



## FOILMASTIC-UL 181B-FX LISTED Foil Sealant Tape



**Backing Carrier:** Printed 2 mil Foil  
**Adhesive:** Butyl Rubber Adhesive  
**Release Liner:** Blue LDPE Film  
**Standard Colors:** Aluminum  
**Specifications:** UL 181B-FX Listed  
**Note:** Validated by SMACNA R & T Institute\*  
**Standard Sizes:** 2in x 33.3yd

### Applications

- Indoor/Outdoor sealing of low, medium, and high pressure sheet metal duct systems and UL Listed flexible, non-metallic ducts
- Seal cracks and seams in gutters, sheet metal roofing, trailers, and more

### Features

**Aggressive butyl mastic adhesive**

**Conformable foil backing**

**UL 181B-FX Listed**

**Low VOC Content**

### Benefits

- Provides permanent water and air-tight seal
- Resistant to moisture and solvents
- Performs to SMACNA 0.5", 1", 2", 3", 4", 6" up to 10" w.g. pressure classes and seal classes A, B, and C\*
- Repositionable for several minutes for easy install
- Easy to use in tight spaces
- Conforms easily to round, square or odd-shaped objects
- Meets code requirements and can contribute toward requirements for EA Credit 1 (Optimize Energy Performance) under LEED®
- Can contribute toward satisfying EQ Credit 4.1 (Low Emitting Materials) under LEED®

### Typical Test Values

|                                        | Standard UOM  | Metric UOM      | Test Method |
|----------------------------------------|---------------|-----------------|-------------|
| <b>Total Thickness</b>                 | 17 mils       | 0.432 mm        | ASTM D-1000 |
| <b>Foil Thickness</b>                  | 2 mils        | 0.051 mm        | ASTM D-1000 |
| <b>Adhesion to Steel</b>               | 90 oz/in      | 9.85 N/cm       | PSTC-101    |
| <b>Adhesion to Backing</b>             | 40 oz/in      | 4.38 N/cm       | PSTC-101    |
| <b>Tensile Strength</b>                | 23 lb/in      | 40.28 N/cm      | ASTM D-1000 |
| <b>Installation Temperature</b>        | 40 to 80 °F   | 4 to 27 °C      |             |
| <b>Operating Temperature</b>           | -20 to 200 °F | -28 to 93 °C    |             |
| <b>Recommended Storage Temperature</b> | 60 to 80 °F   | 15.6 to 26.7 °C |             |
| <b>Recommended Storage Humidity</b>    | 40 to 60 %    |                 |             |
| <b>Shelf Life (Standard)</b>           | 36 Months     |                 |             |

Values shown are based on laboratory testing and represent typical product characteristics. Actual performance will vary depending on application conditions, and no guarantee of performance is made. The user is responsible for determining suitability for the intended application. No express or implied warranty, including merchantability or fitness for a particular purpose, is made.