



# Armour™ Thermoplastic

## Characteristics

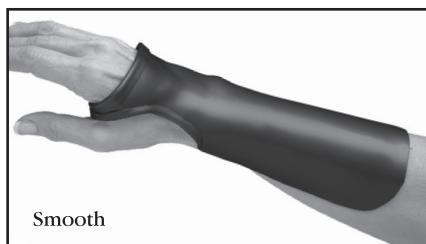
Armour™ Thermoplastic has moderate resistance to stretch and moderate drape. Tolerates minimum to moderate handling during splint molding. 100% memory when remolded. Resists fingerprints. Smooth, self-sealing edges remain sealed even after reheating. Maximum rigidity allows splint to hold its shape against hypertonicity. Allows 2-3 minutes of molding time, after softening in 160° water temperature.

## Indications

Ideal for fabricating orthoses when light to moderate handling is appropriate.

## Instructions For Fabrication

1. Heat material in 160° F (71°C) water for two minutes for optimal heating.
2. Cut warm Armour™ material with scissors. This material is self-sealing when cut and forms neat, finished edges.
3. Roll over edges for comfort and a finished look. Armour™ material normally sets in two to three minutes with a formability time of one to two minutes.
4. Best to handle material in a horizontal plane and allow gravity to assist in forming the orthosis.



5. **Bonding:** Material has a light tack which holds the molded shape in place during molding.

Two pieces of material bonded with hot water will form a firm, but impermanent, bond that can be broken apart or loosened with gentle pressure.

Dry heating two surfaces will form a strong bond. For a permanent bond, gently scrape the intended area to be bonded prior to dry heating.

6. A heat gun or hot water can be used to create finished edges and a smooth surface.

## Instructions For Care

Wash surface using mild soap and cool water. Store at room temperature. Exposure to heat may result in melting or change to shape.

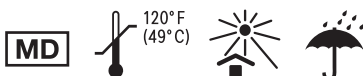
## Instructions For Storage

Store at room temperature, inside its original plastic bag. Exposure to temperatures exceeding 120°F (49°C) may result in melting or changing of shape. Keep away from heat sources such as a hot car, open flames, radiators, or ovens.

## INFINITE SHELF LIFE

*Not made with natural rubber latex.*

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



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