

## OVERVIEW

Foil-Grip 1404-181BFX is a UL 181B-FX listed pressures sensitive rolled mastic sealant. The Foil-Grip 1404-181BFX has superior tack for instant grab strength to galvanized metal, flex duct, PVC coated pipe, and PVC coated ductwork for an immediate airtight bond. The foil facer/butyl adhesive composite provides excellent UV resistance coupled with outstanding water resistance. The easy tear provides a fast installation for airtight seals on above and below grade ductwork applications.

## PART NUMBERS

|        |                                |
|--------|--------------------------------|
| 325803 | 1 Case w/ (24) 2" x 100' Rolls |
| 325804 | 1 Case w/ (16) 3" x 100' Rolls |
| 325805 | 1 Case w/ (12) 4" x 100' Rolls |

## SPECIFICATION/STANDARDS COMPLIANCE

| Property            | Method                                                 | Results                                                   |
|---------------------|--------------------------------------------------------|-----------------------------------------------------------|
| Color               | Visual                                                 | Mil Finish Aluminum<br>Printed With Gray<br>Butyl Sealant |
| Backing             | Visual                                                 | 2 mil Aluminum                                            |
| Thickness           | ASTM D3652                                             | 17 mils nominal                                           |
| Peel Strength       | ASTM D3330-83                                          | >10 lbs/linear inch                                       |
| Tensile Strength    | ASTM D412                                              | 20 pli/1400 psi avg.                                      |
| Elongation          | ASTM D412                                              | 560%                                                      |
| Flexibility         | ASTM C765                                              | Excellent/No Cracking                                     |
| Water Resistance    | CSTM. RA 8.0                                           | Pass                                                      |
| VOC                 | EPA Method # 2                                         | 0 g/l                                                     |
| Flame/Smoke         | ASTM E84/UL 723                                        | 5/25                                                      |
| Service Temperature | ASTM D2485/D2243                                       | -20°F to 200°F<br>(-28.8°C to 93.3°C)                     |
| Pressure Test       | Independent 24 Hour<br>Test up to 5/8-inch<br>Diameter | 30 inch w.c.                                              |
| Weather Resistance  | ASTM G53                                               | Passes 2,000 QUV                                          |
| Bond Time           |                                                        | Immediate/Full Bond:<br>15 Minutes                        |
| UL 181B-FX          | UL 181 tested                                          | Passes/Listed                                             |
| NFPA                | 90A & 90B                                              | Class 1                                                   |

## PRECAUTIONS

Surfaces must be clean and free of moisture and contamination. Do not apply this product in areas where temperatures will exceed 200°F (93.3°C). Keep out of the reach of children. DO NOT use where acidic or alkaline chemicals are present (ie., lab fume hood, vents, etc.)

**For Industrial Professional Use Only.**

## APPLICATION

|             |                                                                                                                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature | 35°F to 40°F (1.7°C to 4.4°C)*<br>40°F to 110°F (4.4°C to 44°C)                                                                                                                                                                 |
| Method      | Cut desired length, peel off release liner, apply. <i>Removal or repositioning may damage Foil-Grip 1404-181BFX and surface.</i> Overlap at ends. Use squeegee with adequate pressure to ensure final contact with no wrinkles. |
| Preparation | Surface must be dry and free of dirt, oil and grease.                                                                                                                                                                           |
| Clean Up    | UN-TACK™ or Solvent<br>(Use safe handling practices.)                                                                                                                                                                           |
| Painting    | Use paint appropriate for aluminum                                                                                                                                                                                              |

\* Heat surface prior to application

## STORAGE

|              |                               |
|--------------|-------------------------------|
| Temperature  | 40°F to 110°F (4.4°C to 44°C) |
| Shelf Life   | 24 months                     |
| Flammability | Non-flammable                 |

