



ventimetal.

## FICHE TECHNIQUE

**DYN/AIR**  
DUCT HARDWARE & NEXUS FLANGE

Contributes to  
**LEED®**  
Credit Requirements

## DUCT SEAL I™ Solvent-Based Duct Sealant

### PART NUMBERS

|        |                                  |
|--------|----------------------------------|
| 303147 | 1 Case w/ (25) 11-oz. Cartridges |
| 303146 | 1 Case w/ (6) 1-Gallon Pails     |

### TECHNICAL DATA

|                       |   |
|-----------------------|---|
| Color                 | Gray  |
| Consistency           | Heavy Brush On                                      |
| Base                  | Synthetic Rubber Resin                              |
| Solvent               | Toluene and Heptane                                 |
| Weight per Gallon     | 8.8 lbs.  |
| Solids Content        | 65%   |
| Viscosity             | 150K - 200K cps                                     |
| Coverage (per gal.)   | Up to 320 lin. ft. at 3" width,<br>20-mil thickness |
| Shore A Hardness      | > 60  |
| Flexibility           | Excellent   |
| Time to Test          | 24 hours  |
| Service Temperature   | -20°F to 200°F (28.8°C to 93.3°C)                   |
| Water Resistance      | Excellent   |
| Mildew Resistance     | Mold & mildew resistant                             |
| VOC                   | 360 g/l   |
| Pressure Classes      | SMACNA ½, 1, 2, 3, 4, 6 and 10<br>inches w.g.       |
| Seal Classes          | SMACNA A, B, C                                      |
| Packaging             | 11-oz. cart., 1 US gal. pail (3.78 Ltr.)            |
| Freeze/Thaw Stability | Passed 5 Cycles                                     |

### SPECIFICATION/STANDARDS COMPLIANCE

| Property       | Method  | Results |
|----------------|---|---------|
| VOC Limitation | ASTM D-2202<br>11-oz. Cartridges:<br>LEED Compliant | Pass    |



DUCT SEAL I is a fiber-free, solvent based, synthetic rubber duct sealant. Its exceptional strength, fast drying time and unmatched flexibility make it ideal for those applications requiring a solvent-based sealant. DUCT SEAL's low-viscosity, no-drip, no-string formulation allows fast application for labor savings and extended coverage for lower installed cost.

### APPLICATION

|             |  |
|-------------|--|
| Temperature | 25°F to 100°F (-3.8°C to 38°C)                         |
| Method      | Brush, putty knife, caulk gun and trowel               |
| Preparation | Surface must be dry and free of dirt, oil and grease.  |
| Rate        | Apply at joints and fasteners<br>20-mil-thick wet film |
| Clean Up    | UN-TACK™ or Solvent<br>(Use safe handling practices.)  |
| Painting    | Allow 72 hours   |

### STORAGE

|              |   |
|--------------|---|
| Temperature  | Below 90°F (32°C)                         |
| Shelf Life   | One year (unopened)                       |
| Flammability | Flammable. Store according to local code. |

### PRECAUTIONS

FLAMMABLE liquid and vapor. Keep away from open flame. May cause flash fire. Contains heptane and toluene solvents. Harmful if swallowed or inhaled. May cause eye irritation. Do not apply this product in areas where intense overexposure is anticipated, or where temperatures will exceed 200°F. Keep out of the reach of children. Review Material Safety Data Sheet for complete safety information prior to use. DO NOT use where acidic or alkaline chemicals are present (ie., lab fume hood, vents, etc.).

### For Industrial Professional Use Only.

|  |
|--|
| UNDERWRITERS LABORATORIES, INC.®<br><b>CLASSIFIED<br/>ADHESIVE</b><br>Surface Burning Characteristics<br>294U<br><small>*Applied to inorganic reinforced cement board</small>  |
| <b>FLAME SPREAD.....10</b><br><b>SMOKE DEVELOPED.....5</b><br><small>*Tested as applied in two 1/4 inch wide strips 8 inches on center at a coverage of 320 lin.ft./gal. Flash point of finished adhesive, closed cup: less than minus 14°C.</small> |
| <b>17NF<br/>UL 181B-M</b><br>Mastic closure systems for use with flexible duct systems or connectors.  |

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HVAC PRODUCTS

DUCT SEAL I TDS 04/25/16



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