, contoured foam with a removable cover.
- Use following shoulder dislocations or subluxations, strains, post-surgical anterior shoulder repairs and rotator cuff repairs. Great for cast forearms and wrists.
- Allows the arm to rest in a range of positions. Pillow location helps prevent internal rotation contractures that can occur from conventional sling use.
- Arm positioning allows air exchange at the axilla and provides 15° of shoulder abduction.
- All straps have hook and loop fasteners for easy adjustment. Strap secures the pillow to the waist, stabilizing the arm close to the body and limiting shoulder movement.
- Arm sling is made of breathable, non-stretch mesh fabric and attaches to either side of the pillow with hook and loop fasteners. Shoulder strap features a soft foam pad at the neck area, and a quick-release buckle for easy donning and doffing.
- The detachable 3" (7.6cm) diameter soft foam ball provides wrist-hand-palmar arch support and promotes gripping to help maintain muscle tone and stimulate circulation while the shoulder recovers.
- Hand wash and air dry pillow, straps and sling.
- Fits left or right.
- To size, measure from the elbow crease to the MP joints.



### Elbow to MP joints

NC16012-1	Small	11½" to 13½" (29 to 34 cm)
NC16012-2	Medium	13½" to 14½" (34 to 37 cm)
NC16012-3	Large	14½" to 16½" (37 to 42 cm)



## OTTO BOCK™ SHOULDER SUPPORT

*Elastic shoulder support provides warmth and a conforming fit.*

- Made of 1/8" (3.2mm) Thermoprene™. Use to treat inflammation, pain or mild instabilities of the shoulder joint. Elastic strap and D-ring attachment in front allow for easy donning and doffing, and help prevent discomfort and pinching under the opposite arm. Sleeve opening allows for a custom fit around arm.
- Hand wash, air dry. Secure hook and loop before washing. Fits either the left or right shoulder. Latex free.
- To size, see chart below. Refer to biceps sizing as primary.

		Biceps Circumference	Arm/Chest Width
NC17198-0	X-Small	9½" to 11" (24 to 28 cm)	17" to 23" (43 to 54 cm)
NC17198-1	Small	11" to 12½" (28 to 32 cm)	18" to 25" (46 to 64 cm)
NC17198-3	Medium	12½" to 13¾" (32 to 35 cm)	18" to 25" (46 to 64 cm)
NC17198-5	Large	13¾" to 15" (35 to 38 cm)	20" to 27" (51 to 69 cm)
NC17198-7	X-Large	15" to 16½" (38 to 42 cm)	25" to 32" (64 to 81 cm)

*To ensure optimal fit, measure the arm/chest width as shown.*



## ARCO™ SHOULDER SUPPORT

*Dynamic orthosis allows protected shoulder motion.*

- Provides support for painful, weak, unstable or hypermobile shoulders. Ideal for orthopedic and neurological conditions. Can be worn under clothing.
- Adjust the three non-stretch straps to restrict shoulder motions such as retraction of the scapula, while limiting rotation and abduction for subluxation conditions. Straps require minimal tightening so the risk of circulatory problems is decreased. Chest strap is padded under the axilla for added comfort. Sleeve opening with "grip" liner allows better humeral fit and less migration.
- Soft, padded material balances temperature extremes. Hand or machine wash and air dry. Latex free.
- Fits either the left or right arm.
- To size, Refer to biceps sizing as primary.



		Biceps Circumference	Arm/Chest Width
NC17199-0	X-Small	9½" to 11" (24 to 28 cm)	17" to 23" (43 to 54 cm)
NC17199-1	Small	11" to 12½" (28 to 32 cm)	18" to 25" (46 to 64 cm)
NC17199-2	Medium	12½" to 13¾" (32 to 35 cm)	18" to 25" (46 to 64 cm)
NC17199-3	Large	13¾" to 15" (35 to 38 cm)	20" to 27" (51 to 69 cm)
NC17199-4	X-Large	15" to 16½" (38 to 42 cm)	25" to 32" (64 to 81 cm)



# ELBOW AND SHOULDER SUPPORTS/SLINGS



## NEW GIVMOHR™ SLING

*Supportive positioning and protection for the flaccid upper extremity.*

- The GivMohr™ Sling is designed to promote functional positioning and dynamic joint compression of the upper extremity during standing and ambulation.
- Useful in treatment of conditions such as stroke, TBI, Brachial Plexus Injury and ALS.
- Reduces shoulder subluxation and pain by elevating the humerus and holding it in near neutral rotation.
- Protects the involved arm from injury while facilitating increased balance, improved gait, and neurological return.
- Easy to don and doff. Can be worn over or under clothing. Hand washable.
- Universal design fits either the left or right arm.
- To size, use height and weight ranges in the chart below.



		Height Range	Weight Range
NC16013-0	X-Small	Under 5' (Less 1.5m)	Under 100 lbs. (Less 45kg)
NC16013-1	Small	5' to 5'4" (1.5 to 1.6m)	100 to 140 lbs. (45 to 64kg)
NC16013-2	Medium	5'3" to 5'10" (1.6 to 1.8m)	135 to 185 lbs. (61 to 84kg)
NC16013-3	Large	5'10" to 6'4" (1.8 to 2.0m)	180 to 235 lbs. (82 to 107kg)
NC16013-4	X-Large	Over 6' (Over 2m)	Over 235 lbs. (Over 107kg)

## SAUNDERS POSTURE S'PORT®

*Prevents stooped shoulders, reminding the wearer to maintain good posture.*

- The comfortable Posture S'port® anchors around the waist with an adjustable elastic band. The suspender-style elastic straps criss-cross over the back to gently pull the shoulders, spine and lower back into neutral position, decreasing shoulder and back pain.
- Can use to help with Thoracic Outlet Syndrome and post clavical injuries.
- The elastic underarm straps are covered with soft, cotton fabric to prevent pinching or binding.
- Can be worn over or under clothing.
- To size, measure waist circumference.

		Waist Circumference
NC92454	Small	22" to 30" (56 to 76cm)
NC92455	Medium	30" to 42" (76 to 107cm)
NC92456	Large	42" to 54" (107 to 137cm)



*Can be used as a swathe to allow forearm, wrist or hand function.*

## SLING AND SWATHE

*Comfortable immobilization for shoulder injuries or post-op recovery.*

- Use following shoulder dislocations, separations, strains, or post operative situations where complete immobilization of the shoulder joint is required. Positions the arm close to the body.
- May be opened for use as a swathe when forearm, wrist and hand function are desired.
- Light-weight and comfortable soft foam construction with hook and loop closures.
- Easy to apply. Can be worn on either the left or the right arm.
- One size fits most adults.

NC16014



## NEW FOUR-WAY CLAVICLE STRAP

*Economical support with padded straps for wearing comfort over clavicle.*

- Strap of orthopedic polyester felt covered with cotton stockinette.
- Closure in back using D-ring and hook and loop over felt pad. Helps pull shoulders back.
- Intended to be worn under clothing.
- Hand wash air dry.
- To size measure from center back, up over shoulder, around underneath arm and back to center of back.

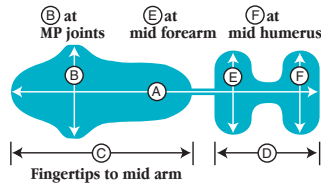
		Sizing
NC92469-1	Infant	8" to 13" (20 to 33cm)
NC92469-2	Pedi	14" to 17" (36 to 43cm)
NC92469-3	SM	15" to 20" (38 to 51cm)
NC92469-4	Med	18" to 25" (46 to 64cm)
NC92469-5	LG	22" to 29" (56 to 74cm)
NC92469-6	XL	25" to 33" (63 to 84cm)

## COMFY™ ELBOW AND ARM POSITIONER

Two part malleable internal frame orthosis extends the hand and elbow simultaneously.

- Flexibility and multiple functions make this orthosis ideally suited for the severely contracted hand.
- Use for gradual extension of the spastic elbow, clenched finger, wrist or hand. Useful in the treatment of deformities caused by CP, CVA, disuse atrophy or neurological disorders.
- Improves range of motion and positioning for functional use and prevents flexion contractures.
- Fully adjustable. Supinated hand can be rotated to accommodate to neutral.
- Fits either the left or right hand. Color-coded pediatric sizes. Adult size fits most adults.
- The covers and straps on this positioner are made of soft, absorbent terry cloth. Covers and straps are machine washable. Insert can be cleaned by wiping with a solution of warm water and disinfectant or detergent. Latex free.

NC55520-1	Small Child	Purple
NC55520-2	Medium Child	Blue
NC55520-3	Large Child	Green
NC55520-A	Adult	Navy



### Sizing

Orthosis generally fits little more than half the circumference of the supported area.

### Splint Dimensions

Child	A	B	C	D	E	F	Rod adjustment
Small	12" to 12½"	5"	5½"	6½"	5"	5"	0" to ½"
Medium	13" to 13½"	5½"	6"	7½"	5½"	6"	0" to ½"
Large	15½" to 16½"	5½"	7½"	8"	6"	6"	0" to 1"
Adult	19½" to 21½"	6½"	9½"	10½"	7"	7"	0" to 2"

Orthosis and cuffs bend into the desired position.



## COMFY™ PEDIATRIC ELBOW ORTHOSIS

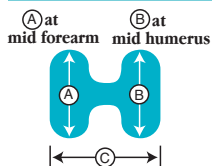
Provides gradual extension of non-fixed elbow contractures.

- Use to treat elbow flexion pattern problems, arthritic changes and any deformity related to neuromuscular impairment.
- Simply bend the orthosis and cuffs into the desired position.
- Padded removable covers and straps are made of soft, absorbent terry cloth for added comfort. Machine washable.
- Fits left or right arm. Sizes indicate approximate age.
- Latex free.

Pediatric	Approximate Age
NC35040-1 Small	1 to 4 yrs.
NC35040-2 Medium	4 to 9 yrs.
NC35040-3 Large	9 yrs. to adult

### Splint Dimensions

Child	A	B	C
Small	5" (13cm)	5" (13cm)	6" (15cm)
Medium	5½" (14cm)	5½" (14cm)	8" (20cm)
Large	6" (15cm)	6" (15cm)	8" (20cm)
Adult	7" (18cm)	7" (18cm)	10½" (27cm)



## FREEHAND DEX DYNAMIC ELBOW EXTENSION BRACE

Low profile, lightweight, dynamic support can be used for a variety of elbow conditions.

- Ideal for treatment of cubital tunnel syndrome by preventing prolonged elbow flexion. Specially designed to avoid any pressure on the ulnar nerve.
- Side coils provide dynamic extension force to return the temporarily flexed elbow to extension even during sleep.
- Allows momentary elbow flexion against slight resistance for functional arm use, which can help maintain or gently strengthen the biceps.
- Coils and side pieces are made of preformed bendable wire encased in tubing, easily modified by hand for a custom fit. Cross bars are made of leather covered moldable metal which contours around the arm.
- Open design results in minimal skin contact and allows the arm to remain cool and dry, promoting longer comfortable wear.
- Removable straps have hook-loop fasteners for greater adjustability.
- The two sizes of splint fits arms of all lengths and girths. Fits either left or right elbow.
- Latex free.

HW469-S/M Fits most women and smaller men

HW469-L/XL Fits most men and larger women

\*Original design by Roy A. Meals, MD



# ELBOW ORTHOSES



## PROGRESS™ ELBOW ORTHOSIS

Encourage progressive range of motion at the elbow simply by recontouring the orthosis.

- The Progress™ Elbow Orthosis combines a malleable metal frame with dense foam padding, providing the comfort of a lightweight, soft splint and the support of molded plastic.
- Metal frame allows custom contouring of the trough sections and positioning of the elbow from full extension to 90° flexion via an anterior application. Flexion beyond 90° is achieved via posterior application with minor modifications.
- Includes four straps with D-ring buckles and Velcro® strap tabs that secure the splint and apply counterforce in the presence of increased muscle tone.
- Use the optional Olecranon Pad with the Progress™ Elbow Orthosis to add cushioned counterforce at the elbow. The Olecranon Pad is made of dense foam and compatible hook fabric. The Pediatric Elbow Orthosis includes a Pediatric Olecranon Pad.

- Latex free.
- To size, measure biceps circumference at the mid-humerus. If between sizes, choose the larger size.

		Biceps Circumference	Orthosis Length
NC25653	Pediatric (Includes Pediatric Olecranon Pad)	5½" to 7" (14 to 18 cm)	11" (28 cm)
NC25650	Youth	7" to 9" (18 to 23 cm)	12½" (32 cm)
NC25651	Small/Medium	9" to 13" (23 to 33 cm)	14" (36 cm)
NC25652	Medium/Large	13" to 16" (33 to 41 cm)	16½" (42 cm)
NC25649	Youth/Adult Olecranon Pad		

Achieve up to 0° extension.



## PROGRESS-PLUS™ ELBOW TURNBUCKLE ORTHOSIS

Simplify contracture management.

- Outer shell is made of Kydex® for optimal force distribution, stability and durability.
- Removable liner is made of neoprene padding with a soft, nylon covering.
- Improves range of motion by providing static progressive positioning of the elbow. Simply screw the included turnbuckle in or out to apply the desired level of force. Ideal for post-surgical repairs, contractures or abnormal tone conditions affecting the elbow.
- Provides infinite adjustability. Turn the turnbuckle to position the elbow between 0° extension and 110° flexion. Move the turnbuckle end to the proximal hole to obtain maximal extension or to the distal hole to obtain up to 110° flexion. No tools are needed for adjustments.
- Order optional turnbuckle if greater end force is needed. For final flexion use one size smaller and for final extension, use one size larger turnbuckle.
- D-ring Velcro® straps provide easy application and cinching for proper fit. Slip-on pads on the straps provide optimal comfort and support across the arm.
- Shell can be cleaned with soap and water. Liner may be machine washed and air dried.
- Fits either the left or right arm.
- Large size orthosis weighs 1 lb., 5 oz. (595g).
- Latex free.
- To size, measure circumference at the forearm and at the biceps (see chart, right).

Achieve up to 110° flexion.



### Sizing Chart

Forearm Circumference		
Small	7½" to 9½"	(19 to 24 cm)
Medium	9½" to 12"	(24 to 30 cm)
Large	12" to 15"	(30 to 38 cm)
Biceps Circumference		
Small	8½" to 11"	(22 to 28 cm)
Medium	11" to 14"	(28 to 36 cm)
Large	13" to 16½"	(33 to 42 cm)
Orthosis Length		
NC33800	Small	12" (30 cm)
NC33801	Medium	14¾" (37 cm)
NC33802	Large	16¼" (41 cm)
Optional Turnbuckle (see page 51)		
NC33799-TB	Mini	
NC33800-TB	Small	
NC33801-TB	Medium	
NC33802-TB	Large	



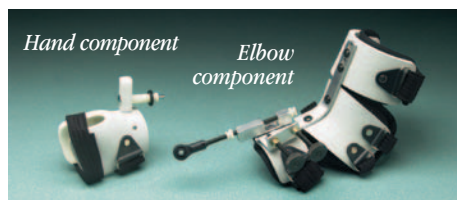
## PROGRESS-PLUS™ PRONATION/SUPINATION ORTHOSIS

*Provides infinite, static progressive positioning of the forearm in pronation or supination.*

- Orthotic shells are made of Kydex® for optimal force distribution, stability and durability. Can be modified slightly using a heat gun.
- Ideal for managing contractures due to neurological disorders, muscle hypertonicity or orthopedic conditions affecting the forearm. Recommended for serial splinting to increase range of motion or for post-operative use to limit or prevent forearm rotation.
- A removable, neoprene liner is included with the elbow component.
- D-ring hook and loop straps provide easy application and cinching for a proper fit. Neoprene pads slip onto the straps, providing optimal comfort and support across the arm.
- Anterior arm design facilitates self-donning and doffing and lets the arm rest on a tabletop for greater functional use and comfortable positioning.
- Elbow is held static at approximately 60° flexion. Hand component has a molded palmar arch for better fit and allows mid-range wrist motion.
- Fits left or right arm. To size elbow component, measure biceps circumference. To size hand component, measure width at the MP joints. Some assembly required. Clean with soap and water.
- Large size weighs 1 lb., 12 ozs. (794g).
- Patent number 6,179,799.
- Latex free.

Elbow Component				Biceps Circumference	
Left	Right				
NC14040-1	NC14040-2	Small		8½" to 11"	(22 to 28cm)
NC14040-3	NC14040-4	Medium		11" to 13½"	(28 to 34cm)
NC14040-5	NC14040-6	Large		13½" to 16"	(34 to 41cm)
Hand Component				MP Width	
Left	Right				
NC14041-1	NC14041-2	Small		2¾" to 3"	(7.0 to 7.6cm)
NC14041-3	NC14041-4	Medium		3" to 3½"	(7.6 to 8.9cm)
NC14041-5	NC14041-6	Large		3½" to 4"	(9 to 10cm)

Note: For a complete orthosis, order both the hand and elbow components. Each component is sold separately.



## PROGRESS-PLUS™ ELBOW HINGE ORTHOSIS

*Locks elbow in position or allows movement within a given range.*

- Bilateral hinges provide full range of motion, and adjust in 30° increments. Achieve in-between positions by adjusting the strap tension. Attain blocked or full range of motion in one or both directions.
- Use the included hex wrench to adjust the two hinge screws and set the desired angle of flexion and extension.
- Bend padded cross supports for best fit. Trim foam padding as needed.
- Protective covers over the hinge axis offer a comfortable fit.
- Includes durable straps with matching D-ring buckles and Velcro® tabs.
- Fits either the left or right arm. To size, measure the circumference at the mid-humerus. Latex free.

Hinge Splint	Mid-Humerus Circumference
NC25657 Small/Medium	8" to 11" (20 to 28cm)
NC25658 Medium/Large	11" to 14" (28 to 36cm)

## DYNAMIC ATTACHMENT FOR PROGRESS-PLUS ELBOW HINGE ORTHOSIS

*Makes splinting distal biceps tendon repairs fast and efficient.*

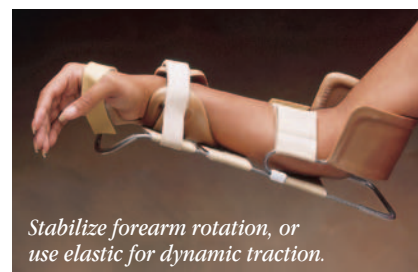
- Ideal for post surgical or neuromuscular conditions affecting the elbow.
- Use to reduce elbow extension contractures or to maintain the elbow in flexion while allowing protected extension within a given range for tendon repair conditions.
- Includes two unique mounting brackets similar to the Dynamic Elbow Flexion Splint Kit (NC15445, see page 52). Shorten the elastic cord length between the two mounting brackets to control the amount of flexion range and/or resistive extension force.
- Use only with the Progress™ Plus Elbow Hinge Orthosis (sold separately above).

