

Scotchcast™ One-Step Splint

Information and Instructions for Use

Intended Use: Scotchcast One-Step Splint is intended for use in the construction of common orthopedic splints. Specific splinting application suitability should be the responsibility of a qualified, on-site medical professional.

Product Characteristics: Scotchcast One-Step Splint consists of multiple layers of a knitted fiberglass fabric, impregnated with polyurethane resin. It is covered on one side by an air and moisture permeable non-woven fabric, and on the other side by fast drying air and moisture permeable open cell foam, which serves as padding.

Exposure of the splint to moisture or water initiates a chemical reaction which causes the splint to become rigid. A finished Scotchcast One-Step Splint is lightweight, strong and radiolucent.

Storage and Shelf Life: For best results, product should be stored at room temperature, 59-86°F (15-30°C). For shelf life, refer to expiration date which appears on each package. Each splint is packaged in a sealed foil pouch. Care should be taken to avoid puncturing the pouch, as this will cause the splint to harden prematurely in the package. Each pouch should be gently squeezed prior to opening to check suitability for application. The conformable splint should be soft and pliant. Do not use a splint that feels hard. For optimum performance, ROTATE STOCK.

Precautions: Protective gloves are not necessary while handling Scotchcast One-Step Splint. Care should be exercised, however, to avoid contact with unprotected areas of the splint created by trimming or removal of the fabric or foam covering.

Swabbing lightly with alcohol may help in removing resin from the skin and casting equipment if done immediately.

Construction of a Splint: Preparation of the site, wound management, fracture reduction, post-surgical care and general patient supervision should follow established practices.

1. Select the desired size Scotchcast One-Step Splint and remove from the foil pouch.
2. Immerse the splint in clean room temperature (70-75° F) water, squeezing once or twice while submerged. Squeeze out excess water and blot foam side on absorbent surface.

Note: Immersion in warmer water will shorten the hardening time, while cooler water will prolong it. During the curing process the splint will exhibit minimal exotherm.

3. Apply the splint to the extremity with the foam against the skin. The splint can be folded back to determine the exact dimensions. Wrap with an elastic bandage. Molding and forming should be done at this time.

Note: In areas of critical molding, keep your hands in place for 30 seconds to speed hardening. Set time is approximately 3-4 minutes. The splint will continue to gain strength for the first 20 minutes

If you have any questions or comments, in the U.S. please contact the 3M Health Care Customer Helpline at 1-800-228-3957.