

Item No.	Description	Thickness	Size
473BI	3D-LITE Beige	3mm	1/8"x24"x24"
474BI	3D-LITE Beige	3mm	1/8"x24"x36"
475BI	3D-LITE Beige	5mm	3/16"x24"x24"
476BI	3D-LITE Beige	5mm	3/16"x24"x36"
470BI	3D-LITE Beige	7mm	1/4"x24"x24"
471BI	3D-LITE Beige	7mm	1/4"x24"x36"
64936 0000	Silicone Casing	5mm	11 yds
64937 0000	Silicone Casing	7mm	11 yds
64938 0000	Dow Corning Sealant		4.6oz tube
591WI	3D-SAFE Self-adhesive foam		1/8"x1 1/2"x2 3/4 yds
550W5	X-LITE Thermoplastic Hook		2"x20"
550WI	X-LITE Thermoplastic Hook		2"x5 1/2 yd

More information and videos, about using 3D-LITE and our other low temperature thermoplastic material X-LITE, is available at

[www.allardusa.com](http://www.allardusa.com)

# 3D-LITE™

**When you need a custom orthosis or splint today!**

3D-LITE is a great solution for same day custom fabrication of a TLSO, LSO, Humeral Fracture Brace, WHO, Thumb Spica Splint etc.



**allard**USA

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This sample is designed to allow you to feel the 3D-LITE™ material and its unique molding characteristics. It can be used for a thumb spica splint or a WHO.

## I. Soften 3D-LITE

### A. Heat Gun

Temperature 160°-180°

Lay 3D-LITE on safe heating surface such as Teflon sheet and heat material evenly.

### B. Infrared Oven 160°-180°

Depending on thickness 3mm, 5mm, 7mm, heat 2-4 minutes.

### C. Hydrocollator

Heat at 160°-180°

2-5 minutes depending on thickness.

Lay on towel to remove excess water.

## 2. Apply to extremity

Add interface such as a stockinet to hand before applying material. Lay material along the thumb or in the palmar surface so longer direction of triangles in the 3D-LITE go in same direction as long bone. Note: This direction has the greatest strength. Opposite direction has the greatest stretch.

## 3. Mold to extremity

Wrap and shape the 3D-LITE around the thumb or in the palmar surface. For thumb spica splint, pinch material together to seal.