NC25661

## LMB WIRE-FOAM™ PRONATION/SUPINATION SPLINT

*Effective, lightweight splint used to increase forearm rotation.*

- May be used for positioning or restoring forearm rotation post-operatively or following a fracture or crush injury.
- This lightweight forearm splint supports the elbow at 90°. Hook and loop fasteners hold the forearm in pronation or supination.
- Elastic may be used for dynamic traction.
- Fits either the left or right arm.
- Latex free.
- To size, measure length from the olecranon to the volar wrist crease.



	Forearm Length
L4003-C	8" to 10½" (20 to 27cm)
L4003-D	10¾" to 13" (27 to 33cm)



# ELBOW AND FOREARM ORTHOSES

Available in adult and pediatric sizes.



Forearm Pronation



Forearm Supination



Glove acts as a web space splint.

## COMFORT COOL™ SPIRAL ARM SPLINT



*Provides thumb abduction and dynamic forearm pronation or supination.*

- The 2" (5.1cm) wide spiral forearm strap is made of 1/8" (3.2mm) loop neoprene and easily attaches to the glove using Velcro® hook.
- Helps decrease abnormal tone and increase joint range of motion in persons with neurological disorders, orthopedic conditions and brachial plexus injuries.
- The strap supplies the dynamic force needed for forearm supination or pronation, depending on its spiral placement on the arm. Neoprene can be trimmed for a custom fit. Applies a prolonged, gentle pull that places the upper extremity into a more functional position.
- Includes low-cut glove with wraparound strap, which assists with thumb abduction. This **Web Space Glove** is also available separately as a replacement, or it can be used on its own.
- Ideal for widening thumb web space due to muscle tone imbalance or contractures. Glove is made of 1/16" (1.6mm) perforated, loop neoprene with a terry cloth liner for comfort and coolness.
- Hand wash and air dry.
- Latex free.

Left	Right	MP Circumference
NC34800	NC34801	Pediatric 5 1/2" to 6 1/4" (14 to 16cm)
NC34802	NC34803	Small 6 1/4" to 7" (16 to 18cm)
NC34804	NC34805	Medium 7" to 8" (18 to 20cm)
NC34806	NC34807	Large 8" to 9" (20 to 23cm)

### Web Space Glove Replacement

Left	Right	
NC34800-H	NC34801-H	Pediatric
NC34802-H	NC34803-H	Small
NC34804-H	NC34805-H	Medium
NC34806-H	NC34807-H	Large



Removable thermoplastic insert limits flexion and allows elbow extension.

## COMFORT COOL™ ULNAR NERVE ELBOW PROTECTOR WITH GEL PAD

*Allows greater functional use of the arm because the elbow is not totally immobilized.*

- Made of 1/16" (1.6mm) perforated neoprene with a soft terrycloth liner. Circumferential design with open proximal end is easy to put on and adjust.
- Provides protection and support for bursitis, ulnar nerve irritation, tendinitis and post-surgical repair.
- Mold the precut, 1/8" (3.2mm) Prism™ splint insert to custom fit the elbow at the flexion limit. Design allows the elbow to move from full extension to the limited flexion position, protecting the ulnar nerve from damaging tension.
- Removable gel pad protects the vulnerable posterior elbow from painful bumps and pressure points.
- Hand wash and air dry.
- Latex free.
- If between sizes, choose the larger size.



*Includes thermoplastic insert, neoprene support and gel elbow pad.*

		Forearm Circumference
NC33850-1	Small	8" to 9 1/2" (20 to 24cm)
NC33850-2	Medium	9 1/2" to 11" (24 to 28cm)
NC33850-3	Large	11" to 12 1/2" (28 to 32cm)
NC33850-4	X-Large	Over 12 1/2" (Over 32cm)



## PIL-O-SPLINT® ELBOW SUPPORT

*Soft, adjustable wrap promotes comfortable elbow extension.*

- Made of breathable foam covered with soft fabric for cushioned support.
- Helps relieve pain associated with cubital tunnel syndrome, sprains, tendinitis and tennis elbow.
- Dual Velcro® straps allow easy compression adjustments with one hand.
- The removable, hard plastic stay lies lateral to the elbow and helps block elbow flexion.
- **Standard** measures 11 1/4" (29cm) long.
- **X-Large** measures 13" (33cm) long.
- Machine washable.
- Latex free.



Removable plastic stay.

		Forearm Circumference
NC10113	Standard	Up to 11" (28cm)
NC10115	X-Large	Over 11" (28cm)



## HEELBO® ELBOW PROTECTOR

*Conforms around bony prominences.*

- **Standard** model has an air-cushioned polyurethane foam pad with a tricot lining.
- **Gel Pad** model provides additional protection against shock and vibration.
- Protects elbow or heel from abrasion and promotes healing of pressure ulcers.
- Machine or hand wash. Air dry.
- Sold in pairs. Both styles are latex free.

Standard	Gel Pad		Elbow/Heel Circumference
NC15961-1	NC15961	Small	7" (18cm)
NC15961-2	NC15962	Medium	8" (20cm)
NC15961-3	NC15963	Large	8½" (22cm)
NC15961-4	NC15964	X-Large	9½" (24cm)
NC15961-6	NC15966	XX-Large	11½" (29cm)
Standard Heelbo™ with Foam Pad			(Pair)
Heelbo™ with Gel Pad			(Pair)

*Now available in larger sizes.*



## NORCO™ ELBOW/HEEL PROTECTOR

*Economical elbow and heel protection.*

- Available in two padding styles that protect the elbow and/or heel from pressure sores or skin ulceration due to shearing forces.
- Protector offers excellent skin aeration and is ideal for intermittent use.
- The **Foam Elbow/Heel Protector** has a sewn-in foam pad that measures 6" (15cm) in diameter.
- The **Gel Elbow/Heel Protector** has a removable, shock-absorbing gel pad that measures 3½" x 6¼" (8.9 x 16cm).
- Sleeves are machine washable. Remove gel pad prior to washing. Air dry.
- Sold in pairs. Both styles are latex free.
- To size, measure circumference at the elbow crease or heel. If in between sizes, choose the larger size.

Foam Pad		Circumference Stretches to
NC58801-1	Small	Less 9" (Less 23cm)
NC58801-2	Med	9" to 11" (23cm to 28cm)
NC58801-3	Large	11" to 13" (28cm to 33cm)
NC58801-4	X-Large	13" to 15" (33cm to 38cm)
NC58801-5	XX-Large	15" to 18" (38cm to 46cm)

Gel Pad		Circumference Stretches to
NC58800-1	Small	Less 9" (Less 23cm)
NC58800-2	Med	9" to 11" (23cm to 28cm)
NC58800-3	Large	11" to 13" (28cm to 33cm)
NC58800-4	X-Large	13" to 15" (33cm to 38cm)
NC58800-5	XX-Large	15" to 18" (38cm to 46cm)



## NEOPRENE ELBOW SUPPORT

*Protects the elbow from hard surfaces.*

- Neoprene support measures 8" (20cm) long. Pad measures ¼" (13mm) thick.
- Use for treating pain or pressure caused by bursitis or nerve inflammation.
- Comfortable sleeve provides warmth to help reduce pain. Contoured neoprene pad provides support and shock absorption.
- Hand or machine wash. Air dry.
- Latex free.
- To size, measure circumference at the widest part of the forearm.

		Forearm Circumference
NC15433-0	X-Small	8" to 9" (20 to 23cm)
NC15433-1	Small	9" to 10" (23 to 25cm)
NC15433-2	Medium	10" to 11" (25 to 28cm)
NC15433-3	Large	11" to 12" (28 to 30cm)
NC15433-4	X-Large	12" to 14" (30 to 35cm)



## NORCO™ FLOTATION ELBOW PAD

*Visco-elastic foam distributes pressure evenly.*

- Visco-elastic foam cushion with a knitted cotton, Orlon® and Lycra® sleeve.
- Use to protect the elbow from pressure sores or to lessen nerve hypersensitivity.
- Snug-fitting sleeve reduces migration of the pad on the arm.
- Pad measures 8" x 5½" x ½" (20 x 14 x 1.3cm) and sleeve measures 13" (33cm).
- Hand wash and air dry. Remove cushion prior to washing.
- Sold in pairs.
- Latex free.
- To size, measure circumference at elbow crease.

		Elbow Circumference
NC44889	Regular	9½" to 10½" (24 to 27cm)
NC44890	Large	10½" to 12" (27 to 30cm)



## SILIPOS® HEEL/ELBOW SLIPOVER

*Gel pad helps insulate against shock and vibration.*

- Tubular polyester sleeve with a polymer gel disc impregnated in the fabric.
- Use on the heel or elbow for comfortable pressure relief.
- Sold individually.
- Latex free.
- The small size measures 8" (20cm) long. The large size measures 10" (25cm) long.
- To size, measure circumference at elbow crease.

		Elbow Circumference
NC83022	Sm./Med.	11" to 13" (28 to 33cm)
NC83023	Lg./X-Lg.	13" to 15" (33 to 38cm)



# ELBOW/FOREARM SUPPORTS



## COMFORT COOL™ OPEN ELBOW SUPPORT

*Lightweight, open-end neoprene splint provides warmth and is easy to don and doff.*

- Thin, lightweight  $\frac{1}{16}$ " (1.6mm) perforated neoprene provides light compression and protection for the sensitive elbow. Lined with soft terry cloth.
- Ideal for soft tissue injuries such as tennis or golfer's elbow, ulnar nerve irritation, strains, sprains, bursitis, tendinitis and arthritis.
- The open-end design makes this elbow wrap easy to apply and fit even large upper arms. Hook and loop tabs allow for quick-fitting adjustments.
- Neoprene can be trimmed easily for a custom fit.
- Hand wash and air dry.
- Fits either the left or right elbow.
- Latex free.
- If in between sizes, choose the smaller size.

		Circumference 4" (10cm) Distal to Elbow Crease	
NC79540	Small	8" to 9½"	(20 to 24cm)
NC79541	Medium	9½" to 11"	(24 to 28cm)
NC79542	Large	11" to 12½"	(28 to 32cm)
NC79543	X-Large	12½" to 14"	(32 to 36cm)



## ERGOBEADS™ TENNIS ELBOW STRAP

*Freeze compression pad for cooling relief.*

- Breathable cotton lining and soft cushioning foam provide exceptional comfort.
- Useful in alleviating pain from forearm and elbow injuries.
- Strap features a unique ergoBeads™ compression pad that can be removed and frozen for cooling pain relief. The tiny, plastic ergoBeads™ create a massaging effect that increases circulation.
- Easily adjust pressure for a custom fit using the Velcro® strap and plastic buckle.
- One size fits most. Machine wash.



NC10114



## TENDON TRAK™ TENNIS ELBOW STRAP

*Provides stress relief without applying direct compression on the irritated tissue.*

- Simple, low-profile design consists of two pads and a minimally elastic, 18" (46cm) strap.
- Ideal for alleviating symptoms of lateral and medial epicondylitis and tendinitis.
- Unique method "deloads" pressure by providing approximation of the irritated tissue from its lateral margins. This diminishes the risk of compressing the inflamed tissue and other pain-sensitive areas.
- Easy to apply and comfortable to wear. Does not inhibit circulation.
- Developed by a physical therapist. Patent pending.
- Latex free.
- One size fits most.

NC15409



## AIRCAS™ TENNIS ELBOW STRAP

*Focus compression where it counts.*

- Constructed of nylon and polyurethane foam with a single pre-inflated vinyl "air cell" that concentrates compression directly on the extensor muscle.
- Useful for treating medial or lateral epicondylitis.
- Band conforms to the contour of the arm and cushions the sensitive muscle area. Breathable material enhances comfort and wearability.
- Hand wash in cool, soapy water. Air dry.
- One adjustable size fits most forearms with a circumference of 8" to 14" (20 to 36cm).
- Latex free.

NC15430 Beige

NC15430-B Black



## VARIPAD™ TENNIS ELBOW STRAP

*Orthoprene™ keeps elbow cooler than neoprene.*

- Circumferential inner sleeve slips over the arm and stays in place for quick fastening of outer strap.
- Made of an Orthoprene™ sleeve with exterior hook and loop compression strap.
- Useful for treating medial or lateral epicondylitis.
- Adjustable interior pad applies pressure where desired.
- Wash in cool water. Air dry. Do not dry with heat or in the sun.
- Latex free.
- If between sizes, choose the larger size.

		Circumference 1" (2.5cm) Distal to Elbow Crease	
NC15420	Small	9" to 10"	(23 to 25cm)
NC15421	Medium	11" to 12"	(28 to 30cm)
NC15422	Large	13" to 14"	(33 to 36cm)



## NORCO™ UNIVERSAL TENNIS ELBOW STRAP

*Provides compression and comfort on injured forearm.*

- Made of 1/8" (32mm) nylon-lined neoprene.
- Adjusts to treat medial or lateral epicondylitis.
- Easy to fit and cinch, this strap provides compression without binding.
- Extra padding around the D-ring applies pressure where needed.
- One adjustable size fits forearms with a circumference of 7 1/2" to 13 1/2" (19 to 34cm).
- Machine washable.
- Latex free.

NC15889



## TENNIS ELBOW STRAP

*Apply pressure exactly where it is needed.*

- Made of breathable rubber laminated with nylon.
- Ideal for treating medial or lateral epicondylitis.
- The felt pad makes it easy to position pressure where needed.
- Hand wash in cool water. Air dry.
- To size, measure forearm circumference 1" (2.5cm) distal to elbow crease.
- Latex free.

NC15424	S	9" to 10" (23 to 25cm)
NC15425	M	10" to 11" (25 to 28cm)
NC15426	L	11" to 12" (28 to 31cm)
NC15427	XL	12" to 14" (31 to 36cm)



## EPILOCK® TENNIS ELBOW STRAP

*Metal bar provides added support to extensor muscles.*

- Consists of a porous, rubber-coated metal stay with a nylon cover.
- Useful for treating medial or lateral epicondylitis.
- Rigid metal bar applies pressure on both distal and proximal areas of the extensor muscles.
- Hand wash with mild soap.
- To size, measure circumference of the forearm 1" (2.5cm) distal to the elbow crease.
- Latex free.

NC54123-2	S/M	7" to 12" (18 to 30cm)
NC54123-4	L/XL	12" to 15" (30 to 38cm)



## BANDIT® TENNIS ELBOW STRAP

*Helps relieve pain without constricting movement.*

- Useful for treating medial or lateral epicondylitis.
- Unique design compresses across the flexor, extensor and supinator muscles.
- Allows movement without compromising circulation.
- Hand wash. Air dry.
- One adjustable size fits forearms with a minimum circumference of 8" (20cm).
- Latex free.

NC15890



## EPICONDYLITIS CLASP

*Small size allows for better circulation.*

- Made of sturdy plastic, and lined with absorbent wool felt.
- Useful for treating medial or lateral epicondylitis.
- Sturdy elastic strap provides a snug fit. Small, unobtrusive size will not impair circulation.
- Wash with wool-cleaning products.
- Latex free.
- To size, measure circumference of the forearm 1 1/2" to 1 7/8" (3.8 to 4.8cm) distal to the elbow crease.

NC15512-1	XS	8 9/16" to 9 1/16" (22 to 23cm)
NC15512-2	S	9 7/16" to 9 13/16" (24 to 25cm)
NC15512-3	M	10 1/4" to 10 3/8" (26 to 27cm)
NC15512-4	L	11 1/16" to 11 13/16" (28 to 30cm)
NC15512-5	XL	12 3/16" to 12 3/8" (31 to 34cm)



## ECLIPSE® TENNIS ELBOW STRAP

*Helps relieve pain while maintaining support.*

- This 2" (5.1cm) wide strap has a loop-lock Velcro® closure and removable gel pad.
- Useful for treating medial or lateral epicondylitis.
- Removable 4 1/2" x 2 1/2" (11 x 6cm) gel pad can be used for hot or cold therapy.
- Pad and strap provide excellent compression where needed.
- Hand wash and air dry the strap.
- Latex free.
- One adjustable size fits forearms with a circumference of 7" to 18" (18 to 46cm).

NC15432	Strap with pad
NC15432-1	Extra pad



## COUNT'R-FORCE®

### LATERAL TENNIS ELBOW BRACE

*Maximal support for lateral epicondylitis.*

- Made of latex foam padding with a nylon backing.
- Use to treat lateral epicondylitis.
- Curved design and dual-tension straps permit wide distribution of pressure.
- Non-elastic construction provides maximum support and pressure.
- Hand wash. Lay flat to dry.
- To size, measure circumference of the forearm 1" (2.5cm) distal to the elbow crease.

NC15340-1	S	8 1/2" to 9 1/2" (22 to 24cm)
NC15340-2	M	9 1/2" to 10 1/2" (24 to 27cm)
NC15340-3	L	10 1/2" to 11 1/2" (27 to 29cm)
NC15340-4	XL	11 1/2" to 12 1/2" (29 to 32cm)



## COUNT'R-FORCE®

### MEDIAL ELBOW BRACE

*Maximal support for medial epicondylitis.*

- Made of latex foam padding with a nylon backing.
- Use to treat medial epicondylitis.
- Curved design and dual-tension straps permit a wide distribution of pressure.
- Non-elastic construction provides maximum support and pressure.
- Hand wash. Lay flat to dry.
- To size, measure circumference of the forearm 1" (2.5cm) distal to the elbow crease.

