



DUCT-SEAL™ 321

DS-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. DUCT-SEAL 321 includes UV inhibitors for **extended outdoor exposure** and built-in **fiber reinforcement** for **exceptional 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. (+/- 0.2)
Solids Content	64% (+/- 2)
Viscosity	Thixotropic
Coverage (per gal)	Up to 320 lin. ft. at 3" width 20 mil thickness
Shore A Hardness	>20
Flexibility	Passes 1/4 inch mandrel bend
Time to Test	48 hours*
Service Temperature	-20°F to 200°F
Weather Resistance	Weather resistant
Mildew Resistance	Mold & Mildew resistant
VOC (less water)	79 g/l (less water)
Pressure Classes	SMACNA 1/2, 1, 2, 3, 4, 6 and 10 inches w.g.
Seal Classes	SMACNA A, B, C
Packaging	1/12 gal. cartridges, 1 gal., 2 gal. & 5 gal. pails
Freeze/Thaw Stability	Passed 5 Cycles
Specifications Compliance	Passes ASTM D-2202, ASTM C-731

*May vary according to temperature and humidity

CLASSIFIED	
UNDERWRITERS LABORATORIES INC.®	
CLASSIFIED	
CAULKING AND SEALANT	
SURFACE BURNING CHARACTERISTICS	
94PF	
*Applied to inorganic reinforced Cement Board	
FLAME SPREAD	0
SMOKE DEVELOPED	0
*Tested as applied in two 1/4 in. wide strips, 8 in. on center (covering 2.8% of the exposed sample area) at a coverage of 160 sq.ft. per gallon. Flash point of finished sealant, closed cup: No flash to boiling.	

City of Los Angeles Approval RR #8069

- **INDOOR / OUTDOOR USE**
- **FIBER REINFORCEMENT**
- **NON-SAG FORMULATION**
- **PROVEN RELIABILITY**
- **SUITABLE FOR RESIDENTIAL USE**

APPLICATION

Apply to entire surface of duct joint

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	UNN-GRIP™ 798-ES or Solvent (Use safe handling practices.)
Painting	Only latex or epoxy paints

STORAGE

DO NOT FREEZE

Temperature	35°F to 110°F (1.7°C to 44°C)
Shelf Life	One year (unopened)
Flammability	Non-flammable

PRECAUTIONS

Surface must be clean and free of moisture, contamination and foreign matter. Do not allow this product to freeze. Do not apply this when rain or freezing temperatures will occur within 36 hours. 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:



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