



## 95-44 Foster Elastolar Sealant

**Colour**  
Aluminium

**Application Consistency**  
Trowel, caulking gun or power extrusion equipment

**Average Weight/ U.S. Gallon (ASTM D 1475)**  
9.3 lbs. (1.1 kg/l)

**Average Non-Volatile (ASTM C 461)**  
52 to 58% by volume (65% by weight)

**Coverage Range (FSTM 72)**  
Trowel: 12 to 25 sq. ft./gal. (0.29 to 0.61 m<sup>2</sup>/l) 1/8 to 1/16 in. (3.2 to 1.6 mm) wet film thickness.  
Caulking gun: 125 linear ft. per 10.5 fluid oz. tube, 1/8 in. bead. (38 m per .31 tube, 3.2 mm bead.) 30 linear ft. per 10.5 oz. tube, 1/4 in. bead. (9 m per .31 tube, 6.4 mm bead).

**Drying Time (ASTM D 15)**  
Touch : 1/2 hours  
Through : 72 hours

**Service Temperature Limits (FSTM 70)**  
(Temperature at coated surface)  
Joint Sealant – Urethane Foam  
Minus 150°F to 200°F (-101°C to 93°C)  
Joint Sealant – Cellular Glass  
Minus 100°F to 250°F (-73°C to 121°C)  
Flashing Compound (Temperature at Flashed Surface)  
Minus 67°F to 250°F (-55°C to 121°C)

**Water Vapour Permeance (ASTM F 1249)**  
0.0092 metric perm at 2.38 mm dry film thickness  
The water vapour transmission through 1 in. of impermeable insulation in 12 x 18 in. blocks with 1/8 in. joints of **Elastolar Sealant** is too small to measure.

**Wet Flammability (ASTM D 3278)**  
Flash point 105°F (41°C)

**Surface Burning Characteristics (ASTM E 84)**  
Flame Spread : 15  
Smoke Developed : 0  
Tested at coverage rate of 25 sq. ft./gal.(0.61 m<sup>2</sup>/l) in 2 in. (5 cm) strip. Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

**Foster Elastolar Sealant** is a fire resistive, flexible butyl base elastomer based vapour barrier sealant. It is designed for sealing joints in insulation (except polystyrene foam), metal and masonry wherever maintenance of a water-tight and air-tight seal is required. It can be used as a joint sealant in low velocity duct air-conditioning systems. It is ideal for sealing the laps of aluminium jacketing to prevent the entrance of moisture.

**Elastolar Sealant** is a fast drying vapour barrier sealant that can be top coated with most solvent-thinned, flexible, light coloured coatings without danger of bleed through. It is weather resistant and may be used outdoors.

**Elastolar Sealant** is the preferred product for flashing projections and terminations where a complete moisture and vapour seal is required.

### Limitations

Store and apply between 40°F and 100°F (4°C and 38°C).

Always test plastic materials for compatibility when using a solvent base product.

Make certain this product is completely dry and the area Free from solvent odour if food is involved.

**FSTM** : Foster Standard Test Method

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## FOSTER ELASTOLAR SEALANT 95-44

### Material Preparation

DO NOT THIN. Apply only to clean, dry, oil free surfaces. Keep container closed when not in use.

### Application

Apply by trowel, putty knife, caulking gun or power extrusion. When sealing insulation joints apply Elastolar Sealant to the edges of abutting sections at 1/16 in. to 1/8 in. (1.6 mm to 3.2 mm) wet film thickness and press mating surfaces together firmly to squeeze out air bubbles and to obtain complete contact. Strike off excess sealant on surface with a trowel. When flashing, do not trowel out to feather edge, but maintain a minimum of 1/8 in. (3.2 mm) wet film thickness throughout entire area of use. Use membrane as specified. For best application, the material temperature should be 16°C or higher.

### Power Extrusion

**Elastolar Sealant** may be applied using a wide variety of power (pressure) extrusion equipment suitable for use with solvent base sealants. Typical viscosity range: 1.5-2.0 million cps.

### Clean-Up

Use solvent such as white spirit or mineral spirits (flammable) for cleaning tools and equipment.

### For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication.

In the course of time changes herein may (have) take(n) place. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published\* shelf life.

\* If not applicable, within 6 months from date of supply.

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