NC15341-1	S	8 1/2" to 9 1/2" (22 to 24cm)
NC15341-2	M	9 1/2" to 10 1/2" (24 to 27cm)
NC15341-3	L	10 1/2" to 11 1/2" (27 to 29cm)
NC15341-4	XL	11 1/2" to 12 1/2" (29 to 32cm)



# WRIST AND HAND ORTHOSES



Scan with  
smart phones  
for product  
demonstration  
and instructions

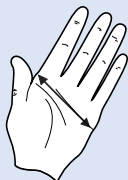
## *Progress™ Orthoses conform to individual progressive splinting needs.*

Progress™ Orthoses are ideal for persons with weakness, contractures, mild to moderate tone, or spasticity. The innovative design combines a malleable metal frame with dense foam padding for a lightweight, soft orthosis that supports like a moldable plastic splint. Orthoses are designed to flex slightly for neurological comfort and accommodation.

Change the angles of the orthosis for progressive positioning by bending with hands. No tools are needed. Hook-compatible material allows easy attachment of straps anywhere on the orthosis. Machine washable. Latex free.

*Easy, uniform sizing for all Progress™ band and wrist orthoses.*

Measure width across the MP joints at the distal palmar crease. If in between sizes, choose smaller size.



### Width at MP Joints

	Pediatric	2 1/4" to 3"	(5.7 to 7.6cm)
X-Small	3" to 3 1/4"	(7.6 to 8.3cm)	
Small	3 1/4" to 3 1/2"	(8.3 to 8.9cm)	
Medium	3 1/2" to 3 3/4"	(8.9 to 9.5cm)	
Large	3 3/4" and up	(9.5cm and up)	

### PROGRESS™ ORTHOSIS LINERS

*Included with all Progress™ orthoses (except Dorsal Anti-Spasticity).*

Designed specifically for Progress™ orthoses. Made of soft terry cloth with 1/4" (6.4mm) foam padding. Helps cushion bony, tender areas and keep the skin cool and dry. Liners attach easily with hook fasteners and can be machine washed and dried.

- Replacement liners available. Add L to the end of product number when ordering.
- Replacement straps sold on page 72.



### PROGRESS™ FINGER SEPARATORS

*Interchangeable with multiple Progress™ Orthoses.*

**Use the I.F. Separator with:**

- Palm and Wrist Protector
- I.F. Ball
- Palm Protector

NC25342

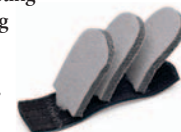


**I.F. Separator**

**Use the Dorsal Finger Separator with:**

- Dorsal Anti-Spasticity
- Functional Resting
- Neutral Resting

NC25647



**Dorsal Finger Separator**



### PROGRESS™ PALM AND WRIST PROTECTOR ORTHOSIS

*Maximum control and positioning for severely flexed hands.*

- Provides the same superior benefits as the Progress™ Palm Protector (page 93), with added wrist and forearm internal malleable frame support.
- Even the most severely flexed hand and wrist can be improved. The palmar section can be folded or rolled for progressive finger extension.
- Includes padded terry liner, two straps with D-ring buckles and Velcro® strap tabs. To size, see chart above.

Left	Right	
NC25623	NC25624	Small
NC25625	NC25626	Medium
NC25627	NC25628	Large



Replacement Finger Separator  
NC25629



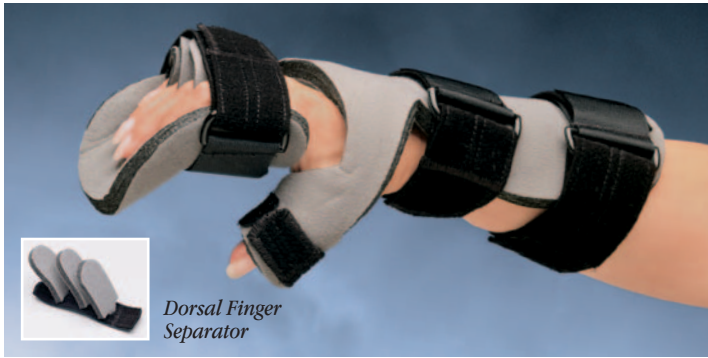
### PROGRESS™ NEUTRAL HAND CONE ORTHOSIS

*Everything needed for a tone-inhibiting splint and more.*

- Places the wrist and forearm in a slightly supinated, neutral alignment position.
- Comfortably cushioned hand cone and a fully adjustable forearm trough provide a custom fit. Side flares can be molded around the hand.
- Includes padded terry liner, three straps with D-ring buckles and Velcro® strap tabs. To size, see chart above. If between sizes, order the larger size.

Left	Right	
NC25634	NC25635	Small
NC25630	NC25631	Medium
NC25632	NC25633	Large





Dorsal Finger Separator

## PROGRESS™ DORSAL ANTI-SPASTICITY ORTHOSIS

*Achieve greater tone inhibition using a dorsal application.*

- This Orthosis is designed to progressively reposition the hand and thumb into greater tone-reducing positions and allow neuroflex at rest.
- Dorsal forearm trough, thumb section and volar finger platform can be molded to fit the mildly to moderately spastic hand.
- Wrist can be positioned to 45° flexion or extension.
- Includes thumb strap, finger strap and two forearm straps with matching D-ring buckles and Velcro® strap tabs. Dorsal Finger Separator and a Palmar Arch are also included.
- To size, see chart on page 70.

Palmar Arch



Left	Right	
NC25670	NC25671	Small
NC25672	NC25673	Medium
NC25674	NC25675	Large



Available in a pediatric size.

## PROGRESS™ FUNCTIONAL RESTING ORTHOSIS

*The most flexible, easy-to-use functional resting Orthosis available.*

- The Progress™ Functional Resting Orthosis can be molded easily to fit persons with weakness or mild to moderate spasticity.
- Wrist and hand sections can be contoured by hand to progressively position the hand from a flexed position to a functional position.
- Thumb can be positioned from mid-range opposition to slight abduction.
- Forearm trough is fully moldable for optimal fit and comfort.
- Includes padded terry liner, three straps with matching D-ring buckles and Velcro® strap tabs.
- To size, see chart on page 70.

Left	Right	
NC25558	NC25559	Pediatric
NC25556	NC25557	X-Small
NC25600	NC25601	Small
NC25602	NC25603	Medium
NC25604	NC25605	Large



The I.F. Separator keeps the fingers securely positioned.

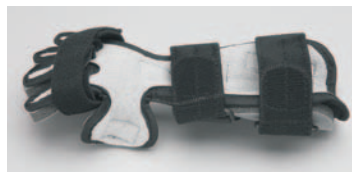


## PROGRESS™ I.F. (INDIVIDUAL FINGER) BALL ORTHOSIS

*Provides full adjustability to each digit.*

- The Progress™ I.F. Ball Orthosis is ideal for persons with mild to moderate tone and for tightness or contractures that vary among fingers, as with arthritis.
- Unlike other ball-style splints, the Progress™ I.F. Ball Orthosis is fully adjustable at the fingers, thumb, wrist and along the entire length of the forearm trough.
- Allows mild neuroflex reactions to accommodate spasticity tone posturing.
- Includes padded terry liner, three straps with matching D-ring buckles and Velcro® strap tabs. An I.F. Separator is included for optimal fit and security.
- To size, see chart on page 70.

Left	Right	
NC25608	NC25609	Small
NC25610	NC25611	Medium
NC25612	NC25613	Large



Also available in a pediatric size that positions the thumb in neutral alignment.

## PROGRESS™ NEUTRAL RESTING ORTHOSIS

*Provides full adjustability to move thumb to a neutral position.*

- Designed to progressively reposition hand and thumb into the safe position.
- Ideal for contractures due to Dupuytren, head injury, CVA or arthritic conditions.
- Thumb can be progressed from opposition/adduction to abduction/extension for improved neutral alignment. For pediatric size, the Functional Resting Orthosis shown above is designed with this special thumb piece.
- Includes padded terry liner, three straps with matching D-ring buckles and Velcro® strap tabs.
- To size, see chart on page 70.

Left	Right	
NC25558	NC25559	Pediatric
NC25682	NC25683	X-Small
NC25684	NC25685	Small
NC25686	NC25687	Medium
NC25688	NC25689	Large





# WRIST AND HAND ORTHOSES



0° to 60° wrist extension



Neutral wrist

## PROGRESS-PLUS™ WRIST EXTENSION TURNBUCKLE ORTHOSIS

*Provide progressive low-load force to improve wrist motion between neutral and 60° extension.*

- Hand and wrist portion made of high-density foam with a malleable metal frame. Forearm portion made of molded Kydex® material. Orthosis includes a foam liner padded with terry cloth for added comfort. D-ring straps ensure snug fit and correct placement using Progress™ designed hook tab ends.
- Provides static progressive positioning between 0° neutral and 60° extension, infinitely adjustable by turning the turnbuckle.
- Ideal for contracture management, returning wrist and fingers to a more functional position. Initially, the users fingers and wrist should be able to be passively extended to neutral.
- Clean the orthosis surface with soap and water. Removable liner is machine washable.
- Latex free.
- To size, measure width at MP joints.



Adjustable thumb abduction for tone inhibition.

Left	Right	Width at MP Joints	
NC33804-1	NC33804-2	XS	3" to 3 1/4" (7.6 to 8.4cm)
NC33804-3	NC33804-4	S	3 1/4" to 3 1/2" (8.4 to 8.9cm)
NC33804-5	NC33804-6	M	3 1/2" to 3 3/4" (8.9 to 9.5cm)
NC33804-7	NC33804-8	L	3 3/4" and up (9.5cm and up)

Replacement Liner		
Left	Right	
NC33803-1L	NC33803-2L	X-Small
NC33803-3L	NC33803-4L	Small
NC33803-5L	NC33803-6L	Medium
NC33803-7L	NC33803-8L	Large



0° to 60° wrist flexion



Neutral wrist

## PROGRESS-PLUS™ WRIST FLEXION TURNBUCKLE ORTHOSIS

*Simplify wrist and finger flexion contracture management to 0° neutral position.*

- Soft, lightweight orthosis is made of a flexible plastic form laminated between dense, closed-cell foam padding. Removable liner is made of foam padding with a soft, terry cloth covering. D-ring hook and loop straps cinch easily for a proper fit.
- Provides static progressive positioning of the wrist between 0° neutral and 60° flexion to improve range of motion. Simply tighten the turnbuckle to apply incremental, low-load force to the wrist joint.
- Ideal for wrist flexion contractures due to fractures, surgical repairs or abnormal tone conditions. Progresses the hand to a functional resting position. The user must have passive finger extension and the wrist contracture can be no greater than 60° flexion. The thumb can be moved into abduction.
- Offers infinite adjustability without the use of tools.
- Clean the orthosis surface with soap and water. Removable liner is machine washable.
- Latex free.

Left	Right	Width at MP Joints	
NC33803-1	NC33803-2	XS	3" to 3 1/4" (7.6 to 8.4cm)
NC33803-3	NC33803-4	S	3 1/4" to 3 1/2" (8.4 to 8.9cm)
NC33803-5	NC33803-6	M	3 1/2" to 3 3/4" (8.9 to 9.5cm)
NC33803-7	NC33803-8	L	3 3/4" and up (9.5cm and up)

Replacement Liner		
Left	Right	
NC33803-1L	NC33803-2L	X-Small
NC33803-3L	NC33803-4L	Small
NC33803-5L	NC33803-6L	Medium
NC33803-7L	NC33803-8L	Large



## PROGRESS™ STRAP (REPLACEMENT) KITS

*Durable, effective replacement straps for our line of Progress™ orthoses.*

- All straps are made of high quality 1" or 2" (2.5 or 5.1cm) double-sided loop strapping material that is triple stitched to ensure durability.
- Kits come with Finished Hook Ends, Single Hook Tabs, Double Hook Tabs, or D-Ring Buckles, depending on the related Progress™ Splint. Hand wash and air dry. Latex free.
- D-ring designs and sturdy construction make these straps excellent for thermoplastic splints or positioning devices. Straps attach easily with hook fasteners.

## Replacement Strap Kits

NC25535	Wrist Flexion Turnbuckle
NC25536	Wrist Extension Turnbuckle
NC25537	Functional Resting: Pediatric
NC25538	Functional Resting: XS, S, M, L
NC25539	IF Ball: S,M,L
NC25540	Palm and Wrist: S, M, L
NC25541	Neutral Hand Cone: S, M, L
NC25542	Elbow: Youth
NC25543	Elbow: S/M, M/L
NC25544	Elbow: Pediatric
NC25545	Elbow Hinge: S/M
NC25546	Elbow Hinge: M/L
NC25547	Dorsal Anti-Spasticity: XS, S, M, L
NC25548	Neutral Resting: XS, S, M, L



Thermoplastics not included.

## TURNBUCKLES

*Create custom static progressive wrist and elbow splints.*

- Made of heavy-duty steel screws with a rubberized turn handle.
- Ideal for fracture bracing, post-cast conditions and serial splinting (thermoplastics sold separately).
- Use for soft tissue joint contractures to improve range of motion serially.
- Use as a replacement part for Progress-Plus™ Turnbuckle orthoses, elbow and wrist.
- Length of turnbuckle is measured from clip end to clip end.
- Thermoplastics sold separately.
- Latex Free.

## Turnbuckle Length Adjustment

NC33799-TB	Mini	3 1/2" to 5"	(8.9 to 13cm)
NC33800-TB	Small	4 1/8" to 6 1/8"	(10 to 16cm)
NC33801-TB	Medium	4 3/4" to 6 3/4"	(12 to 17cm)
NC33802-TB	Large	5 1/2" to 8"	(14 to 20cm)



## LMB ECONOMICAL RESTING SPLINT

*Adjustable splint is lightweight.*

- Wirefoam™ construction with soft, padded, closed-cell foam.
- Indicated for use in functional positioning for arthritis, post-surgery or stroke.
- An economical alternative to custom splinting.
- Lightweight and easy to adjust at all joints.
- Allows up to 60° MP flexion and wrist flexion/extension.
- Latex free.

Left	Right	Width at MP Joints
L125-BL	L125-BR	2¼" to 2¾" (5.7 to 7.0cm)
L125-CL	L125-CR	2⅞" to 3¼" (7.3 to 8.3cm)
L125-DL	L125-DR	3⅜" to 3¾" (8.6 to 9.5cm)



## NEW COMFY™ DEVIATION HAND ORTHOSIS

*Locking internal swivel at the wrist allows radial or ulnar deviation positioning for added comfort.*

- Ideal for night time hand splinting, especially for arthritic or neuromuscular deformities and for flacid or spastic hand conditions.
- Features a soft, absorbent terry cloth cover over a foam encased, malleable, lightweight metal frame.
- Progressively change wrist and finger positions and amount of wrist deviation by adjusting the internal frame and locking the frame's swivel with included hex wrench.
- Correct or control wrist deviation motion even when changes in the position of the wrist and hand are made.
- Cover maintains skin integrity by absorbing moisture, allows air circulation and prevents skin maceration on palmar surface.
- Removable cover and padded straps can be machine washed and dried.

	Size	Wrist to Tip of Middle Finger	Total Length of Orthosis
NC27178-PS	Pediatric S	2½" to 3½" (6.3 to 8.9cm)	7" (18cm)
NC27178-PM	Pediatric M	3" to 4½" (7.6 to 11cm)	8" (20cm)
NC27178-PL	Pediatric L	4½" to 6" (11 to 15cm)	9½" (24cm)
NC27178-H	Adult	7" to 8" (18 to 20cm)	12½" (30cm)



## LMB AIR-SOFT™ RESTING HAND SPLINT

*Maintain mobility and support for the hand.*

- Malleable aluminum frame with a special self-wicking cover that helps control perspiration dampness. Machine washable.
- Supports the fingers, thumb and wrist in a functional resting position.
- Easily adjustable. Allows up to 60° MP flexion and wrist flexion/extension.
- Indicated for use in functional positioning for arthritis, post-surgery or stroke.
- Latex free.

Left	Right	Width at MP Joints
L325-BL	L325-BR	2¼" to 2¾" (5.7 to 7.0cm)
L325-CL	L325-CR	2⅞" to 3¼" (7.3 to 8.3cm)
L325-DL	L325-DR	3⅜" to 3¾" (8.6 to 9.5cm)

Orthosis only



Orthosis with Finger Separator



## COMFY™ HAND WRIST FINGER ORTHOSIS AND OPTIONAL FINGER SEPARATOR

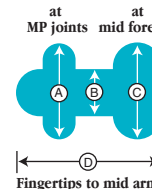
*Comfortable supports provide gradual extension to position the hand.*

- Combines a soft, absorbent terry cloth cover over a malleable metal frame.
- Use to treat arthritic or neuromuscular deformities, flexion of the MP, PIP, DIP or wrist joints, ulnar deviation or wrist drop. Helps reduce pain, relieve pressure areas and prevent contractures.
- Fully adjustable at all joints. Wrist and fingers can be adjusted independently.
- Covers and straps can be machine washed and dried. Insert can be cleaned with soap and water.
- An optional Finger Separator is available. The Finger Separator attaches to the splint with an elastic strap and Velcro®, and can be positioned to protect and prevent pressure areas between PIP or DIP joints at any angle.
- Fits either the left or right hand. For pediatric sizing, see chart below. Adult size fits most adults.
- Latex free.

Orthosis		Finger Separator	
NC99480	S Child	NC99480-FS	S Child
NC99481	M Child	NC99481-FS	M Child
NC99482	L Child	NC99482-FS	L Child
		NC27170-FS	Adult

Adult Orthosis  
NC27170

Orthosis Dimensions					
	at MP joints	at mid forearm	Child	A	B C D
Small	4½"	3"	4½"	7"	
Medium	5"	3"	5"	8½"	
Large	5½"	3"	5"	10"	
Adult	6½"	3"	5½"	12"	





# WRIST AND HAND ORTHOSES



## BUNNELL™ COMBINATION OPPENHEIMER WITH DYNAMIC WRIST AND IP EXTENSION ORTHOSIS

*Ideal for post-radial nerve injuries, fracture or spastic neurological conditions.*

- Provides dynamic wrist, finger and thumb extension to open the hand while allowing active flexion.
- To make a fist, fingers must flex against the band resistance and return to extension when relaxed.
- Adjust fit and dynamic force by bending lateral wires/outriggers and changing size of elastic bands.
- Adjustable position of the thumb outrigger determines if the splint is for left or right hand.
- Clean with mild soap and damp towel and air dry. Latex free.

		Width at MP Joints
NC44589	Small	2½" (6.4cm)
NC44590	Medium	3" (7.6cm)
NC44591	Large	3½" (8.9cm)



## BUNNELL™ THOMAS SUSPENSION ORTHOSIS

*Dynamically extends the wrist and MP joints in the presence of radial nerve palsy.*

- Can be adjusted to fit quickly and easily.
- Adjustable tension allows active wrist flexion.
- Splint includes thumb outrigger and synthetic elastic bands.
- Latex free.

