



Omega™ Black

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

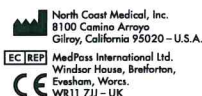
Omega™ Black has a protective coating to prevent accidental self-bonding. To temporarily bond thermoplastic together, pinch the two pieces together firmly while warm and soft. The pieces can be easily pulled apart once fully cooled.

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.

7. Care:

Omega™ Black can be cleaned with lukewarm soapy water. Avoid warm environments as splint will deform at a temperature of 120° F (49° C)

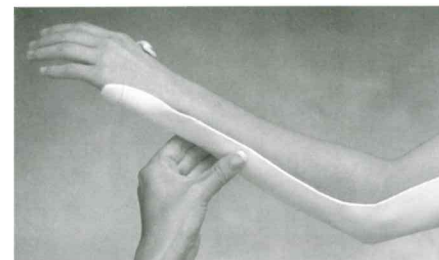


North Coast

Solaris™ Thermoplastic

Indications

Ideal for most splinting needs when moderate to firm handling is appropriate. (i.e. upper & lower extremity positioning orthoses, outriggers, and pediatric non-weightbearing AFOs). Makes it easier to position and mold a splint on a person with abnormal tone or painful contractures. This latex-free material has moderate memory for remolding and a non-coated surface for bonding.



Instructions For Fabrication

1. Place material in 160° F (71° C) water for 1 to 2 minutes, depending on thickness, or until material is pliable.
2. Cut warm material with scissors. Solaris™ may be molded directly onto the skin. Due to tackiness, apply stockinette to help prevent the thermoplastic from adhering to bandages.
3. Solaris™ can be stretched to curve smoothly around corners (elbow, heel) without pinching or buckling. The controlled stretch of Solaris™ allows more aggressive handling so the splinter can use firm pressure to help hold and form the splint.
4. Material normally sets in three to four minutes, with a formability time of one to two minutes.
5. **Bonding:** To temporarily bond two pieces of material together, lightly pinch the two pieces together while warm. The pieces can be pulled apart once fully cooled. For permanent bond, firmly squeeze the warm pieces together and let cool.
6. Solaris™ material can be reheated and remolded a few times. Due to moderate memory, when reheated, the shaped material may shrink back somewhat to its original cut size.

7. Solaris™ is resistant to fingerprinting. Pressure marks will disappear if pressure is removed while the material is still warm. Heat cooled surface lightly with a heat gun or briefly dip material in 160° F (71° C) water and rub gently to "erase" undesirable marks or smooth uneven edges.

Instructions For Care

Clean with mild soap and lukewarm water. However, do not immerse formed splint/orthosis in water greater than 120° F (51° C). Keep splint away from heat sources such as a hot car, open flames, radiators or ovens. Low temperature thermoplastic splints will lose their shape in temperatures over 120° F (51° C).

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

