



## D-617

### Solvent-Based Duct Sealant

D-617 is specifically formulated with synthetic rubber and selected non-oxidizing resins to provide permanent flexibility, water resistant joint sealant. D-617 is used to seal metal to metal joints against leaks in low, medium and high pressure systems of spiral and rectangular duct work for air distribution systems such as air-conditioning, refrigeration, ventilation, etc. D-617 may also be used to seal joints on run-outs of connecting flexible metal tubing. D-617 has excellent resistance to moisture and oxidation

#### PHYSICAL CHARACTERISTICS

COLOR: Gray

ODOR: Mild in wet state, none when dry.

BASE: Synthetic rubber

VOLATILE MATERIAL: Aliphatic and aromatic solvent

SOLIDS CONTENT: 67% ± 2%

COVERAGE: 50 square feet per gallon

APPLICATION TEMPERATURE RANGE: Over 40°F for best results

SERVICE TEMPERATURE RANGE: 0°F to 180°F

BONDING RANGES: Immediate

SHELF LIFE: Six months in tightly sealed container.

PACKAGING: 1 gallon pail, 10.5 oz cartridge

ASTM D2202: Slump Test: 0.0"

MEETS SMACNA SEAL CLASSES A, B, C.

MEETS REQUIREMENTS OF NFPA 90A AND 90B.

#### UNDERWRITERS LABORATORIES

Classified: Adhesive R-5058

Surface Burning Characteristics Applied To:

Inorganic Reinforced Cement Board

Flame Spread.....0

Smoke Developed.....0

Tested as applied in two 2 inch wide strips 6 in. O.C. on at a coverage rate of 50 sq ft per gal.

Flash point of liquid adhesive, closed cup: less than 68°F (20°C).



#### APPLICATION SUGGESTIONS

Apply by brush, caulking gun or trowel. Surfaces should be free of dirt, oil or grease.

#### DIRECTIONS FOR USE

**Surface Preparation:** Surfaces should be clean, dry and free of oil, grease and any other foreign material.

**Application:** Apply D-617 and brush to male section of spiral duct or to both fittings in rectangular duct. Spread evenly over mating surfaces. Form joint while sealant is wet (within 5-10 minutes) and secure with sheet metal screws applied as close to the joint head as possible. Thoroughly cover joint head and sheet metal screws with a 2" wide band of D-617. Allow assembly to dry for 48-72 hours before pressure testing the system.

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### RECOMMENDATIONS

Do not thin. Do not apply below 40°F. Store at room temperature for 24 hours before using.

### CLEAN UP

Clean tools with mineral spirits, exercising safe practices.

**WARNING:** This product contains silica, quartz, a chemical known to the State of California to cause cancer.

**NOTICE:** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage.

**DANGER!**  
**EXTREMELY FLAMMABLE LIQUID AND VAPOR.**  
**VAPORS MAY CAUSE FLASH FIRE.**  
**VAPOR HARMFUL.**  
**HARMFUL OR FATAL IF SWALLOWED.**

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Please direct all inquiries regarding performance of this product to:

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