



Indications

Omega™ Black offers maximum control with minimum drape and maximum rigidity. Splints made of Omega™ Black have moderate memory. Use 1/8" thickness to splint larger areas and 3/32" thickness for wrist and hand splints. Edges cut smooth when warm. Traditionally coated surface allows molding over bandages without sticking. Material retains its black, smooth finish without showing fingerprints. Sets up in 3-4 minutes to form firm splints/orthoses.

Instructions for Use

1. To begin splint fabrication, place Omega™ Black in 160° F (71°C) water for 2-3 minutes, or until the material is pliable.
2. Remove Omega™ Black from the water when pliable. Pat dry. Check temperature of the material before beginning to mold the splint on the skin. Use firm pressure to form the splint.
3. Omega™ Black can be reheated and remolded as needed. Dry or wet heat will activate the memory.

Note: To change the contour or design of the splint, spot-heat the area in water or use a heat gun. Keep the material moving to avoid collapsing or over-softening the contours. Due to its memory, the material's molded shape will remain until thoroughly reheated.

4. Omega™ Black is highly resistant to fingerprinting, even with aggressive handling. Pressure marks will disappear if pressure is removed while the material is still warm. If pressure marks remain once the material is cool, heat surface lightly

with a heat gun or briefly dip material in 160° F (71°C) water. Rub gently with your fingertip to "erase" undesirable marks.

5. Bonding:

Temporary

Omega™ Black has a protective coating to prevent accidental self-bonding. To temporarily bond thermoplastic together, pinch the two pieces together firmly while warm and soft. The pieces can be easily pulled apart once fully cooled.

Permanent

To permanently bond thermoplastic together, apply solvent or scrape surface and then use a heat gun to warm the areas that will be adhered, until both surfaces are tacky. Press the two pieces together firmly and allow to cool.

Instructions for Care

Clean with lukewarm, soapy water. Best to store at room temperature. Keep away from heat. Thermoplastic may lose its shape in temperatures exceeding 120°F (49°C).

CAUTION: Thermoplastic may be hot when removed from splint pan. Handle with caution to avoid skin burns.

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



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