		Width at MP Joints
NC15673-1	Small	2½" (6.4cm)
NC15673-2	Medium	3" (7.6cm)
NC15673-3	Large	3½" (8.9cm)



## BUNNELL™ OPPENHEIMER SPRING WIRE ORTHOSIS

*Use in the treatment of radial nerve palsy.*

- Provides dynamic wrist and thumb extension or abduction.
- Thumb outrigger can be removed if not needed.
- Preserves function during the recovery period of incomplete nerve lesions.
- Extends the wrist, MP joints and thumb.
- Latex free.

		Width at MP Joints
NC15912-1	Small	2½" (6.4cm)
NC15912-2	Medium	3" (7.6cm)
NC15912-3	Large	3½" (8.9cm)



## LMB DYNAMIC WRIST EXTENSION WITH MP FLEXION, THUMB ABDUCTION AND SPRING IP EXTENSION ASSIST ORTHOSIS

*Ideal for post-fracture, crush or nerve injuries.*

- This Orthosis has fully adjustable tension at the wrist and MP joints.
- The thumb piece can be removed if not needed.
- Amount of force applied by the wrist extension bar when wrist is in neutral position:
  - Size B: 1¼ lbs. (0.6kg)
  - Size C: 2 lbs. (0.9kg)
  - Size D: 2½ lbs. (1.1kg)
- Force of MP flexion bar with MP joints in neutral for all sizes is 4 lbs. (1.8kg).
- Latex free.

Left	Right	Width at MP Joints
L707-BL	L707-BR	2¼" to 2¾" (5.7 to 7.0cm)
L707-CL	L707-CR	2⅞" to 3¼" (7.3 to 8.3cm)
L707-DL	L707-DR	3⅜" to 3¾" (8.6 to 9.5cm)

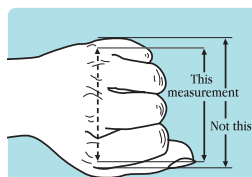


## LMB DYNAMIC WRIST EXTENSION ASSIST

*Maintains extension in a resting position while allowing active flexion.*

- This splint can be used for wrist extension after fractures or following radial nerve, tendon or crush injuries.
- Wrist extension force may be adjusted by carefully bending lateral wires. Force of the wrist extension bar when the wrist is positioned in neutral is:
  - Size B: 1¼ lbs. (0.6kg)
  - Size C: 2 lbs. (0.9kg)
  - Size D: 2½ lbs. (1.1kg)
- Latex free.

Left	Right	Width at MP Joints
L709-BL	L709-BR	2¼" to 2¾" (5.7 to 7.0cm)
L709-CL	L709-CR	2⅞" to 3¼" (7.3 to 8.3cm)
L709-DL	L709-DR	3⅜" to 3¾" (8.6 to 9.5cm)



### Bunnell™ Hand Orthoses Sizing

Sizes correspond to approximate width measurement from the index to the little finger MP joints.

**Care Instructions:** Bunnell™ orthoses are made of aluminum with felt pads. All splints can be washed in warm water with mild soap and blotted dry.



## NEW DYNAMIC WRIST ORTHOSIS

A dynamic performance hinge provides 20° ulnar/radial deviation

- Contoured, dorsal splint limits flexion and extension while allowing finger dexterity. Palm remains open and free from obstruction while protecting the carpal tunnel.
- Neoprene elastic straps offer individual fit; non-elastic wrist strap adds stability.
- Plastic frame with breathable padding wicks perspiration for cool, dry comfort.
- Day or night use. Universal fits left or right.
- Latex free.
- To size, measure palm width at MP joints.

	MCP Width
NC57001-1 Small	2½" to 3" (6.3 to 7.6cm)
NC57001-2 Medium	3" to 3½" (7.6 to 8.9cm)
NC57001-3 Large	3½" + (8.9cm+)

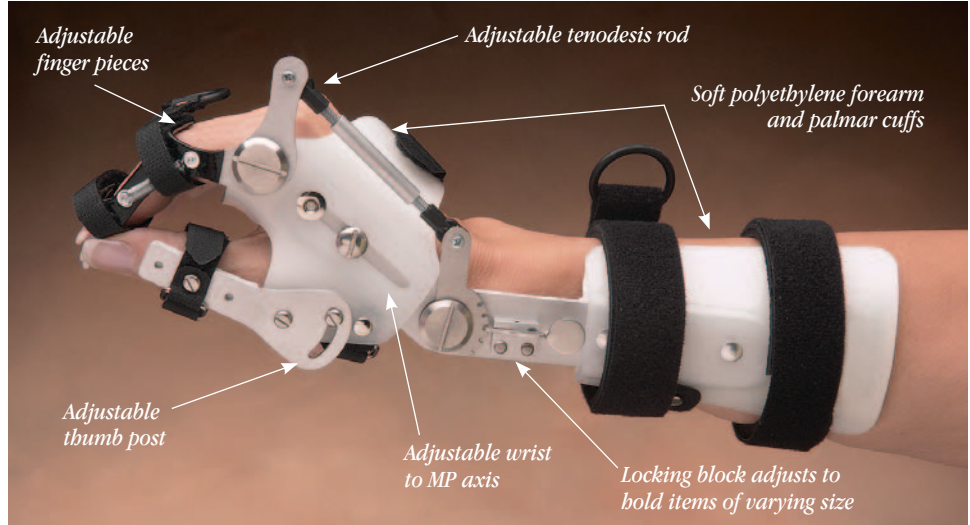


## NEW UNO WHO® (WRIST HAND ORTHOSIS)

Universal sizing for this plush, padded comfortable splint with firm support.

- Constructed of nylon outer shell with a tricot covered foam lining for comfort and durability.
- Stay pad is movable for universal sizing and malleable for a custom fit.
- Stockinette tongue and dorsal loop and lock closures offer simple application.
- Includes removable, malleable, anatomically contoured aluminum palmar stay.
- Three dorsal loop and lock straps are adjustable and trimmable for good fit.
- Latex free.

	Wrist Circumference
HW428-L Left	4½" to 9½" (11.4 to 24.1cm)
HW428-R Right	4½" to 9½" (11.4 to 24.1cm)

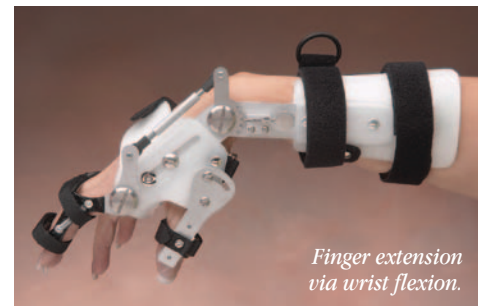


## TALON™ ADJUSTABLE WRIST DRIVEN WRIST HAND ORTHOSIS (WDWHO)

A great alternative to custom-made tenodesis orthosis.

- Features soft polyethylene forearm and palmar cuffs for comfortable wear.
- Use as an evaluation and training device for patients who have diminished wrist and hand strength. Also may be used as a temporary orthosis. Ideal for C6 spinal cord injury patients.
- Strength needs to be poor to good wrist extension with zero to poor flexion.
- Locking block allows the hand to open and close to grasp items of varying sizes.
- Tenodesis rod adjusts length easily to set wrist to MP axis. Finger pieces and thumb post are adjustable.
- Fits most adults.

NC99485L Left  
NC99485R Right



## NEW HANZ™ WHFO (WRIST HAND FINGER ORTHOSIS)

Provides static progressive positioning for correcting of the mildly to severely contracted wrist, fingers, and thumb.

- Uniquely designed pivotable thumb abductor with medial and lateral thumb supports allows for optimal positioning.
- Ideal for flaccid hand or wrist drop.
- Forearm trough, wrist and hand pan are moldable for comfort and progressive changes.
- The softly padded diagonal straps and color-coded hook and loop attachments provide optimal positioning and simple donning and doffing.
- The soft high-quality cover is removable for laundering. Mesh laundry bag is included.
- Removable "shark fin" style fingers separators included.
- If in between sizes choose larger size.



Left	Right	Size	Wrist Crease to Tip of Longest Finger	Width: Across MP's
NC85020-P1	NC85020-P2	Pedi S	4½" to 5¼" (11.4 to 12.7 cm)	1½" to 2" (3.8 to 5.1 cm)
NC85020-P3	NC85020-P4	Pedi M	5¼" to 5¾" (12.7 to 14.6 cm)	2" to 2¾" (5.1 to 7 cm)
NC85020-P5	NC85020-P6	Pedi L	5¾" to 6½" (14.6 to 16.5 cm)	2¾" to 3" (7 to 7.6 cm)
NC85020-1	NC85020-2	Adult XS	5¾" to 6½" (14.6 to 16.5 cm)	2¾" to 3" (7 to 7.6 cm)
NC85020-3	NC85020-4	Adult S	6½" to 7¼" (16.5 to 18.4 cm)	3" to 3¼" (7.6 to 8.3 cm)
NC85020-5	NC85020-6	Adult M	7¼" to 8" (18.4 to 20.3 cm)	3¼" to 4" (8.3 to 10.2 cm)
NC85020-7	NC85020-8	Adult L	Over 8" (20.3 cm+)	Over 4" (10.2 cm+)



# WRIST AND HAND SPLINTS/ORTHOSES

Use as an Ulnar Support to prevent ulnar deviation.



For use as a Dorsal Support to prevent wrist extension, order the splint size for the opposite hand.



## COMFORT COOL™ WRIST WRAP WITH ULNAR/DORSAL SPLINT



Versatile splint can be used to prevent ulnar deviation or wrist extension.

- Ideal for tendinitis, wrist instability, ulnar drift problems or triangular fibrocartilage complex tears.
- The 1/16" (1.6mm) perforated neoprene offers support without excessive bulk or warmth.
- Neoprene can be trimmed and customized easily.
- Double-layer insert pocket protects and supports either the dorsal or the ulnar side of the wrist and helps prevent unwanted movement. Soft, terry cloth liner feels good against the skin.
- Included 3/32" (2.4mm) thick Omega™ Max thermoplastic insert offers firm support and restricts wrist movement depending on placement.
- Easily custom fit the insert: heat in warm water, or microwave the insert while it is in the splint.
- Allows the thumb and fingers to move freely.
- For **dorsal** support, simply order the splint size for the opposite hand.
- Hand wash, air dry.
- Anti-microbial and latex free.
- To size, measure wrist circumference.

Thermoplastic insert



Left	Right	
NC79500	NC79501	Small/Youth
NC79502	NC79503	Medium
NC79504	NC79505	Large

	Wrist Circumference
Small/Youth	5" to 5½" (13 to 14cm)
Medium	5½" to 6¼" (14 to 16cm)
Large	6¼" to 8" (16 to 20cm)

## PROFLEX® WRIST SPLINTS

Comfortable, semiflexible support.

- Made of woven elastic. Antibacterial lining wicks away perspiration and keeps hands cool and dry.
- Ideal when semiflexible support is required. Helps relieve symptoms of carpal tunnel syndrome, repetitive motion injuries and tendinitis.
- Patented open-center stay limits wrist movement and neutralizes posture while maintaining finger dexterity.
- Machine wash. Lay flat to dry.
- To size, measure wrist circumference. See chart below.

Open-center stay



## ProFlex® 4000



## ProFlex® 4010



## PROFLEX® 4000 WRIST SPLINT

- Positions the wrist in a neutral position and limits wrist flexion.
- Long thumb strap for comfortable fit.

Black Left	Black Right	
NC70626-0	NC70626-1	Small
NC70626-2	NC70626-3	Medium
NC70626-4	NC70626-5	Large
NC70626-6	NC70626-7	X-Large
Tan Left	Tan Right	
NC70625-0	NC70625-1	Small
NC70625-2	NC70625-3	Medium
NC70625-4	NC70625-5	Large
NC70625-6	NC70625-7	X-Large

	Wrist Circumference
Small	Up to 6" (Up to 15cm)
Medium	6" to 7" (15 to 18cm)
Large	7" to 8" (18 to 20cm)
X-Large	Over 8" (Over 20cm)

## PROFLEX® 4010 WRIST SPLINT

- Features all the qualities of the ProFlex® 4000, with a longer body for additional support. Limits both wrist flexion and extension movements.
- Long thumb strap for a comfortable fit. Adjustment strap adds more support.
- Provides maximum support for athletes and persons involved with heavy lifting.

Black Left	Black Right	
NC70631-0	NC70631-1	Small
NC70631-2	NC70631-3	Medium
NC70631-4	NC70631-5	Large
NC70631-6	NC70631-7	X-Large

## COMFORT-GEL™ PADS

Pre-made pads for thermoplastic splints, soft splints and orthotic devices.

- Use these pads to cushion vulnerable areas, reduce skin maceration and eliminate friction.
- Slightly tacky gel pads adhere directly to the skin to help soften and protect. Pads retain their effectiveness for up to six weeks, and have an indefinite shelf life.
- Made of 1/8" (3.2mm) thick silicone gel with adhesive or hook backing. Silicone is the *only* proven material for scar management, and this long-lasting pad is more cost effective than glycerin oil-based products.
- **Adhesive-back** pad can be applied to thermoplastic splints after molding.
- **Hook-back** pad is easily applied to lining. Ideal for use with Comfort Cool™ and Comfortprene™ splints.
- Hand wash with mild soap and pat or air dry.
- Hypoallergenic, non-toxic and latex free.
- See page 32 for other applications.

Curved Pad



Rectangular Pad



## Rectangular Gel Pad

NC85050A	Adhesive-back	2½" x 1½" (6.4 to 3.8cm)
NC85050H	Hook-back	2½" x 1½" (6.4 to 3.8cm)

## Curved Gel Pad

NC85051A	Adhesive-back	3¼" x 1½" (8.3 to 3.8cm)
NC85051H	Hook-back	3¼" x 1½" (8.3 to 3.8cm)

Hook-back Adhesive-back





## COMFORT COOL™ FIRM D-RING WRIST SPLINT



*Cool, firm, yet lightweight support for the wrist.*

- Made of 1/8" (3.2mm), perforated neoprene with a terry cloth liner to help keep the skin dry. Circumferential design with D-ring strap closures under a double-layer stockinette makes the splint easy to put on and comfortable to wear.
- Includes one volar and two dorsal stays to prevent unwanted wrist flexion and extension while allowing full use of the fingers and thumb. These removable metal stays can be bent to conform as needed. Volar stay is pre-bent for functional wrist extension (approximately 15°).
- Helps immobilize the wrist for acute conditions such as CTS, tendinitis, sprains, instabilities and post-surgery.
- All sizes are approximately 7" (17.8cm) long.
- Hand wash and air dry.
- Anti-microbial and Latex free.



Left	Right		Wrist Circumference
NC52980	NC52981	X-Small	5" to 5 3/4" (13 to 15cm)
NC52982	NC52983	Small	5 3/4" to 6 1/2" (15 to 17cm)
NC52984	NC52985	Medium	6 1/2" to 7 1/2" (17 to 19cm)
NC52986	NC52987	Large	7 1/2" to 8 1/2" (19 to 22cm)
NC52988	NC52989	X-Large	Over 8 1/2" (Over 22cm)



## LIBERTY™ LEATHER D-RING WRIST SPLINT



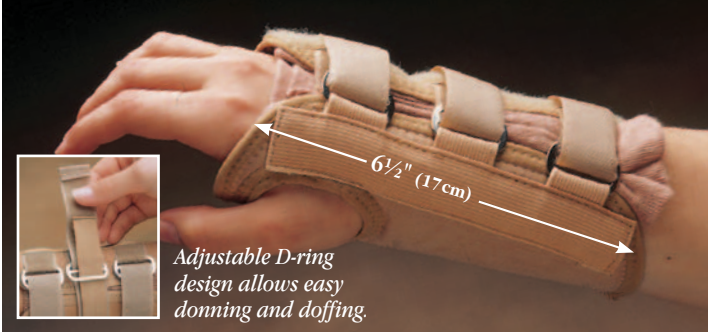
*Provides durable and maximum support for the wrist.*

- Made of pliable leather with 1/4" (6.4mm) padding and a soft, suede-like lining that helps keep skin dry and comfortable.
- Circumferentially designed with double-layer stockinette under D-ring closures. Wide strap provides additional wrist support. Reinforced web space offers excellent durability and comfort. The ample thumb hole allows for unrestricted thumb motion. Splint measures 7" (17.8cm) long.
- Includes a removable metal volar wrist stay that is pre-bent to position the wrist in 15° functional extension, and can be bent as needed. Flexible plastic stays for additional dorsal support also are included.
- Use to treat carpal tunnel syndrome, tendinitis, strains, sprains, arthritis and other wrist disorders. Great for return-to-work situations.
- Use leather cleaner or wipe clean with damp cloth and air dry. Latex free.



Left	Right		Wrist Circumference
NC16050	NC16051	X-Small	5" to 5 3/4" (13 to 15cm)
NC16052	NC16053	Small	5 3/4" to 6 1/2" (15 to 17cm)
NC16054	NC16055	Medium	6 1/2" to 7 1/2" (17 to 19cm)
NC16056	NC16057	Large	7 1/2" to 8 1/2" (19 to 22cm)
NC16058	NC16059	X-Large	Over 8 1/2" (Over 22cm)

## Liberty™ D-ring Wrist Splint



*Adjustable D-ring design allows easy donning and doffing.*

## LIBERTY™ D-RING WRIST SPLINT

*Self-locking D-rings make this an easy-on, easy-off brace.*

- Padded, cotton stockinette lining and foam construction provide extra comfort. Includes a removable, bendable aluminum stay for volar support.
- Recommended for treating the symptoms of arthritis, sprains or carpal tunnel syndrome.
- Specially designed D-rings self-lock to ensure that the splint will not open completely, for easier donning and doffing.
- Hand wash with mild soap and air dry. Remove aluminum stay prior to washing.
- To size, see chart below.

