Custom Length Splint

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

**Product Characteristics:** Scotchcast Custom Length 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 an air and moisture permeable felt, 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 Custom Length Splint is lightweight, strong and radiolucent.

**Precautions:** Avoid direct skin contact with unprotected areas of the splint created by trimming or removal of the fabric or felt covering.

Protective gloves are not necessary while handling Scotchcast Custom Length Splint.

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

**Product Storage:** Each splint is packaged in a sealed foil pouch, which is housed in a protective cardboard dispensing box. Each dispensing unit contains 15 feet of splinting material. Scotchcast Custom Length Splints should be stored in a cool, dry atmosphere. The splint should feel soft and pliant. Do not use splint material that feels hard.

**Instructions for Use:** Preparation of the site, wound management, fracture reduction, post surgical care and general patient supervision should follow established practices.

**Note:** When using a new dispenser, you must first attach the magnetic door by sliding the slotted brackets onto the top of the metal faceplate. Next, use a sharp instrument to puncture and tear away the foil inside the metal to expose the splint. Special care should be taken to avoid puncturing the foil pouch anywhere except inside the metal faceplate. Close the door immediately.

1. Select the desired width Scotchcast Custom Length Splint. Open magnetic dispenser door using the push button handle. Pull splint out to desired length and cut with scissors. Tuck remaining splint back into the storage cavity and close dispenser door immediately. Premature hardening of the remaining splint may occur if the dispensing door is left open.

2. The felt padding can be stretched at the splint ends to protect the skin from contact with exposed fiberglass. Immerse the splint in room temperature water (70-75°F), squeezing once or twice while submerged. Place the splint felt side down on a towel. Blot out any remaining excess water.

**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. If the splint is immersed in water above 80°F, an increase in exotherm may be noticed.

3. Apply the splint to the extremity with the felt against the skin. 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.A. please contact our 3M Health Care Customer Helpline at 1-800-228-3957.

**Explanation of Symbols:**

⚠️ • Attention, see instructions for use

📅 2000-10 AZ • The lot in a box and the hourglass symbols are symbols that represent lot number and expiration date. The hourglass is followed by a year and month which represent the expiration date (year and month: 2000-10). The entire line after the hourglass represents the lot number (2000-10 AZ).

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