



Prism™ Gauntlet Thumb Post Splint

Indications:

Immobilization of the thumb in conditions such as acute MCP arthritis, CMC osteoarthritis, rheumatoid arthritis, thumb sprain, median nerve palsy and burns.

Materials Needed:

For precut:

1/12" Prism™ Soft Micro Perforated Gauntlet Thumb Post Splint
Straps (ie NC15960 Splint Strap Kit).

Heating Instructions

Place precut in water heated from 150 to 160° F (66 to 71°C). Do not use water hotter than 160° F (71°C).

Adhering Prism™

Prism™ is coated to prevent sticking when warm. To remove coating where adherence is required, brush NC solvent on material, allow it to set for 1 minute. Lightly rub the surface to remove the coating. Heat both surfaces with heat gun to adhere.

Areas to remove coating are along the radial borders (e and d) of the splint. This can be done before fabricating the splint or during step 6.

Wear and Care

Your Prism™ splint and straps may be hand cleaned using warm tap water, and mild soap and air dried. For your wearing schedule, contact your health care professional.

1/12" Prism™ Soft Micro Perforated
Black Royal Blue

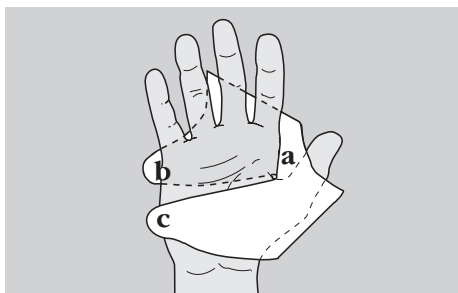
NC15856-1	NC15855-1	Small	2" to 2 7/8"	5.75
NC15856-2	NC15855-2	Medium	2 7/8" to 3 3/8"	8.50
NC15856-3	NC15855-3	Large	3 3/8" to 4 3/8"	11.95

To be used under the guidance of a qualified medical professional.



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Fabrication Instructions:



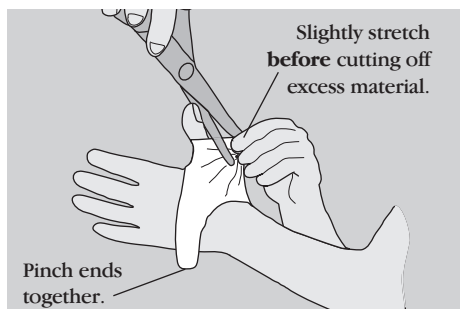
1. Place the warm splint on the hand so that the border [a] lies at the thumb IP, while the dorsal extension [b] lies on the dorsum of the hand and the volar extension [c] lies on the palm.



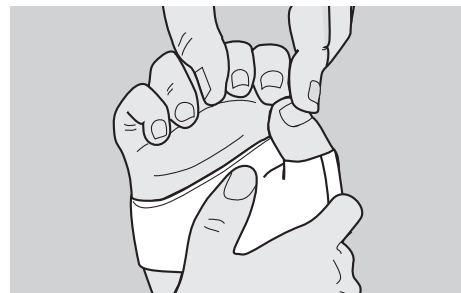
2. To fix the material on the hand:

A. Wrap the radial borders of the thumb piece around the thumb without stretching the material. Firmly pinch borders together so that the thumb piece fits perfectly over the thumb without bubbles or gaps. Make sure the piece reaches the IP joint. Cut or roll the end as needed for IP flexion.

B. Lightly pinch extensions [b] and [c] together at ulnar border of hand.



3. While Prism™ is still warm, trim off excess material at thumb seam. Contour the splint by stretching and conforming the material to the palm and dorsum of the hand.



4. Position the thumb in the desired degree of opposition and hold the position until the material cools and becomes rigid. Move thumb in circular motions inside the splint to allow comfortable thumb space.

5. Remove the splint when cool and trim the distal thumb border to just proximal to DIP, if needed.

6. If the thumb seam can be popped open, apply solvent to the edges of the seam. Allow to set for 1 minute and then rub lightly to remove coating. Heat lightly for few seconds and press edges together. Hold edges firmly together until cool.

7. Make sure the distal opening of the thumb remains large enough for the splint to be slipped on and off easily. Heat lightly in water if needed to gently stretch the distal opening.

Strapping:

Add a strap to connect the ulnar extensions for closure. To adhere sticky back hook, lightly heat the two surfaces (b and c) of the splint with a heat gun for 2-3 seconds. Press sticky back hook in place and hold until material cools.