### Liberty™ D-ring Wrist Splint

Left	Right		Wrist Circumference
NC15970-0	NC15970-1	X-Small	Up to 5" (Up to 13cm)
NC15970-2	NC15970-3	Small	5" to 6" (13 to 15cm)
NC15970-4	NC15970-5	Medium	6" to 7" (15 to 18cm)
NC15970-6	NC15970-7	Large	7" to 8" (18 to 20cm)
NC15970-8	NC15970-9	X-Large	Over 8" (Over 20cm)



## LIBERTY™ SPORT WRIST SPLINT



*Semi-flexible splint limits wrist extension for the active person.*

- Padded, ultrasoft leather with two removable, dorsal foam pads.
- Use to help prevent cumulative trauma disorders of the wrist.
- Three levels of support:
  - Mild, if no pad is used
  - Flexible, with a 1/8" (3.2mm) pad inserted
  - Moderate, with a 1/4" (6.4mm) pad inserted
- To clean, remove foam insert. Wipe splint with a damp sponge and air dry.
- Latex free.

Left	Right		Wrist Circumference
NC15965-0	NC15965-1	X-Small/Youth	5 1/8" to 5 1/2" (13 to 14cm)
NC15965-2	NC15965-3	Small	5 1/2" to 5 7/8" (14 to 15cm)
NC15965-4	NC15965-5	Medium	5 7/8" to 6 3/4" (15 to 17cm)
NC15965-6	NC15965-7	Large	6 3/4" to 7 5/8" (17 to 19cm)
NC15965-8	NC15965-9	X-Large	7 5/8" to 8 5/8" (19 to 22cm)



# WRIST AND HAND SPLINTS/ORTHOSES

## CHILDREN'S WRIST SPLINT



*Anatomically designed and sized to fit children.*

- Splint is made of a soft, colorful, breathable material with completely bound edges.
- Use splint to treat wrist instabilities and for positioning the wrist due to abnormal tone or contractures.
- Palmar design allows full thumb and finger motion.
- Removable volar stay is made of malleable aluminum and can be easily adjusted as needed.
- Color-coded hook and loop straps allow for easy application.
- Hand wash and air dry. Remove insert prior to washing.
- Latex free.



*Color-coded hook and loop straps allow for easy application.*

Left	Right	Wrist Circumference
NC11800-0	NC11800-1	X-Small 4¾" to 5" (12 to 13cm)
NC11800-2	NC11800-3	Small 5" to 5½" (13 to 14cm)
NC11800-4	NC11800-5	Medium 5½" to 6" (14 to 15cm)
NC11800-6	NC11800-7	Large 6" to 6½" (15 to 17cm)
NC11800-8	NC11800-9	X-Large 6½" to 7" (17 to 18cm)



## FREEDOM® WORKFIT™ LEATHER SPLINT

*Help control wrist instability and pain due to arthritis, tendinitis, or carpal tunnel syndrome.*

- Made of rugged leather with a foam-padded interior for excellent protection against vibration. Durable, padded leather makes this splint great for returning to work.
- Two removable, adjustable stays provide optimum volar and dorsal support to prevent unwanted wrist flexion and/or extension.
- A circumferential padded wrist strap adds extra support and stability.
- Fits the left or right hand.



	Wrist Circumference
NC15534-1	X-Small 4½" to 5½" (11 to 14cm)
NC15534-2	Small 5½" to 6½" (14 to 17cm)
NC15534-3	Medium 6½" to 7½" (17 to 18cm)
NC15534-4	Large 7½" to 8" (18 to 20cm)

## NORCO™ D-RING WRIST SPLINT



*This economical splint has been designed for optimal fit and comfort.*

- Made of a comfortable, cotton/polyester fabric blend.
- Use to treat wrist strains, sprains, arthritis, carpal tunnel syndrome and tendinitis.
- Allows full dexterity of the fingers and thumb yet limits wrist flexion. Aluminum volar stay can be removed and adjusted for an optimal fit.
- Double layer of sewn cotton stockinette helps cushion the strap closure.
- D-ring straps allow quick and easy application.
- Machine wash and air dry.
- Latex free.

### Norco™ D-Ring Wrist Splint



*Length 6-7" (15 to 18cm)*

### Norco™ D-Ring Wrist Splint Long



*Length 8-9" (20 to 23cm)*

### Norco™ D-Ring Wrist Splint

Left	Right	
NC15800-0	NC15800-1	X-Small
NC15800-2	NC15800-3	Small
NC15800-4	NC15800-5	Medium
NC15800-6	NC15800-7	Large
NC15800-8	NC15800-9	X-Large

### Norco™ D-Ring Wrist Splint (Long)

Left	Right	
NC15829-0	NC15829-1	X-Small
NC15829-2	NC15829-3	Small
NC15829-4	NC15829-5	Medium
NC15829-6	NC15829-7	Large
NC15829-8	NC15829-9	X-Large

### Norco™ D-Ring Wrist Splint

Measure the circumference at the wrist crease to determine size.

	Wrist Circumference
X-Small	Up to 5¾" (Up to 15cm)
Small	5" to 6" (13 to 15cm)
Medium	6" to 7" (15 to 18cm)
Large	7" to 8" (18 to 20cm)
X-Large	Over 8" (Over 20cm)



*Precut Insert*

## LIBERTY™ CUSTOM WRIST ORTHOSIS

*Custom fitted insert ensures comfort and precise positioning.*

- Made of soft leather, elastic burn garment fabric and a comfortable, cotton stockinette liner.
- Wide, 2" (5.1cm) elastic stretch wrist strap provides great adjustability and support. Contoured design reduces bulk in the wrist area.
- Use to treat wrist tendinitis, carpal tunnel syndrome, sprains and arthritis.
- Ample thumb hole space for unrestricted thumb motion. Splint covers one-third of the forearm.
- The 1/8" (3.2mm) Omega™ Max thermoplastic insert can be molded using hot water for a comfortable, custom fit on the volar wrist.
- Hand wash, air dry. Remove insert before washing.

Left	Right	Wrist Circumference
NC15957-1	NC15957-2	S 5" to 6" (13 to 15cm)
NC15957-3	NC15957-4	M 5½" to 6½" (14 to 17cm)
NC15957-5	NC15957-6	L 6½" to 7½" (17 to 19cm)
NC15957-7	NC15957-8	XL 7½" to 8½" (19 to 22cm)



## NEW TITAN™ WRIST-LACING ORTHOSIS

*Universal orthosis adjusts easily to fit comfortably.*

- Made of soft orthopedic felt with a nylon exterior.
- Ideal for carpal tunnel syndrome, wrist sprains, tendonitis or arthritis.
- Universal size fits most adult wrists.
- With only two straps to fasten, quicker applications and readjustments can be made.
- Palmar and dorsal metal stays are malleable for a more custom fit.
- Tiny Titan™ fits most pediatrics.
- Hand wash and dry.
- Latex free.



Left	Right		Wrist Circumference
HW450-TINY-L	HW450-TINY-R	Tiny	3½" to 5" (8.9 to 13cm)
HW450-XS-L	HW450-XS-R	X-Small	4" to 6" (10 to 15cm)
HW450-L	HW450-R	Universal	4½" to 9½" (11 to 24cm)
HW450-XL-L	HW450-XL-R	X-Large	7½" to 11" (19 to 28cm)



## LIBERTY™ LACE-UP WRIST SPLINT

*Comfortable, contoured cotton support that's quick and easy to don with one hand.*

- Made of padded cotton-blend fabric with soft lining for cool, lightweight support.
- Includes a volar wrist stay that can be bent as needed. Full finger and thumb motion are allowed for greater hand function.
- Use for carpal tunnel syndrome, tendinitis, arthritis or orthopedic injuries of the wrist.
- Adjust laces for proper fit around the wrist and forearm by pulling on the one-strap piece, securing with hook and loop fasteners.
- All sizes measure approximately 7" (18cm) long.
- Hand wash with mild soap and air dry. Remove stay before washing.

Left	Right		Wrist Circumference
NC16070	NC16071	X-Small	4½" to 5½" (11 to 14cm)
NC16072	NC16073	Small	5½" to 6½" (14 to 17cm)
NC16074	NC16075	Medium	6½" to 7½" (17 to 19cm)
NC16076	NC16077	Large	7½" to 8½" (19 to 22cm)
NC16078	NC16079	X-Large	8½" to 9½" (22 to 24cm)



## LIBERTY™ WORKFLEX WRIST SPLINT

*Supports the wrist while allowing full dexterity of fingers and thumb.*

- Made of elastic with an Ultralure® lining for maximum comfort.
- Durable construction is specially designed for work environments. Especially helpful for cumulative trauma conditions such as carpal tunnel syndrome and wrist conditions.
- Flexible spiral stays on the palmar and dorsal sides help maintain a neutral dynamic wrist position.
- Double strap limits flexion and extension.
- Splint measures 6" (15cm) in length. Black.



Left	Right		Wrist Circumference
NC70460-0	NC70460-1	XS	4½" to 5½" (11 to 14cm)
NC70460-2	NC70460-3	S	5½" to 6½" (14 to 17cm)
NC70460-4	NC70460-5	M	6½" to 7½" (17 to 19cm)
NC70460-6	NC70460-7	L	7½" to 8½" (19 to 22cm)
NC70460-8	NC70460-9	XL	8½" to 9½" (22 to 24cm)



## NORCO™ WRIST SPLINT

*Excellent support at an affordable price.*

- Cotton and elastic support with an aluminum stay that fits inside a vinyl pocket.
- Ideal for carpal tunnel syndrome, tendinitis or wrist sprains.
- Made from the same high-quality materials found in more expensive brands.
- Remove volar metal stay before hand washing. Lay flat to dry.
- Norco™ Wrist Splint measures 6¼" (16cm) in length.
- Norco™ Long Wrist Splint measures 8¾" (21cm) in length.
- Latex free.

Norco™ Wrist Splint:		Norco™ Long Wrist Splint:			Wrist Circumference
Left	Right	Left	Right		
NC15980	NC15981	NC15990	NC15991	Small	5½" to 6½" (14 to 17cm)
NC15982	NC15983	NC15992	NC15993	Medium	6½" to 7½" (17 to 19cm)
NC15984	NC15985	NC15994	NC15995	Large	7½" to 8" (19 to 20cm)
NC15986	NC15987	NC15996	NC15997	X-Large	8" to 8¾" (20 to 22cm)



# WRIST AND HAND SPLINTS/ORTHOSES

*Custom shaped for a custom fit.*

## Liberty™ Contour Wrist Splint



### LIBERTY™ CONTOUR WRIST SPLINT

*With Liberty™ Contour, it's easier than ever to offer a custom fit.*

- Made of the same woven cotton and coated rubber used for the Liberty™ Elastic Wrist Braces shown on page 81.
- Ideal for carpal tunnel syndrome, arthritis, inflammation and sprains.
- Unique cutout in the aluminum stay allows for unimpeded range of motion of the thumb. Stay can be modified easily.
- Wrist brace covers approximately one-half of the forearm.
- Measures 7½" (19cm) long.
- Remove aluminum stay before hand or machine washing in cool water. Lay flat to dry.

Left	Right		Wrist Circumference
NC14568	NC14569	X-Small/Youth	4½" to 5½" (11 to 14cm)
NC14570	NC14571	Small	5½" to 6½" (14 to 17cm)
NC14572	NC14573	Medium	6½" to 7¼" (17 to 18cm)
NC14574	NC14575	Large	7¼" to 8" (18 to 20cm)

*The innovative shape of the Liberty™ Contour conforms to the natural curves of the forearm, eliminating bulkiness at the wrist and ensuring a comfortable, custom fit for each individual.*



*D-ring closures make this splint easy to don and doff.*



*Volar aluminum support may be removed for adjustment.*



## Liberty™ Flare



### LIBERTY™ FLARE WRIST BRACE

*Designed specifically for people whose wrist circumference and mid-forearm circumference vary by 4" (10cm) or more.*

- Made of woven cotton and coated rubber. Ideal for the individual whose wrist and hand are small in proportion to the forearm.
- One adjustable size fits most large forearms.
- Hand wash and air dry.
- **Regular** is 6¾" (17cm) in length and the **Long** is 8¼" (21cm) in length.

Regular: 6¾" (17cm)		Wrist Circumference	Forearm Circumference
NC14562	Left	6" to 8½" (15 to 22cm)	10" to 14" (25 to 36cm)
NC14563	Right	6" to 8½" (15 to 22cm)	10" to 14" (25 to 36cm)
Long: 8¼" (21cm)		Wrist Circumference	Forearm Circumference
NC14560	Left	6" to 8½" (15 to 22cm)	10" to 14" (25 to 36cm)
NC14561	Right	6" to 8½" (15 to 22cm)	10" to 14" (25 to 36cm)

*The Liberty™ Flare is specifically designed to accommodate clients whose forearms are large in proportion to their wrists.*



### COMFORT COOL™ D-RING WRIST SPLINT

*Cool, lightweight support provides cumulative trauma relief.*

- Made of ¼" (1.6mm) perforated neoprene and lined with terry cloth. Provides excellent support without excessive bulk or warmth.
- Aluminum volar support is pre-bent for 15° wrist extension and can be removed for fitting adjustments.
- Circumferentially designed with double-layer cotton stockinette under D-ring closures provides comfort and easy application.
- **Regular** is 7" (18cm) in length; **Long** is 9" (23cm) in length.
- Hand wash and air dry. Anti-Microbial and Latex free. To size, see chart below.

Regular: 7" (18cm)			Long: 9" (23cm)		
Left	Right		Left	Right	
NC52960	NC52961	XS	NC52970	NC52971	XS
NC52962	NC52963	S	NC52972	NC52973	S
NC52964	NC52965	M	NC52974	NC52975	M
NC52966	NC52967	L	NC52976	NC52977	L
NC52968	NC52969	XL	NC52978	NC52979	XL

#### Sizing Chart

##### Wrist Circumference

XS	5" to 5¾" (Up to 15cm)
S	5¾" to 6½" (15 to 17cm)
M	6½" to 7½" (17 to 19cm)
L	7½" to 8½" (19 to 22cm)
XL	8½" and over (22cm and over)



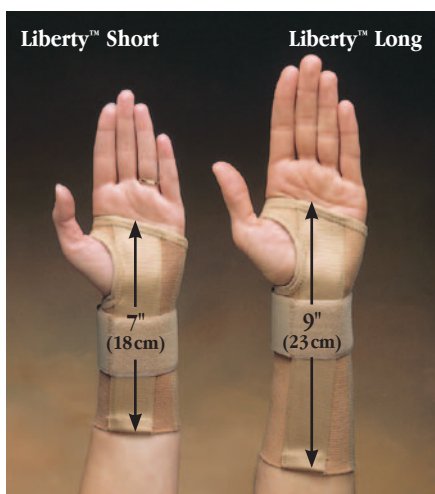
*Liberty™ Elastic Wrist Splint is available in a pediatric size.*



## LIBERTY™ ELASTIC WRIST SPLINT

*Allows fingers and thumb to move freely while providing excellent wrist support.*

- Made of woven cotton and coated rubber.
- Ideal for arthritis, inflammation, sprains and carpal tunnel syndrome.
- Open-weave stretch fabric allows for air circulation and helps prevent skin maceration.
- The 2" (5.1 cm) wide wraparound wrist strap on adult splints adds support.
- Unique cutout in the aluminum stay allows for unimpeded range of motion of the thumb. Anatomically designed stay can be modified easily for a custom fit.
- Hand or machine wash in cool water, and air dry.
- The **Pediatric Splint** measures 5" (13 cm) in length and is available in blue with lavender trim only.
- **Short** style measures approximately 7" (18 cm) in length and covers approximately one-third of the forearm. Available in beige only.
- **Long** style measures approximately 9" (23 cm) in length and covers approximately two-thirds of the forearm.
- To size see chart.



*Liberty™ Short covers one-third of the forearm; Liberty™ Long covers two-thirds of the forearm.*

## Beige Short

Left	Right	
NC14669	NC14670	X-Small/Youth
NC14671	NC14672	Small
NC14673	NC14674	Medium
NC14675	NC14676	Large
NC14677	NC14678	X-Large

## Beige Long

Left	Right	
NC15871	NC15872	X-Small/Youth
NC15873	NC15874	Small
NC15875	NC15876	Medium
NC15877	NC15878	Large
NC15879	NC15880	X-Large

## Blue with Lavender Trim Long

Left	Right	
NC16681	NC16682	Ped. Small
NC16683	NC16684	Ped. Medium
NC16685	NC16686	Ped. Large
NC16671	NC16672	X-Small/Youth
NC16673	NC16674	Small
NC16675	NC16676	Medium
NC16677	NC16678	Large
NC16679	NC16680	X-Large

## Blue with Turquoise Trim Long

Left	Right	
NC17671	NC17672	X-Small/Youth
NC17673	NC17674	Small
NC17675	NC17676	Medium
NC17677	NC17678	Large
NC17679	NC17680	X-Large

## Liberty™ Elastic Wrist Splint Sizing Chart

Measure the circumference at the wrist crease to determine size.

Pediatric Size	Wrist Circumference	Adult Size	Wrist Circumference
Pediatric Small	4½" to 5" (11 to 13 cm)	X-Small/Youth	4½" to 5½" (11 to 14 cm)
Pediatric Medium	5" to 5½" (13 to 14 cm)	Small	5½" to 6½" (14 to 17 cm)
Pediatric Large	5½" to 6" (14 to 15 cm)	Medium	6½" to 7¼" (17 to 18 cm)
		Large	7¼" to 8" (18 to 20 cm)
		X-Large	8" to 8¾" (20 to 22 cm)



*Bright, two-tone color combinations of the Liberty™ Long Elastic Wrist Splint appeal to all ages.*



# WRIST AND HAND SPLINTS/ORTHOSES



## FABRIFOAM® UNIVERSAL WRIST WRAP

*Thin foam prevents splint migration and helps wick away moisture.*

- Made of thin fabriFoam®, a patented, foam-based material that has four-way stretch and is breathable, conforming, and slip-resistant. Foam provides friction to keep the splint in place. Latex free.
- Ideal for wrist arthritis, sprains, strains, tendinitis and carpal tunnel syndrome. Provides light circumferential compression and supports the wrist while allowing full thumb and finger motion.
- Wide wrist strap with plastic hook can be fastened anywhere on the splint.
- Hand wash with mild soap and air dry.
- Fits either the left or right hand.
- fabriFoam® material covered by U.S. Patent 5,036,838.



