

## Iso-Flex® Lube Adhesive

### PRODUCT DESCRIPTION

Iso-Flex Lube Adhesive is a one-component, non-sag polyurethane sealant for installation of preformed rubber compression seals. No primer is required.

### ADVANTAGES

- No mixing required.
- Non-sag consistency.
- Excellent elastomeric properties
- Excellent adhesion to most substrates.
- Unsurpassed weathering characteristics.
- No priming required on most substrates.

### PACKAGING

Available in 20 oz. foil pack sausages (packaged 12 per carton)

### STANDARD COLORS

Mortar Grey

### APPLICABLE STANDARDS

ASTM C920, Type S, Grade NS, Class 25,  
Use T, NT, M, A & O.

### INSTALLATION

**Joint Design:** Iso-Flex Lube Adhesive will provide a slick surface assisting in compression seal installation and when cured will aid in the sealing process.

### TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Test Results
Tensile Strength	ASTM D412	250 psi
Adhesion-in-Peel	ASTM C794	20 lbs.
Ultimate Elongation	ASTM D412	800%
Hardness (Shore A)	ASTM C661	25 ± 5
Weight Loss	ASTM C792	8% max.
Weep & Sag	ASTM C639	None
Tack Free Time	ASTM C679	4 hrs.
Accelerated Weathering Tests:		
QUV	6000 hrs.	No significant change
EMMAQUA (Accelerated Desert Exposure Test)	2 years	Excellent
Staining	ASTM C510	None
Service Temperature	—	-40°F to 180°F
Application Temperature	—	+40°F to 110°F
Shelf Life @ 75°F / 50%RH		
Foil Packs		6 months
Bulk		3 months (in sealed containers)

**Surface Preparation:** Joint surfaces must be dry, clean, free of dust or form release agents and structurally sound. New concrete and mortar must be fully cured. Primer is not required for common substrates such as concrete, aluminum, brick or unfinished wood.

**Application:** Iso-Flex Lube Adhesive is supplied in a non-sag consistency which will gun easily with conventional caulking equipment. Apply the lube Adhesive to the joint sidewall and tool immediately to ensure full contact with the interfaces of the joint.

**Curing:** Cure time will vary with temperature and humidity. At 75°F and 50%RH, a surface skin will form within 4 hours with full cure in 5 to 7 days, depending upon depth. The cure rate is reduced at lower temperatures and less humidity.

**Cleaning:** Remove all excess sealant and smears adjacent to the joint with solvent as work progresses. Clean application equipment with solvent before sealant cures.

## **PRECAUTIONS**

Use Iso-Flex Lube Adhesive with adequate ventilation and personal protection. Refer to Material Safety Data Sheet for detailed health and safety information prior to use.

## **MAINTENANCE**

Damaged sealant may be repaired in the field using methods approved by the manufacturer.

## **WARRANTY**

LymTal warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

*Revised: 3/11*

## **LymTal International, Inc.**

4150 South Lapeer Road • Lake Orion, MI 48359 • Tel (248) 373-8100 • Fax (248) 373-3480 • [www.lymtal.com](http://www.lymtal.com)