



DUCT-SEAL™ 321

Indoor/Outdoor Water Based Duct Sealant

DUCT-SEAL 321 is an **all purpose industrial grade duct sealant** for all types of metal duct, glass fiber duct board, and flex duct, as well as duct fabric and flexible tubing runouts. It includes UV inhibitors for **extended outdoor exposure** and built-in **fiber reinforcement** for **added strength**. This non-toxic water based product is solvent free and is suitable for residential use.

TECHNICAL DATA

Color.....	Gray
Consistency.....	Smooth creamy texture
Base.....	Synthetic latex
Solvent.....	Water
Weight per Gallon.....	10.6 lbs.
Solids Content.....	65%
Viscosity.....	Thixotropic
Coverage (per gal).....	Up to 320 lin. ft. at 3" width 20 mil thickness
Shore A Hardness.....	>20
Flexibility.....	Passes ¼ inch mandrel bend
Time to Test.....	48 hours*
Service Temperature.....	-20°F to 200°F (-29°C to 34°C)
Weather Resistance.....	Weather resistant
Mildew Resistance.....	Mold & Mildew resistant
VOC (less water).....	57.2 g/l (less water)
Pressure Classes.....	SMACNA ½, 1, 2, 3, 4, 6 and 10 inches w.g.
Seal Classes.....	SMACNA A, B, C
Packaging.....	11 oz. cart.(0.32 Ltr.), 1 US gal. pail (3.78 Ltr.), 2 US gal. pail (7.56 Ltr.), 5 US gal. pail (18.9 Ltr.)
Freeze/Thaw Stability.....	Passed 5 Cycles
Specifications Compliance.....	Passes ASTM D-2202, ASTM C-731. USDA, EPA and FDA Approved. LEED compliant SCAQMD Rule 1168.

*May vary according to temperature and humidity

CLASSIFIED
UL
C **UL** **US**

CAULKING AND SEALANTS
94PF

SURFACE BURNING CHARACTERISTICS
FLAME SPREAD..... 0
SMOKE DEVELOPED..... 0

*Applied to inorganic reinforced Cement Board *Tested as applied in one 3 in. (76.2 mm) wide strip, on center covering 16.7 percent of the exposed test sample area) at a coverage of 80 sq. ft/ gal (2 sq. M/L). Flash point of finished sealant, closed cup : No flash to boiling.

UL
LISTED

17NF
UL 181B-M

Mastic closure systems for use with flexible duct systems or connectors.

City of Los Angeles Approval RR #8069

DUCT-SEAL 321 PART NUMBERS

1 Case w/ (25) 11 oz. (0.32 Ltr.) Cartridges.....	304159
1 Case w/ (4) 1-Gallon (3.78 Ltr.) Pails.....	304156
1 - 2-Gallon (7.56 Ltr.) Pail.....	304157
1 - 5-Gallon (18.9 Ltr.)Pail.....	304158

APPLICATION

Temperature.....	35°F. to 110°F. (1.7°C to 44°C)
Method.....	Brush, putty knife, caulk gun, pump
Preparation.....	Surface must be dry, dirt, oil and grease free.
Rate.....	Apply at joints and fasteners to 20 mil thick wet film
Clean Up Wet.....	Soap and water
Clean Up Dry.....	UN-TACK™ or Solvent (Use safe handling practices.)
Painting.....	Only latex or epoxy paints

STORAGE

Temperature.....	35°F. to 110°F. (1.7°C to 44°C) DO NOT FREEZE
Shelf Life.....	One year (unopened)
Flammability.....	Non-flammable



USDA, EPA & FDA APPROVED

PRECAUTIONS

Surface must be clean and free of moisture, contamination and foreign matter. Do not allow this product to freeze. Apply when temperatures will not fall below freezing for at least 36-48 hours, depending on temperature and humidity. Do not apply this product where temperatures will exceed 200°F. Keep out of the reach of children. Review MSDS 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.

For additional information contact:



900 Hensley Lane
Wylie, Texas 75098
Phone: (800) 527-7092 FAX: (972) 442-0076
www.hardcast.com