		Wrist Circumference
NC18111	Small/Medium	5" to 6½" (13 to 17cm)
NC18113	Large/X-Large	6½" to 8" (17 to 20cm)



Long Wrist Wrap



Short Wrist Wrap

## COMFORTPRENE™ WRIST WRAP

*Effective support for the prevention and treatment of wrist injuries in the workplace.*

- Made of ⅛" (3.2mm) Comfortprene™, a neoprene material lined with soft terry cloth that is designed to minimize perspiration. Latex free.
- Ideal for wrist arthritis, sprains, tendinitis and carpal tunnel syndrome. Provides circumferential compression and support to the wrist while allowing full thumb and finger motion.
- Reinforced, wide wrist strap fastens with hook and loop closures to ensure a snug, comfortable fit and helps to limit final degrees of wrist motion.
- Hand or machine wash with mild soap and air dry.
- Both wraps fit either left or right wrist. Trim where needed, except across the sewn seam.
- Available in beige or black.
- **Universal Short Wrist Wrap** covers approximately one-third of the forearm and is available in one universal size.
- **Long Wrist Wrap** is available in three sizes. Medium fits most adults.

### Universal Short Wrist Wrap

NC58604-BG	Beige
NC58604-BK	Black

### Long Wrist Wrap

Beige	Black	Wrist Circumference	
NC58600-1BG	NC58600-1BK	Small	Up to 6½" (17cm)
NC58600-2BG	NC58600-2BK	Medium	6½" to 7" (17 to 18cm)
NC58600-3BG	NC58600-3BK	Large	Over 7" (Over 18cm)



## COMFORT COOL™ WIDE WRIST WRAP

*Full coverage for the wrist and distal forearm.*

- Constructed of ⅛" (1.6mm) perforated neoprene with a soft terry cloth liner. Anti-microbial.
- Thin wrap provides support and compression to the wrist. Ideal for soft tissue injuries due to repetitive motion and arthritis.
- Wide design provides generous overlapping around the wrist and distal forearm. Trim for a custom fit.
- Limits the final degrees of wrist motion while allowing hand function.
- Hand wash and air dry.
- Latex free.
- One size fits either the left or right hand.

NC79510



## NORCO™ NEOPRENE WRIST WRAP

*Soft, flexible, one-piece wrist support.*

- Made of ⅛" (3.2mm) neoprene with a hook and loop strap.
- Provides flexible wrist support for treatment of arthritis or following injury.
- Trim with scissors for a custom fit.
- Hand wash in cool, soapy water and air dry.
- Latex free.
- One adjustable size fits all.

Left	Right
NC15951-L	NC15951-R



## NORCO™ WRIST SUPPORT WITH THUMB HOLE

*Use by itself or under a splint.*

- Made of heavy cotton/nylon elastic knit material with soft stitched edges.
- Helps retain heat and provides firm support for soft tissue compression.
- Machine or hand wash. Lay flat to dry.
- Approximately 6" (15cm) long.
- One size fits either the left or the right hand.

		Wrist Circumference
NC15390-1	Small	5½" to 6½" (14 to 17cm)
NC15390-2	Medium	6¾" to 7½" (17 to 19cm)
NC15390-3	Large	7¾" to 8½" (20 to 22cm)
NC15390-4	X-Large	8¾" to 10" (22 to 25cm)



## NEW WRIST-SQUEEZE™ ULNAR COMPRESSION WRAP

*Provides relief for ulnar wrist pain.*

- Made of perforated neoprene to provide a compressive and comfortable wrist support. Edges sewn for comfortable fit.
- Ideal for ulnar wrist pain, TFCC pain and extensor carpi ulnaris stabilization.
- Non-slip interior prevents slippage without a tourniquet effect.
- Use external “pressure dot” for extra compression at ulnar styloid.
- Universal-designed to fit either right or left wrist.
- Hand wash and air dry.
- One size fits most wrists. Latex free.

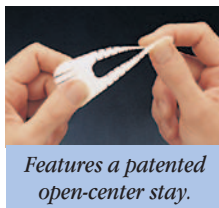
HW2801



## PROFLEX® 4020 WRIST SPLINT

*Compact design holds wrist in a supported neutral position.*

- Lightweight, nylon-covered neoprene body offers a conforming fit. Interior ventilation holes keep the hand cool and dry for added comfort.
- Ideal for tendinitis, carpal tunnel syndrome and other injuries associated with repetitive wrist motion. Supports wrist while leaving hand free.
- Features a patented, open-center plastic stay that follows the natural shape of the hand to limit wrist flexion and pressure on the median nerve.
- Latex free.



*Features a patented open-center stay.*

Left Blue	Right Blue	Wrist Circumference
NC70634-0	NC70634-1	XS/S Up to 6" (Up to 15cm)
NC70634-2	NC70634-3	M 6" to 7" (15 to 18cm)
NC70634-4	NC70634-5	L/XL 7" and up (18cm and up)



## NEW 3-POINT® CARPAL LIFT™ NP SPLINT

*Reduce wrist pain and the popping sensation caused by TFCC injuries, ulnar-sided wrist pain or arthritis.*

- Soft, foam-lined splint lifts and supports the wrist to reduce pain on the ulnar side of the wrist caused by weakened or torn TFCC ligaments (Not intended for carpal tunnel syndrome).
- A soft foam pad and adjustable straps lift the ulnar carpal bones to reduce the popping and pain felt when gripping, supinating or pushing up from a chair.
- Easy one-handed application, this splint is soft and breathable for all day comfort.
- Machine or hand washable.
- Latex free.

Left	Right	MP Circumference
NC79029-1	NC79029-2	S/M 6" to 7¼" (15 to 18cm)
NC79029-3	NC79029-4	M/L 7¼" to 9" (18 to 23cm)

## WRAP AROUND WRIST SUPPORT

*Support wrist motion and protect weak wrists.*

- Dual-strap for custom level of support, comfort and fit.
- Elastic strap support provides compressive support for weak wrists.
- Hook and loop fastener makes it easy to adjust the desired amount of tension.
- Hand wash and air dry.
- One size fits all.

NC15850



## COUNT'R-FORCE® RADIAL-ULNAR WRIST SPLINT

*Provides stability for subluxed distal ulna.*

- Contoured design is made of latex foam padding with nylon backing and two D-ring straps.
- Supports around the wrist without slippage.
- Ideal for treating sports-related wrist injuries, strains, sprains, tendinitis and arthritic conditions.
- Hand wash and air dry.



Left	Right	Wrist Circumference
NC16201	NC16202	Small 4½" to 5½" (11 to 14cm)
NC16203	NC16204	Medium 5½" to 6½" (14 to 17cm)
NC16205	NC16206	Large 6½" to 7½" (17 to 19cm)
NC16207	NC16208	X-Large 7½" to 8½" (19 to 22cm)



# WRIST AND HAND SPLINTS/GLOVES

## NEW FREEHAND WRIST BRACE®

*Adjustable, low-profile dorsal splint for treating carpal tunnel syndrome.*

- Designed to prevent extreme wrist flexion and help maintain a neutral wrist.
- Allows full hand use without contact or pressure over the carpal tunnel.
- Made of soft tubing that fits around the middle finger and attaches to a 1" (2.5 cm) wide dorsal leather bound forearm support.
- The soft hook and loop straps can be positioned anywhere on the support piece for proper fit and comfort.
- Open design allows the hand to remain cool and dry, the skin to sense fully and the hand to reach into pockets or other tight places.
- Allows for hand washing without splint removal.
- To clean splint, wash by hand and air dry.
- Original design developed by Roy A. Meals, MD. Patent pending.
- Universal size: fit all hands, left or right.
- Latex free.

HW465 Freehand Wrist Brace®



Wraparound



PIL-O-SPLINT™

*Ideal for treating carpal tunnel syndrome.*

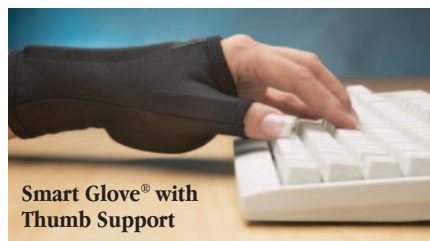
- Made of soft, flannel-like material and cushioned foam with plastic dorsal stays for firm support.
- These resting splints are designed to help relieve pain caused by repetitive stress. The palm rests on a small pillow while the fingers and wrist are immobilized in a neutral position.
- The **Standard** model covers the fingers up to the DIP joints for full finger relaxation and support. Slides on and off easily and fits forearms with a circumference up to 12" (30cm).
- The **Wraparound** model has a Velcro® strap that can be adjusted easily to fit forearms of all sizes.
- Both models measure 12½" (32cm) from wrist to forearm and fit either the left or right arm.

		Forearm Circumference
NC18103	X-Small	Up to 10" (25cm)
NC18101	Standard	Up to 12" (30cm)
NC10112	Wraparound	One adj. size

## SMART GLOVE® WRIST SUPPORTS

*ergoBead® wrist pad cushions and protects the wrist from repetitive stress injuries.*

- Durable, soft cotton Lycra® construction ensures cool comfort throughout the day.
- Designed specifically for keyboard, laptop and mouse use to protect the wrist from repetitive stress injury and to ease pain caused by de Quervain's, CTS, arthritis and tendinitis.
- The volar wrist and the sensitive pisiform bone are cushioned and protected by a wrist pad filled with **ergoBeads®**. This bead-filled pad helps raise the wrist to an ideal ergonomic position and creates a massaging effect that increases blood circulation.
- Flexible, removable dorsal stay helps keep the wrist in a neutral position, preventing excessive bending and flexing of the wrist but allowing full mobility of the hand.
- The **Smart Glove® with Thumb Support** features a comfortable thumb extension. Two semi-rigid stays are located on both sides of the thumb to provide maximum support while allowing the hand and thumb freedom of movement to continue working.
- Machine washable.
- Sold in pairs.
- Latex free.



Smart Glove®		Width at MP Joints	Smart Glove® with Thumb Support		Width at MP Joints
NC20112	Small	2¾" to 3¼" (7.0 to 8.3cm)	NC20126-1	Small	2¾" to 3¼" (7.0 to 8.3cm)
NC20113	Medium	3¼" to 3¾" (8.3 to 9.5cm)	NC20126-3	Medium	3¼" to 3¾" (8.3 to 9.5cm)
NC20115	Large	3¾" to 4¼" (9.5 to 11cm)	NC20126-5	Large	3¾" to 4¼" (9.5 to 11cm)



## PADDED GLOVES WITH WRIST SUPPORT

*Protect hands from impact and abrasion.*

- Half-finger gloves made of nylon Lycra® and pearl leather, features a visco-elastic palm pad for shock absorption with a leather wrist support.
- Use during all types of industrial work involving jackhammers, grinders, riveting or vibrating tools.
- Ideal for prevention of carpal tunnel syndrome and other repetitive stress injuries. Helps prevent over-extension and over-flexion of the wrist.
- If between sizes, choose the larger size.
- Sold in pairs.

		MP Circumference
NC53899-1	X-Small	6" to 7" (15 to 18cm)
NC53899-2	Small	7" to 8" (18 to 20cm)
NC53899-3	Medium	8" to 9" (20 to 23cm)
NC53899-4	Large	9" to 10" (23 to 25cm)
NC53899-5	X-Large	10" to 11" (25 to 28cm)

## COMFORTPRENE™ AND FABRIFOAM® GEL SUPPORTS

*Low-profile CMC splint includes extra supportive pad and ideal for carpal tunnel or de Quervain's release care.*

- These comfortable supports are designed to provide light support and compression around the wrist and across the thumb CMC joint.
- Slightly tacky gel pad adheres directly onto the skin to protect, soften and desensitize scar areas.
- Ideal for use on incision sites to help desensitize and prevent hypertrophic scar formation after de Quervain's and carpal tunnel release.
- The **Comfortprene™ Gel Support** is made of 3.0mm (1/8") Comfortprene™ material with a soft, terry cloth liner. Fastens with hook and loop. Includes hook-backed gel pad.
- The **fabrifoam® Gel Support** is made of 1.5mm (1/16") fabrifoam® material with 4-way stretch, outside loop with foam-composite backing, it is slip-resistant, breathable and helps wick away moisture. Includes adhesive-backed gel pad.
- The silicone gel pad measures 1/8" x 2 1/2" x 1 1/2" (3.2mm x 6.4cm x 3.8cm). Hypoallergenic and non-toxic with an indefinite shelf life. Effective for up to six weeks.
- Gel pads can be cut for a custom fit.
- Replacement gel pads for each of the two supports are available: hook-backed for the Comfortprene™ Gel Support and adhesive backed for the fabrifoam® Gel Support.
- Hand wash in cool, soapy water and air dry.
- Both styles are latex free.

Comfortprene™ Gel Support: Beige			
Left	Right		Width at MP Joints
NC22641-1	NC22641-2	S	Up to 3" (7.6cm)
NC22641-3	NC22641-4	M	3 1/2" (8.9cm)
NC22641-5	NC22641-6	L	Over 3 1/2" (8.9cm)

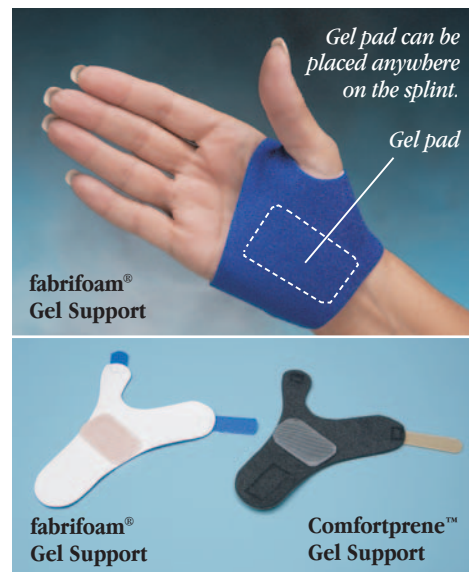
Comfortprene™ Gel Support: Black			
Left	Right		Width at MP Joints
NC22642-1	NC22642-2	S	Up to 3" (7.6cm)
NC22642-3	NC22642-4	M	3 1/2" (8.9cm)
NC22642-5	NC22642-6	L	Over 3 1/2" (8.9cm)

### NC85050H Hook Replacement Gel Pad

### fabrifoam® Gel Support: Blue

Left	Right		Width at MP Joints
NC22640-1	NC22640-2	S	Up to 3" (7.6cm)
NC22640-3	NC22640-4	M	3 1/2" (8.9cm)
NC22640-5	NC22640-6	L	Over 3 1/2" (8.9cm)

### NC85050A Adhesive Replacement Gel Pad



## NEW COMFORTPRENE™ CMC THUMB WRAP

*Wraps around the thumb CMC joint to cushion and reduce subluxation to help reduce pain.*

- Use this popular CMC thumb splint design used to support and compress the thumb CMC joint.
- Ideal for such conditions as osteoarthritis, tendonitis or ligament injuries.
- Made of 1/8" (3.0mm) Comfortprene™ neoprene (see above) but without the inside gel scar-padding piece.
- Secure with hook and loop fasteners.
- Easy to trim for more precise fit. Will not unravel when cut with scissors.
- Allows unlimited comfortable hand function.
- Hand wash and air dry.
- Latex free.
- Order one size larger if longer support around wrist is desired.

Comfortprene™ CMC Thumb Wrap: Beige			
Left	Right		Width at MP Joints
NC22650	NC22651	S	Up to 3" (7.6cm)
NC22652	NC22653	M	3 1/2" (8.9cm)
NC22654	NC22655	L	Over 3 1/2" (8.9cm)

Comfortprene™ CMC Thumb Wrap: Black			
Left	Right		Width at MP Joints
NC22660	NC22661	S	Up to 3" (7.6cm)
NC22662	NC22663	M	3 1/2" (8.9cm)
NC22664	NC22665	L	Over 3 1/2" (8.9cm)

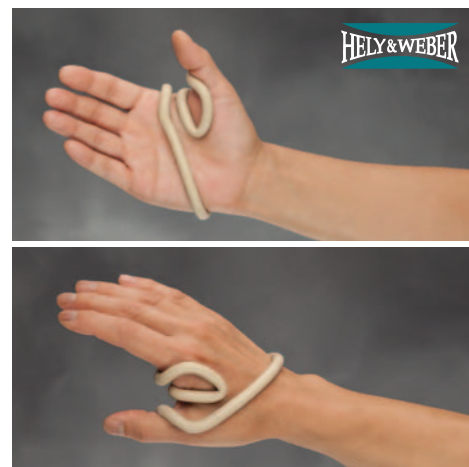


## NEW FREEHAND CMZ BRACE®

*Provides an adjustable, unobtrusive fit to support the thumb CMC joint.*

- Use to position the thumb CMC joint into abduction for such conditions as osteoarthritis or ligament injuries.
- Made of preformed, bendable wire encased in tubing, which can be easily modified by hand for a customized fit.
- Provides maximum comfort due to its flexibility, springiness, and lack of pressure over the CMC joint.
- Simple to apply, remove and adjust as needed for swelling or hand size changes.
- Open design allows the hand to remain cool and dry, the skin to sense fully and the hand to reach into pockets or other tight places.
- Allows for hand washing without splint removal.
- To clean splint, wash by hand and air dry.
- Original design and developed by Roy A. Meals, MD. Patent pending.
- Latex free.
- One universal size fits most hands.

