



## OVERVIEW

Foil-Grip 1403-181BFX is a UL 181B-FX listed pressure sensitive, 40-year cycle, duct joint and general purpose rolled sealant. Foil-Grip 1403-181BFX provides an instant water resistant grip to most surfaces including sheet metal, duct board, flex duct, PVC coated duct, and duct wrap vapor barriers. Foil-Grip 1403-181BFX is suitable for subgrade application on PVC coated duct and is ideal for replacement applications.

## PART NUMBERS

|        |                                |
|--------|--------------------------------|
| 309781 | 1 Case w/ (24) 2" x 100' Rolls |
| 309780 | 1 Case w/ (16) 3" x 100' Rolls |

## FEATURES AND BENEFITS

- Code Approved
- Zero Dry Time
- Immediate System Testing
- Low Temp Formula
- Ideal for Replacement Applications
- Easy to Use
- No Mess

## SPECIFICATION/STANDARDS COMPLIANCE

|                     |  |   |
|---------------------|--|---|
| Color               | Visual   | Mil Finish Aluminum With Gray Butyl Sealant |
| Backing             | Visual   | 2 mils 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.                        |
| Flexibility         | ASTM C765  | Excellent/No Cracking                       |
| Water Resistance    | CSTM. RA 8.0                                     | Pass  |
| VOC                 | EPA Method #2                                    | 0 g/l                                       |
| Flame               | ASTM E84/UL 723                                  | 0   |
| Smoke               | ASTM E84/UL 723                                  | 5   |
| Service Temperature | ASTM D2485/D2243                                 | -20°F to 180°F (-28.8°C to 82.2°C)          |
| Pressure Test       | Independent 24 Hour Test up to 5/8-inch Diameter | 30 inch w.c.                                |
| Weather Resistance  | ASTM G53   | Passes 2,000 QUV                            |
| Bond Time           | Immediate/Full Bond: 15 Minutes @ 72°F (22.2°C)  |   |
| UL 181B-FX          | UL 181 Tested                                    | Listed                                      |
| VOC Limitation      | SCAQMD Rule 1168                                 | Pass  |
| NFPA                | 90A & 90B  | Class 1                                     |

## APPLICATION

|             |  |
|-------------|--|
| Temperature | 35°F to 110°F (1.7°C to 44°C)  |
| Preparation | Surface must be dry and free of dirt, oil and grease.  |
| Method      | Cut desired length, peel off release liner, apply. Removal or repositioning may damage Foil-Grip 1403-181BFX and surface. Overlap at ends. Use squeegee with adequate pressure to assure complete contact. |
| Clean Up    | UN-TACK™ or Solvent<br>(Use safe handling practices.)  |
| Painting    | Use paint appropriate for aluminum   |

## 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.**



## STORAGE

|              |                               |
|--------------|-------------------------------|
| Temperature  | 35°F to 110°F (1.7°C to 44°C) |
| Shelf Life   | 24 months                     |
| Flammability | Nonflammable                  |



## LEED

|                                  |                |
|----------------------------------|----------------|
| Post-industrial Recycled Content | 0%             |
| Pre-consumer Recycled Content    | 0%             |
| VOC Content                      | 0 g/L          |
| Manufacturing Location(s)        | Weesp, Holland |

|  |   |   |  |                    |   |                       |
|--|---|---|--|--------------------|---|-----------------------|
|    | <b>GENERAL USE TAPES</b><br>773S<br><b>SURFACE BURNING CHARACTERISTICS</b>  |   |  |                    |   |                       |
|  | <table border="1"> <tr> <td colspan="2">APPLIED to INORGANIC REINFORCED CEMENT BOARD+</td> </tr> <tr> <td>FLAME SPREAD .....</td> <td>5</td> </tr> <tr> <td>SMOKE DEVELOPED .....</td> <td>10</td> </tr> </table> | APPLIED to INORGANIC REINFORCED CEMENT BOARD+ |  | FLAME SPREAD ..... | 5 | SMOKE DEVELOPED ..... |
| APPLIED to INORGANIC REINFORCED CEMENT BOARD+  |   |   |  |                    |   |                       |
| FLAME SPREAD .....   | 5   |   |  |                    |   |                       |
| SMOKE DEVELOPED .....  | 10  |   |  |                    |   |                       |
| <small>+Tested as applied in one 50.8 (2 in.) wide strip on center.<br/>(Tape coverage: 11.1 percent of the exposed test sample area).</small> |   |   |  |                    |   |                       |
|    | <b>181B-FX</b><br>17NF<br><b>PRESSURE SENSITIVE TAPES FOR USE WITH FLEXIBLE AIR DUCTS FOR CLASS 1 DUCT</b>  |   |  |                    |   |                       |

