



rolyan[®]

for Hand Therapy.



Ezeform[™]

Overview

Ezeform[™] works like isoprene rubber despite being a polycaprolactone-based splinting material. With high resistance to stretch and moderate conformability, it stays in place while molding, giving the clinician more control. It will not stretch out of shape when removed from a splint bath, making it an excellent choice for medium and large splints and best used when fabricating non-circumferential splints. The uncoated, somewhat tacky surface acts like an extra pair of hands during splint fabrication. This is especially helpful when working with a patient who cannot hold a desired position.

Ezeform has no protective coating and will bond to itself instantly without surface preparation. It can be reheated and reshaped repeatedly, but once it has been stretched, it will not return to its original shape. Ezeform is non-toxic, latex-free and radiolucent.



Key material benefits

Ezeform is the only Rolyan splinting material with a high resistance to stretch and moderate conformability. This gives the clinician maximum control while stretching out the material while also needing less force during formation, helping them produce large and intricate splints.

ENGINEERED & MADE IN THE

USA

Rolyan, where ingenuity and artistry go hand in hand.

Material characteristics

Handling

**Resistance to stretch: Maximum**

Material does not stretch unless pushed or pulled in a direction and then held until cool. Unexpected patient movement will not cause the material to deform, and it will not stretch or deform when removed from splint bath.

**Conformability: Moderate**

Conforms to surface contours and detail when some force is applied. Moderate degree of drape.

**Memory: Minimum**

While it can be reheated and reshaped, the material will not return to its original shape.

**Bonding: Uncoated**

Create a permanent bond by pinching together heated surfaces.

Physical

Colors: Assorted

Beige, charcoal, blue or white

Thickness: Assorted

Available in the following sheet thicknesses: 1/8" (3.2 mm), 1/16" (1.6 mm) and 3/32" (2.4 mm).

Perforations: Assorted

Available in 1 percent, 19 percent or solid material.

Appearance: Opaque when heated

Hardened splint

**Rigidity: Moderate/Maximum (56.4 kpsi*)**

Retains shape without reinforcement.

**Refers to Young's Modulus testing value*

Surface: Smooth

No unwanted fingerprints or markings.

Heating instructions

The recommended method for heating splinting materials is with hot water in a splint bath. A heat gun should only be used for spot-heating and adjustments.

Material thickness	Approximate heating time	Water temperature:		Working time
		Fahrenheit	Celsius	
1/8" (3.2 mm)	1 min	160° to 170°	70° to 75°	4 to 6 min
1/16" (1.6 mm)	35 sec	150° to 160°	65° to 70°	1 to 2 min
3/32" (2.4 mm)	30 to 45 sec	150° to 160°	65° to 70°	2 to 3 min

Note: Overheating splinting materials increases the draping/stretching characteristics; allow material to cool slightly before handling to avoid excess stretching.

Indications

Splinting materials are intended to be used for fabrication of custom-molded rigid splints, orthoses and adaptive equipment.

Best uses include:

- Knee splints
- Shoulder splints
- Hand splints
- Wrist splints
- Elbow splints
- Dynamic splints
- Pediatric splints
- Foot drop splints
- Splints for spasticity
- Carpal tunnel splints
- Back supports
- Burn splints
- Static progressive and serial static splints

Care and cleaning

Store at temperatures between 40° and 90°F (4° and 32°C) and less than 65 percent relative humidity. Avoid prolonged exposure to light, especially ultraviolet. Avoid exposure to corrosive and ethylene oxide fumes.

Formed splints will lose their shape in temperatures over 135°F (57°C) and should be kept away from sources of heat such as ovens, hot water and car windows.

Clean splints with soap and lukewarm water. Allow splint and straps to dry thoroughly before reapplication.

Precautions for finished orthoses

Splint adjustments are to be made only by a health care professional, who is responsible for providing wearing instructions and precautions to other practitioners, care providers and the patient. If unusual swelling, skin discoloration or discomfort occurs, discontinue use and consult a health care professional.

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