HW467 Freehand CMZ Brace®





# WRIST AND THUMB SPLINTS/ORTHOSES

## Comfort Cool™ Thumb CMC Abduction Splint



### COMFORT COOL™ THUMB CMC ABDUCTION ORTHOSIS

- The same CMC thumb wraparound orthosis as right (page 87), with the addition of a firm, moldable insert inside the thumb strap.
- Microwave the thumb strap to soften the thermoplastic insert, then mold it to fit precisely along the thenar eminence crease.
- Thumb strap helps to abduct and stabilize the first metacarpal and open the thumb web space.
- Ideal for treating thumb deformity and contractures due to neurological conditions, median nerve injuries or arthritis, especially where the thumb is held abducted against the palm.
- Plus sizes are a half size bigger in the hand and a full size larger in thumb circumference to accommodate enlarged thumb conditions.
- Hand wash and air dry. Anti-microbial and latex free.
- US patent 6,702,772

Left	Right		Distal Palmar Crease Circumference
NC79490	NC79491	Toddler	4½" to 5½" (11 to 14cm)
NC79492	NC79493	Youth	5½" to 6½" (14 to 17cm)
NC79494	NC79495	Small	6" to 7" (15 to 18cm)
NC79494-P	NC79495-P	Sm. Plus	6½" to 7¼" (17 to 18cm)
NC79496	NC79497	Medium	7" to 8" (18 to 20cm)
NC79496-P	NC79497-P	Med. Plus	7¾" to 8¾" (20 to 21cm)
NC79498	NC79499	Large	8" to 9" (20 to 23cm)
NC79498-P	NC79499-P	Lg. Plus	8¼" to 9½" (21 to 24cm)

### COMFORTPRENE™ THUMB AND WRIST WRAP

*Effective support for the prevention and treatment of common injuries.*

- Made of ⅛" (3.2mm) Comfortprene™, a special neoprene material lined with soft terry cloth to help minimize perspiration.
- Ideal for arthritis, sprains, strains, tendinitis, and de Quervain's. Allows full finger motion while providing circumferential compression and support to the wrist and thumb.
- Reinforced, wide wrist strap fastens easily using hook and loop closures to ensure a snug, comfortable fit and help limit the final degrees of wrist motion. The longer wrap provides additional compression and firmness around the wrist and distal forearm.
- **Short** style measures 3" (7.6cm) wide and covers approximately half of the forearm. **Long** style measures 6" (15cm) wide and covers approximately two-third's of the forearm.
- Fits either the left or right hand. Trim for a custom fit.
- Hand or machine wash with mild soap and air dry.
- Latex free.



Short Beige	Short Black		Wrist Circumference
NC58606-1	NC58608-1	Small	Up to 6½" (Up to 17cm)
NC58606-2	NC58608-2	Medium	6½" to 7" (17 to 18cm)
NC58606-3	NC58608-3	Large	Over 7" (Over 18cm)
Long Beige	Long Black		Wrist Circumference
NC58609-1	NC58611-1	Small	Up to 6½" (Up to 17cm)
NC58609-2	NC58611-2	Medium	6½" to 7" (17 to 18cm)
NC58609-3	NC58611-3	Large	Over 7" (Over 18cm)



### NORCO™ THUMB WRAP WITH WRIST SUPPORT

*Wraparound thumb piece allows custom sizing.*

- Made of ⅛" (3.2mm) neoloop with a hook closure.
- Provides flexible support for painful wrist and thumb conditions, repetitive strain injury and arthritis.
- Soft material stretches and conforms for comfort.
- Fully adjustable thumb wrap can be trimmed for a custom fit. Fastens with hook and loop.
- Hand wash in cool, soapy water and air dry.
- One adjustable size fits most hands.
- Latex free.

NC15945 Left  
NC15946 Right



### NORCO™ NEOPRENE THUMB SUPPORT

*Soft, flexible neoprene material allows supported movement.*

- Made of ⅛" (3.2mm) neoprene with a hook and loop fastener.
- Provides flexible support for painful wrist and thumb conditions, tendinitis and arthritis.
- Soft material stretches and conforms for comfort.
- Trim the thumb with scissors for IP motion.
- Hand wash in cool, soapy water and air dry.
- Adult size available in beige. Pediatric size available in black. One adjustable size fits most hands.
- Latex free.

#### Adult

NC15952 Left  
NC15953 Right

#### Pediatric

NC15952-P Left  
NC15953-P Right



## COMFORT COOL™ THUMB CMC RESTRICTION SPLINTS

*Comfortable splints provide direct support for the thumb CMC joint while allowing full finger function.*

- Wraparound supports are made of thin, 1/16" (1.6mm) perforated neoprene with a terry cloth liner that helps keep skin cool and comfortable.
- Reinforced stitching allows the splint to be trimmed below the thumb MP joint if desired.
- Hand wash and air dry.
- Anti-microbial and latex-free.
- To size, measure circumference at MP joints along the distal palmar crease.
- US patent 6,702,772

Comfort Cool™ Thumb CMC Restriction Splint

*Contoured strap wraps securely around the thumb CMC joint for support and compression.*



*Adult sizes available in beige or black.*

## COMFORT COOL™ THUMB CMC RESTRICTION SPLINT



- Specifically designed for osteoarthritis and medial subluxation of the thumb CMC joint.
- Provides gentle compression that helps relieve thumb discomfort associated with CMC joint arthritis and/or instability, tendinitis or repetitive motion.
- Contoured neoprene strap wraps around the thumb CMC joint and the first metacarpal for direct CMC joint support.
- Plus sizes are a half size bigger in the hand and a full size larger in thumb circumference to accommodate enlarged thumb conditions.

Black Left	Black Right	Beige Left	Beige Right		Distal Palmar Crease Circumference
NC79546	NC79547	-	-	Toddler	4½" to 5½" (11 to 14cm)
NC79548	NC79549	-	-	Youth	5½" to 6½" (14 to 17cm)
NC79562	NC79563	NC79580	NC79581	Small	6" to 7" (15 to 18cm)
NC79556	NC79557	NC79582	NC79583	Sm. Plus	6½" to 7¼" (17 to 18cm)
NC79564	NC79565	NC79584	NC79585	Medium	7" to 8" (18 to 20cm)
NC79558	NC79559	NC79586	NC79587	Med. Plus	7¾" to 8¼" (20 to 21cm)
NC79566	NC79567	NC79588	NC79589	Large	8" to 9" (20 to 23cm)
NC79560	NC79561	NC79590	NC79591	Lg. Plus	8¾" to 9½" (21 to 24cm)
NC79550	NC79551	NC79592	NC79593	X-Large	9" to 10" (23 to 25cm)



*Pediatric sizes available in black.*

## COMFORT COOL™ WRIST AND THUMB CMC RESTRICTION SPLINT

- This extended version of the wraparound thumb splint (above) supports the wrist for combined conditions such as tendinitis, arthritis, de Quervain's, joint instabilities and post-surgical repair of the wrist and thumb.
- Special pull-through wrist strap requires less hand manipulation, making it easy to adjust and fasten the splint. Wide Neoloop™ strap provides extra support and compression around the wrist.

Left	Right		Distal Palmar Crease Circumference
NC79570	NC79571	Small	6" to 7" (15 to 18cm)
NC79572	NC79573	Medium	7" to 8" (18 to 20cm)
NC79574	NC79575	Large	8" to 9" (20 to 23cm)
NC79576	NC79577	X-Large	9" to 10" (23 to 25cm)

## COMFORT COOL™ THUMB ABDUCTOR STRAP



*Use to treat thumb spasticity, tendinitis, or trigger finger.*

- Made of 1/16" (1.6mm) thick neoprene strap that provides a comfortable stretch for the finger or thumb MP's.
- Use to decrease thumb adductor tone or to position the thumb for optimal hand function. Achieve radial or palmar thumb abduction by relocating the thumb loop on the separate wrist strap.
- Can be used for trigger finger treatment with loop placed around MP and across dorsal hand to wrist strap.
- Fits either the left or right hand. Latex free.
- To size, measure circumference at the wrist crease. Small size is appropriate for some children.

		Wrist Circumference
NC79520	Small	4½" to 5½" (11 to 14cm)
NC79521	Medium	5½" to 7" (14 to 18cm)
NC79522	Large	7" to 8" (18 to 20cm)

Comfort Cool™ Wrist and Thumb CMC Restriction Splint

*Wide Neoloop™ strap adds extra compression around the wrist.*

*Pull-through wrist strap*





# WRIST AND THUMB SPLINTS/ORTHOSES



## COMFORT COOL™ FIRM THUMB AND WRIST SPLINT

*Multiple stays provide greater immobilization of acute soft tissue injuries of the thumb and wrist.*

- Made of 1/8" (3.2mm) perforated neoprene with a terry cloth liner that helps keep skin dry. Circumferential design with D-ring strap closures under double-layer stockinette makes this splint easy to put on.
- Use for acute conditions such as tendinitis, de Quervain's, sprains, strains, instabilities and post-surgical repair.
- Includes two dorsal stays and one volar wrist stay to prevent unwanted flexion and extension while allowing full use of the fingers. Thumb stay prevents unwanted motion of all three joints. Thumb tip can be trimmed for IP flexion. Volar stay is pre-bent to position the wrist in functional extension (approximately 15°). The removable metal stays can be bent to conform for a custom fit.
- Remove metal stays prior to hand or machine washing. Air dry.
- Anti-microbial and latex free.



Left	Right		Distal Palmar Crease Circumference
NC52990	NC52991	X-Small	6" to 7" (15 to 18cm)
NC52992	NC52993	Small	7" to 7 3/4" (18 to 20cm)
NC52994	NC52995	Medium	7 3/4" to 8 3/8" (20 to 21cm)
NC52996	NC52997	Large	8 3/8" to 9" (21 to 23cm)
NC52998	NC52999	X-Large	Over 9" (Over 23cm)

## RHEUMA™ WRIST AND THUMB SPLINT

*Use to prevent wrist and thumb MP joint motion.*

- Made of breathable material with D-ring straps and microfleece lining.
- Use for osteoarthritis, arthritis, instabilities and injuries at the CMC or wrist joints.
- Flexible steel spring provides thumb abduction support. Includes a medium-stability, heat-adjustable palmar wrist stay for customized fitting.
- Remove wrist stay prior to washing in cool, soapy water. Air dry.
- Latex free.



Left	Right		Wrist Circumference
NC75180-0	NC75180-1	X-Small	5" to 5 1/2" (13 to 14cm)
NC75180-2	NC75180-3	Small	5 1/2" to 6 1/4" (14 to 16cm)
NC75180-4	NC75180-5	Medium	6 1/4" to 7 1/2" (16 to 19cm)
NC75180-6	NC75180-7	Large	7 1/2" to 7 3/4" (19 to 20cm)
NC75180-8	NC75180-9	X-Large	7 3/4" to 8 1/2" (20 to 22cm)
NC75180-10	NC75180-11	XX-Large	8 1/2" to 9 1/2" (22 to 24cm)



## COMFORT COOL™ D-RING THUMB AND WRIST SPLINT

*Thumb tip can be trimmed to allow full IP flexion.*

- Made of thin, 1/16" (1.6mm) perforated neoprene with terry cloth liner that helps keep skin dry. Neoprene can be trimmed and will not fray.
- Protects and supports the entire thumb and wrist for conditions such as arthritis, tendinitis, sprains, strains, skier's thumb, gamekeeper's thumb, de Quervain's, wrist instabilities and post-surgical repair.
- Metal volar wrist stay is pre-bent to position the wrist in functional extension (approximately 15°). Volar wrist and thumb stays can be bent to conform as needed and can be removed as the condition improves.
- Remove inserts prior to hand or machine washing. Air dry.
- Two lengths available: **Long** measures 2" (5.1cm) longer than **Regular**.
- Anti-microbial and latex free.

Regular: 6-7" (15-18cm) length			Distal Palmar Crease Circumference
Left	Right		
NC91250	NC91251	X-Small	6" to 7" (15 to 18cm)
NC91252	NC91253	Small	7" to 7 3/4" (18 to 20cm)
NC91254	NC91255	Medium	7 3/4" to 8 3/8" (20 to 21cm)
NC91256	NC91257	Large	8 3/8" to 9" (21 to 23cm)
NC91258	NC91259	X-Large	Over 9" (Over 23cm)
Long: 8-9" (20-23cm) length			Distal Palmar Crease Circumference
Left	Right		
NC91260	NC91261	X-Small	6" to 7" (15 to 18cm)
NC91262	NC91263	Small	7" to 7 3/4" (18 to 20cm)
NC91264	NC91265	Medium	7 3/4" to 8 3/8" (20 to 21cm)
NC91266	NC91267	Large	8 3/8" to 9" (21 to 23cm)
NC91268	NC91269	X-Large	Over 9" (Over 23cm)

## LIBERTY™ NEOPRENE WRIST AND THUMB SPLINT

*Removable thumb stay can be adjusted for use in graded recovery programs.*

- Made of 1/8" (3.2mm) neoprene with a cotton stockinette liner, plus two aluminum stays, one radial thumb and one volar wrist stay.
- Use to immobilize the thumb, for proper healing due to tendinitis and other injuries.
- Both stays can be adjusted for a custom fit. Unique D-ring strap design ensures that the splint will not open completely, for easier donning and doffing.
- Hand wash with mild soap and air dry.
- Latex free.



Left	Right		Wrist Circumference
NC73673-0	NC73673-1	X-Small	Up to 5 3/4" (Up to 14cm)
NC73673-2	NC73673-3	Small	5" to 6" (13 to 15cm)
NC73673-4	NC73673-5	Medium	6" to 7" (15 to 18cm)
NC73673-6	NC73673-7	Large	7" to 8" (18 to 20cm)
NC73673-8	NC73673-9	X-Large	Over 8" (Over 20cm)



## LIBERTY™ LEATHER D-RING THUMB AND WRIST SPLINT

*Provides durable support for common workplace injuries.*

- Made of soft, pliable leather with padding and a soft, fleece-like lining that helps keep skin dry and comfortable. Circumferentially designed with double-layer stockinette under D-ring strap closures for comfort and easy application.
- Use to support the thumb and wrist for cumulative trauma injuries, de Quervain's and tendinitis. Helps decrease pain and inflammation in the wrist and thumb due to arthritis, sprains, strains, joint instabilities, and post-surgical repair.
- Features a wide wrist strap to provide additional support. Wraparound thumb piece accommodates all thumb sizes.
- Includes a metal radial thumb stay, a metal removable volar wrist stay and flexible plastic stays along the dorsal opening for greater immobilization. Metal stays can be bent to conform as needed.
- Clean with leather cleaner or damp sponge and air dry.
- Latex free.

Left	Right		Distal Palmar Crease Circumference	
NC16060	NC16061	X-Small	6" to 7"	(15 to 18cm)
NC16062	NC16063	Small	7" to 7¾"	(18 to 20cm)
NC16064	NC16065	Medium	7¾" to 8⅜"	(20 to 21cm)
NC16066	NC16067	Large	8⅜" to 9"	(21 to 23cm)
NC16068	NC16069	X-Large	Over 9"	(Over 23cm)

## LIBERTY™ LEATHER LONG THUMB SPICA SPLINT

*Stabilizes the thumb and wrist while keeping the palmar area open.*

- Made of durable, black, finished leather with a tan, pig-suede liner.
- Ideal for thumb and wrist arthritis, tendinitis, and de Quervain's.
- Adjustable metal stay along the thumb and wrist can be removed as condition improves.
- Unique soft straps with elastic sections thread through the splint to ensure that splint straps stay connected for easy, one-handed donning and doffing.
- Clean with leather cleaner or damp sponge and air dry.
- Latex free.



Left	Right		Thumb IP to Wrist Crease	
NC75100-1	NC75100-2	X-Small	3⅜" to 3⅝"	(8.6 to 9.2cm)
NC75100-3	NC75100-4	Small	3⅝" to 4"	(9.2 to 10cm)
NC75100-5	NC75100-6	Medium	4" to 4½"	(10 to 11cm)
NC75100-7	NC75100-8	Large	Over 4½"	(Over 11cm)



*Unique wraparound thumb piece ensures a comfortable fit for all thumb sizes.*

## NORCO™ D-RING THUMB AND WRIST SPLINT

*Comfortable, padded cotton support for thumb and wrist injuries.*

- Made of a soft, cotton/polyester fabric blend. Circumferentially designed with double-layer stockinette under D-ring strap closures for comfort and easy application.
- Ideal for cumulative trauma injuries, de Quervain's and tendinitis. Helps decrease pain and inflammation in the wrist and thumb due to arthritis, sprains, strains, joint instabilities, and post-surgical repair.
- Features three straps and a wraparound thumb piece that accommodates all thumb sizes.
- Includes a metal radial thumb stay, a removable volar wrist stay and flexible plastic stays along the dorsal opening for additional stability. Removable metal stays can be bent to conform as needed.
- Machine wash and air dry.
- Latex free.

Regular: 6" to 7" (15 to 18cm) length			Distal Palmar Crease Circumference	
Left	Right			
NC15825-01	NC15825-02	X-Small	6" to 7"	(15 to 18cm)
NC15825-03	NC15825-04	Small	7" to 7¾"	(18 to 20cm)
NC15825-05	NC15825-06	Medium	7¾" to 8⅜"	(20 to 21cm)
NC15825-07	NC15825-08	Large	8⅜" to 9"	(21 to 23cm)
NC15825-09	NC15825-10	X-Large	Over 9"	(Over 23cm)

## NEW 3-POINT® ULTRA SPICA SPLINT

*Designed for comfortable stabilization of the wrist and thumb.*

- Use to reduce the pain of arthritis, tendinitis or conditions caused by repetition and overuse.
- Lightweight plastic is lined in soft felt for cushioning and comfort. Flexible material contours to the hand as it is strapped on. Minor trimming is possible for added comfort.
- Semi-flexible splint provides effective thumb and wrist support while allowing easy donning and doffing.
- Allows daily activities to be carried out or used at night to rest wrist and thumb.
- Supports the thumb and wrist in a neutral position to rest inflamed ligaments and tendons.



Left	Right		Thumb IP to Wrist Length	
NC79035-1	NC79035-2	Small	3" to 3½"	(8 to 9cm)
NC79035-3	NC79035-4	Medium	3½" to 4"	(9 to 10cm)
NC79035-5	NC79035-6	Large	4" to 4½"	(10 to 11cm)



# WRIST AND THUMB SPLINTS/ORTHOSES



Short Length Spica measures 5" to 6" (13 to 15cm) long.



Mid Length Spica measures 7" to 8" (18 to 20cm) long.



Long Length Spica measures 8 1/2" to 9 1/2" (22 to 24cm) long.

## COMFORT COOL™ THUMB SPICA ORTHOSIS

Universal support with moldable thermoplastic insert provides a customized fit.

- Thin, 1/16" (1.6mm), perforated neoprene provides cool, lightweight support and compression. Neoprene can be trimmed and customized easily. Soft, terry cloth liner feels good against the skin.
- Use the special thumb strap to stabilize IP extension or trim the thumb tip below the IP joint for thumb IP motion.
- Three lengths offer varying amounts of support. Use the **Short** and **Mid** lengths to treat thumb CMC and MP arthritis, ligament injuries, MP fusion, tendinitis and joint fractures.
- Use the **Long** length to treat de Quervain's, tenosynovitis, arthritis, wrist and thumb tendinitis, joint fractures and CMC joint arthroplasty.
- Includes a 3/32" (2.4mm) Omega™ Max thermoplastic insert for custom support. Removable insert restricts movement of the wrist and thumb joints and can be trimmed. Pocket helps pad the stay for a comfortable feel against the skin.
- To fit the thermoplastic insert, heat in warm water and mold, then place it into the inside pocket. Or, microwave the insert while it is in the splint, then mold on the patient directly where needed.

