

Comfort Cool® Pronation-Supination Splint

Instructions for Care

Hand wash in cool water with mild soap and air dry. Fasten strap during washing.

Instrucciones para el cuidado

Lavar a mano con jabón suave y agua fría y dejar secar al aire. Sujetar la correa durante el lavado

Instructions d'entretien

Laver à la main à l'eau froide et avec un savon doux, puis laisser sécher à l'air. Attacher la bande avant de la laver.

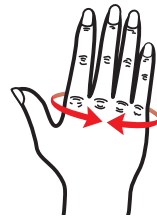
Pflegeanleitung

Mit milder Seife in kaltem Wasser von Hand waschen und an der Luft trocknen lassen. Den Riemen beim Waschen schließen.

Skötselansvisningar

Handtvättas i svalt vatten med mild tvål. Lufttorkas. Sätt fast remmarna när du tvättar.

Left	Right	Size	MP Circumference
NC34800	NC34801	Pediatric	5½" to 6¼" (14 to 16 cm)
NC34802	NC34803	Small	6¼" to 7" (16 to 18 cm)
NC34804	NC34805	Medium	7" to 8" (18 to 20 cm)
NC34806	NC34807	Large	8" to 9" (20 to 23 cm)



MD

60°F (16°C) — 85°F (29°C)



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Comfort Cool® Pronation-Supination Splint



Lightweight, comfortable support.

Férula de pronación-supinación

Attelle de pronation-supination

Pronations-/Supinations-Schiene

Pronations-/supinationssskena



Helps position the upper extremity for improved function, supports thumb prehension, and reduces abnormal tone.

The strap provides dynamic support for supination or pronation of the forearm.

Ayuda a posicionar la extremidad superior para mejorar su función, favorece la presión del pulgar y reduce el tono anómalo.

La tira ofrece un apoyo dinámico para la supinación o pronación del antebrazo.

Aide à positionner le membre supérieur pour améliorer sa fonctionnalité, favorise la préhension du pouce et réduit la tonicité anormale.

La sangle offre un support dynamique pour la supination ou la pronation de l'avant-bras.

Hilft bei der Positionierung der oberen Extremitäten für eine verbesserte Funktion, unterstützt den Dauergreif und reduziert abnormalen Tonus.

Der Wickelriemen stützt den Unterarm bei Supination und Pronation.

Hjälper till att positionera den övre extremiteten för förbättrad funktion, stöder tummens gripfunktion och minskar onormal tonus.

Remmen ger ett dynamiskt stöd för supination eller pronation av underarmen.

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Intended Purpose

Positions the upper extremity for better function, facilitates prehensive use of the thumb, and reduces abnormal tone.

Indications

Suitable for neurological conditions such as CP, CVA, and TBI, brachial plexus injuries, and orthopedic conditions.

Effective for opening a shortened web space due to soft tissue injuries, thumb tendinitis, nerve palsy, or contracture from disuse.

Contraindications

Not for use with severe spasticity, significant fluctuations in tone, or edema.

Do not use if allergic to neoprene or synthetic fibers.

Instructions for Use

Hand Piece:

1. Slide the thumb and index finger into the hand piece with the web space snug up against the inside seam.
2. Wrap the wrist strap around to the back of the hand. To adjust thumb abduction, tighten or loosen the radial side of the hand piece over the wrist strap. (I)
3. Trim the neoprene for a custom fit, as needed. The seams will not unravel.

Achieving Supination:

4. Place the extended hook end of the forearm strap diagonally on the palm side of the hand piece. (II)
5. Pull the strap through the thumb webspace toward the dorsal hand. Attach the strap's second hook piece onto the back of the hand piece. (III) If the web strap is too wide for thumb comfort, trim the edges of the neoprene strap to make it narrower.
6. Wrap the strap around the wrist on the ulnar side, spiraling up to the elbow. Wrap the end of the strap around the elbow area at least once to form a cuff, securing with the separate hook piece. This cuff may be placed just above or just below the elbow, as needed. (IV)
7. To create a stronger pull, hold the arm in the desired supinated position. Rewrap the spiral strap, starting at the hand, pulling it taut as you progress up to the elbow. Trim if needed and refasten the cuff.
8. If alternating between pronation and supination, trim the strap based on supination length to avoid over-trimming.



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Instructions for Use

Achieving Pronation:

1. Place the extended hook end of the forearm strap diagonally onto the back of the hand piece. (V)
2. Pull the strap through the thumb web space, toward the palm. Fasten the strap's second hook piece onto the hand piece. If the web strap fits too wide / the thumb is uncomfortable, the edges of the neoprene strap can be trimmed. (VI)
3. Continue with Supination steps #6-8 (at left) but wrap in the opposite direction to achieve pronation. (VII)

If no special thumb position is desired:

If the thumb does not need to be placed in more abduction or opposition, the end hook section of the spiral forearm strap can be cut off at the second hook piece on the strap. Attach this second hook piece diagonally on the hand piece.

For **supination**, place it diagonally over the dorsal wrist area, pulling the strap toward the ulnar side. (VIII)

For **pronation**, place it diagonally over the palmar area, pulling the strap toward the ulnar side. Wrap it spirally up the arm. The straps do not pass through the web space with this design.