Omega™ Max insert.



- Fits either the left or right hand.
- Hand or machine wash. Air dry.
- Short measures 5" to 6" (13 to 15cm) in length. Mid measures 7" to 8" (18 to 20cm) in length. Large measures 8 1/2" to 9 1/2" (22 to 24cm) in length.
- Anti-microbial and latex free.

Trim thumb tip for IP motion.



### Comfort Cool™ Thumb Spica Orthosis Sizing Chart

	Wrist Circumference
Small/Medium	5" to 6 1/2" (13 to 17cm)
Large/X-Large	6 1/2" to 8" (17 to 20cm)



Short Thermo-form™



Mid Thermo-form™



Long Thermo-form™



Palmar view

## THERMO-FORM™ THUMB ORTHOSIS

Comfortable, custom-fit thumb support with the benefits of a molded, thermoplastic orthosis.

- Made of 1/16" (1.6mm) Neo-Tex™, a smooth, comfortable poly-blend material with heat-retaining properties.
- Use the **Short** and **Mid** lengths to treat thumb CMC and MP arthritis, ligament injuries, MP fusion, tendinitis and joint fractures.
- Use the **Long** length to treat de Quervain's, tenosynovitis, arthritis, wrist and thumb tendinitis, joint fractures and CMC joint arthroplasty.
- Latex free.
- Put the thermoplastic insert into the pocket and add hot water to soften and mold.
- Hook and loop closures allow for easy donning and doffing.
- Hand wash in cold, soapy water and air dry.
- X-Small size in short length may be appropriate for some children.



### Short Length: 5" (13cm)

Left	Right	
NC50735-01	NC50735-02	XS
NC50735-03	NC50735-04	S
NC50735-05	NC50735-06	M
NC50735-07	NC50735-08	L
NC50735-09	NC50735-10	XL



### Mid Length: 6 1/2" (17cm)

Left	Right	
NC50736-01	NC50736-02	XS
NC50736-03	NC50736-04	S
NC50736-05	NC50736-06	M
NC50736-07	NC50736-08	L
NC50736-09	NC50736-10	XL

### Long Length: 8 1/4" (21cm)

Left	Right	
NC50737-01	NC50737-02	XS
NC50737-03	NC50737-04	S
NC50737-05	NC50737-06	M
NC50737-07	NC50737-08	L
NC50737-09	NC50737-10	XL

### Thermo-Form™ Sizing Chart

	Wrist Circumference
X-Small	Up to 5 1/2" (Up to 14cm)
Small	5 1/2" to 6 1/2" (14 to 17cm)
Medium	6 1/2" to 7 1/2" (17 to 19cm)
Large	7 1/2" to 8 1/2" (19 to 22cm)
X-Large	8 1/2" to 9 1/2" (22 to 24cm)



## LIBERTY™ SPICA SPLINTS

*Firm yet flexible thumb and wrist support in two styles.*

- Made of lightweight trilaminate foam with wide stretch loop straps and soft lining.
- Offers protection, support and positioning of the thumb and wrist for painful and inflammatory conditions.
- Perforated foam contours to the forearm and provides ventilation for cool, comfortable wear. Easy modification with scissors and a heat gun. Material will not fray.
- Clean with a damp sponge and air dry. Latex free.

### Width at MP Joints

Small/Medium	2½" to 3¼" (6.4 to 8.3 cm)
Medium/Large	3½" to 4" (8.9 to 10 cm)

## LIBERTY™ THUMB SPICA

*Allows thumb IP motion.*

- Wraparound thumb strap provides comfort and allows easy adjustment.
- Approximately 9" (23cm) long.

Left	Right	
NC14640	NC14641	S/M
NC14642	NC14643	M/L

## LIBERTY™ WRIST AND THUMB SPICA

*Secures thumb IP and MP joints.*

- Can be used for post-surgical and post-fracture positioning.
- Extended thumb design holds the thumb IP and MP joints securely.
- Approximately 12" (30cm) long.

Left	Right	
NC14660	NC14661	S/M
NC14662	NC14663	M/L



## LIBERTY™ CMC THUMB SPLINT

*Helps stabilize thumb MP and CMC joints without restricting the wrist and fingers.*

- Available in two models. One is made of supple, top-grain leather for moderate, conforming support. The other is made of stiff, perforated leatherette lined with cotton for firm support.
- Both models have a non-removable, steel, reinforcing bar. Soft, durable, hook strap threads through the wrist area for easy one-handed donning and doffing.
- Supports the thumb MP joint and partially supports the CMC joint.
- Leather model: Clean with leather cleaner. Latex Free.  
Leatherette model: Machine wash and air dry flat. Latex Free.

### Liberty™ CMC Thumb Splint: Leather

Left	Right		IP to Wrist Crease
NC15515-7	NC15515-8	X-Small	3⅜" to 3⅝" (8.6 to 9.2cm)
NC15515-1	NC15515-2	Small	3⅝" to 4" (9.2 to 10cm)
NC15515-3	NC15515-4	Medium	4" to 4½" (10 to 11cm)
NC15515-5	NC15515-6	Large	Over 4½" (Over 11cm)

### Liberty™ CMC Thumb Splint: Firm Leatherette

Left	Right		IP to Wrist Crease
NC16330	NC16331	X-Small	3⅜" to 3⅝" (8.6 to 9.2cm)
NC16332	NC16333	Small	3⅝" to 4" (9.2 to 10cm)
NC16334	NC16335	Medium	4" to 4½" (10 to 11cm)
NC16336	NC16337	Large	Over 4½" (Over 11cm)



## TKO™ (THE KNUCKLE ORTHOSIS)

*Treat boxer's fracture, or reverse for radial gutter splint application.*

- Made of perforated neoprene with hook compatible exterior.
- Indicated for boxer's fracture and other MP and proximal phalanx fractures.
- Straps are infinitely adjustable to accommodate swelling and ensure a comfortable fit. Distal buddy strapping eliminates finger rotation.
- Padded aluminum volar and dorsal stays are malleable for a custom fit.
- Hand wash and air dry.
- One size fits wrist circumference of 4½" to 9½" (11 to 24cm).
- Order opposite hand for use as radial gutter splint.

HW3848-L	Left
HW3848-R	Right





# THUMB SPLINTS/ORTHOSES

Velcro® thumb tab



Loose for active movement.



Fastened to prevent MP flexion.

## RHIZOLOC® CMC STABILIZATION SPLINT

*Stabilizes the thumb CMC and adjusts for MP motion.*

- Made of 1/8" (1.6mm) thick, breathable material with pores that allow air circulation for cool, comfortable wear.
- Velcro® thumb tab allows optional adjustment for restriction of MP joint motion. Fasten the tab to prevent MP flexion or leave loose for active motion.
- Built-in layer of thin, malleable aluminum provides contoured support around the MP and CMC joints.
- Velcro® fastenings ensure ease of handling, fitting and removal.
- To size, measure wrist circumference. Latex free.

Left	Right		Wrist Circumference	Thumb Circumference
NC75101-1	NC75101-2	Small/Medium	4 3/4" to 6 3/8" (12 to 17cm)	2" to 2 3/4" (5.1 to 7cm)
NC75101-3	NC75101-4	Medium/Large	6 3/8" to 8" (17 to 20cm)	2 1/2" to 3 1/2" (6.4 to 9cm)



## RHEUMA™ THUMB SUPPORT

*Comfortable support for the thenar muscles and joints.*

- Made of breathable material. Hook and loop closures allow for easy donning and doffing. Latex free.
- Use in the treatment of arthritis, osteoarthritis, ligament injuries of the CMC or MP joints, and mild hyperextension problems.
- Flexible spring helps stabilize the CMC and MP joints. Spring can be removed for adjustment.
- Hand wash in cold, soapy water and air dry.

Stabilizing spring

Left	Right		Wrist Circumference
NC75170-0	NC75170-1	XS	5" to 5 1/2" (13 to 14cm)
NC75170-2	NC75170-3	S	5 1/2" to 6 1/4" (14 to 16cm)
NC75170-4	NC75170-5	M	6 1/4" to 7" (16 to 18cm)
NC75170-6	NC75170-7	L	7" to 7 3/4" (18 to 20cm)
NC75170-8	NC75170-9	XL	7 3/4" to 8 1/2" (20 to 22cm)



## NEW 3-POINT® ULTRA MP SPLINT

*Fully lined and comfortable to wear, weighing less than an ounce.*

- Semi-flexible splint that allows hand movement with greater ease and comfort.
- Ideal for gamekeeper's or skier's thumb, thumb CMC arthritis, and for thumbs with collapsed or zigzag posture.
- Lightweight plastic lined in soft felt. Flexible material can be contoured by hand and trimmed with scissors as needed.
- Thin enough to be worn inside most gloves, including catchers mitts.
- Moderate control.
- Latex free.

Left	Right		IP Thumb to Wrist
NC79034-1	NC79034-2	S	3" to 3 1/2" (7.6 to 8.9cm)
NC79034-3	NC79034-4	M	3 1/2" to 4" (8.9 to 10cm)
NC79034-5	NC79034-6	L	4" to 4 1/2" (10 to 12cm)



## LIBERTY™ CMC THUMB IMMOBILIZER

*Provides combined immobilization of the thumb CMC and MP joints.*

- Made of lightweight, ultra-thin polypropylene plastic.
- Ideal for arthritis, following dislocations, fractures or sprains, gamekeeper's and skier's thumb.
- Trim with scissors or use a heat gun to flare edges.
- Includes a stockinette liner. Replacement liners sold separately.
- Latex free.



Left	Right		Wrist Circumference
NC79090	NC79091	S	Up to 6 1/2" (Up to 17cm)
NC79092	NC79093	M	6 1/2" to 7 1/2" (17 to 19cm)
NC79094	NC79095	L	Over 7 1/2" (Over 19cm)

NC79100 Replacement Stockinette Liner



## 3-POINT® THUMSAVER™ MP

*Stabilizes the proximal phalanx.*

- Made of ultra-thin polypropylene that can be trimmed with scissors.
- Ideal for Type I and Type III arthritic thumb deformities. Protects gamekeeper's and skier's thumbs. Applies three-point pressure system that stabilizes the MP joint, allowing the hyperextended IP joint to flex.
- Increases pinch force and decreases pain at the MP joint.
- Latex free.

Left	Right		Length from CMC to IP
NC79020	NC79021		2 1/2" to 3" (6.3 to 7.6cm)
NC79022	NC79023		3" to 3 1/2" (7.6 to 8.9cm)
NC79024	NC79025		3 1/2" to 3 3/4" (8.9 to 9.5cm)



Extra soft texture for sensitive areas.

## SOFT PUTTY ELASTOMER™

*Design custom fitted soft splints or add as inserts to thermoplastic splints.*

- Use Soft Putty Elastomer™ to create web space splints and finger separators for improved positioning and protection. Use as an individual splint or as an addition to a hand splint.
- Knead equal parts of the green and white elastomers together and the resulting putty is ready to use. Softening emollients allow easy mixing.
- The cured putty provides great reproduction of detail and is strong and resilient.
- Sets up at room temperature in approximately four minutes.
- One-year shelf life.
- Refer to page 124 for our complete line of elastomers.
- Latex free.



NC15412 12 oz. (340g)

NC15413 32 oz. (907g)



CMC Joint Support



Finger Flexion



Ulnar Collateral Ligament Support

## FRAP STRAP™

*This versatile strap treats five common conditions.*

- Made of 1/8" (3.2mm) thick neoprene with rubberized backing that holds band in position.
- For use with any hand or finger condition that can benefit from support or gentle tension to promote flexion or extension.
- Reinforced slit with hook and loop material make fastening quick and easy.
- Seams are Melco™ taped instead of sewn to eliminate patient chafing.
- Hand wash and air dry.
- One size fits all. Trim to fit.

HW604A



HELY & WEBER



Post-Operative Extensor Tendon



Tendinitis Trigger Finger



## NORCO™ PALM PROTECTORS

*Protect palms and allow finger movement.*

- Constructed of lightweight, closed-cell foam with a hook and loop strap. Lined with a fleece-like synthetic material.
- Soft palm protector allows free finger movement, while helping to prevent finger contractures nail to palm contact or skin breakdown in the palm.
- Machine washable.
- One size fits all.
- Latex free.



NC52250 Left (3)

NC52251 Right (3)



## FINGER CONTRACTURE CUSHION

*Soft pad helps protect the palm.*

- Polyester-filled cushion covered with comfortable, cotton terry cloth.
- Cushion gently separates the fingers and helps prevent them from pressing into the palm due to finger contracture or neurological conditions. Improves hygiene care.
- A 1/4" (6.4mm) wide elastic strap keeps the cushion in the hand.
- Machine wash or commercially launder.
- Latex free.
- To size, measure width at MP joints. Regular measures 3" x 5" (7.6 x 13cm), Large measures 4" x 5" (10 x 13cm).

Package of 3	Width at MP Joints
NC89010 Regular	3" to 3 1/2" (7.6 to 8.9cm)
NC89011 Large	3 1/2" to 4" (8.9 to 10cm)



## PROGRESS™ PALM PROTECTOR

*Trim and shape for truly custom progressive positioning.*

- Made of 3/8" (9.5mm) thick, high-density foam covered with soft fabric and a hook and loop closure.
- Removable finger separators offer finger abduction to assist with tone control and hygiene.
- Fold or roll the palmar flap to achieve the desired thickness. When rolled, the flap can accommodate a small cone or cylindrical foam to ease the hand out of a flexed posture.
- Machine washable.
- Latex free.
- One size fits all. Can be trimmed for a custom fit.



NC25620 Left

NC25621 Right

NC25629 Replacement Finger Separator



# HAND AND FINGER SPLINTS/ORTHOSES



## 3-POINT® COMFORTER SPLINT

*Helps rest and reduce inflammation and morning stiffness caused by rheumatoid arthritis or neurological conditions.*

- Splint base is made of 1/16" (1.6mm) Kydex® material for firm support. Small adjustments can be made using a heat gun.
- Holds the wrist and finger MP's straight while the padded metal finger stays bend around the fingers to reduce ulnar drift.
- Allows full motion of the thumb and finger PIP's and DIP's.
- Quilted cover provides soft padded skin contact. The cover is machine washable. Air dry.
- Latex free.

Left	Right		Width at MP Joints	
NC79028-1	NC79028-2	Small	2 3/4" to 3"	(7.0 to 7.6cm)
NC79028-3	NC79028-4	Medium	3" to 3 3/8"	(7.6 to 8.6cm)
NC79028-5	NC79028-6	Large	3 3/8" to 3 3/4"	(8.6 to 9.2cm)



## LMB SOFT-CORE™

### WIRE-FOAM™ ULNAR DEVIATION SPLINT

*Lightweight, easy-to-adjust splint fits the palmar arch of the hand.*

- Made of bendable wire encased in dense foam for easy shaping.
- Adjustable finger tabs and a dorsal strap support MP joints in slight flexion and neutral alignment. Good night splint for post MP arthroplasty.
- Indicated primarily for rheumatoid arthritis and for light use only.
- U.S. Patent 4,458,694.
- Latex free.

Left	Right		Width at MP Joints	
L202-BL	L202-BR	S	2 1/4" to 2 3/4"	(5.7 to 7.0cm)
L202-CL	L202-CR	M	2 7/8" to 3 1/4"	(7.3 to 8.3cm)
L202-DL	L202-DR	L	3 3/8" to 3 3/4"	(8.6 to 9.5 cm)

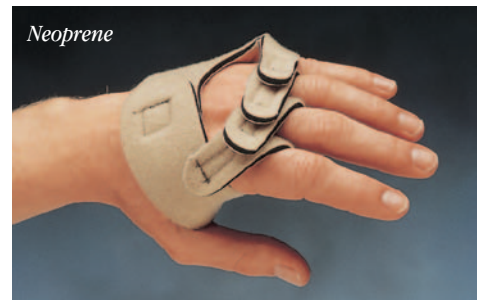


## 3-POINT® POLYCENTRIC HINGED ULNAR DEVIATION SPLINT

*Provides mild to moderate force for correcting ulnar deviation at the MP joints.*

- Made of ultra-thin, 1/16" (1.6mm) Kydex® with soft cushioned finger stays.
- Dorsal-based splint allows for unimpeded grasp and pinch.
- Radial and ulnar polycentric hinges at the MP joints ensure unrestricted MP flexion and extension. Able to open and close the hand naturally.
- Fully cushioned, malleable metal finger stays conform for control and easy donning and doffing.
- Loop wrist strap with hook ends allows easy fastening to splint.
- Latex free.

Left	Right		Width at MP Joints	
NC79070	NC79071	X-Small	2 1/4" to 2 3/4"	(5.7 to 7.0cm)
NC79072	NC79073	Small	2 3/4" to 3"	(7.0 to 7.6cm)
NC79074	NC79075	Medium	3" to 3 3/8"	(7.6 to 8.6cm)
NC79076	NC79077	Large	3 3/8" to 3 3/4"	(8.6 to 9.2cm)



## NORCO™ SOFT MP ULNAR DRIFT SUPPORT

*Supports the MP joints while allowing fingers to move for functional use.*

- Available in neoprene or fabrifoam® material with hook and loop closures.
- **Neoprene** provides warmth and stronger support.
- **fabrifoam®** provides thinner, comfortable support that won't slip.
- Use for support and to maintain neutral alignment of the MP joints in rheumatoid arthritis. Latex free.



### Neoprene Support

Left	Right		Width at MP Joints	
NC73655	NC73660	S/M	2 1/2" to 3 1/2"	(6.4 to 8.9cm)
NC73665	NC73670	M/L	3 1/2" to 4 1/2"	(8.9 to 11cm)

### fabrifoam® Support

Left	Right		Width at MP Joints	
NC73655-F	NC73660-F	S/M	2 1/2" to 3 1/2"	(6.4 to 8.9cm)
NC73665-F	NC73670-F	M/L	3 1/2" to 4 1/2"	(8.9 to 11cm)