

PART NUMBERS

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

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 11 oz containers: 130 lineal ft. per 11.0 fluid oz. tube, 1/8" bead (40 m per .325 liter tube, 3.2 mm bead.)
Shore A Hardness	>20
Flexibility	Passes 1/4-in. mandrel bend
Time to Test	48 hours*
Service Temperature	-20°F to 200°F
Weather Resistance	Weather resistant
Mildew Resistance	Mold & mildew resistant
VOC	Exempt: 0 g/l Non-Exempt: 93 g/l (less water)
Pressure Classes	SMACNA 1/2, 1, 2, 3, 4, 6 and 10 inches w.g.
Seal Class	Meets Seal Class A
Packaging	11-oz. cart., 1-, 2- & 5-gal. pails
Freeze/Thaw Stability	Passed 5 Cycles

*May vary according to temperature and humidity

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.

**USDA, EPA & FDA
APPROVED**

Duct-Seal 321 is an all-purpose industrial-grade duct sealant for all types of metal duct, fiberglass duct board, duct fabric and flex duct. 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.

APPLICATION

Temperature	35°F to 110°F (1.7°C to 44°C)
Method	Brush, putty knife, caulk gun
Preparation	Surface must be dry and free of dirt, oil and grease.
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

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Freeze Thaw & Heat Cycling	ASTM C-731	Pass
Slump Test	ASTM D-2202	Pass
VOC Limitation	SCAQMD Rule 1168	Pass
Acceptable Indoor Air Concentrations	Michigan Department of Quality Criteria (Part 201/213)	Pass
	US EPA	Pass
	NSF/AWSI Standard 61	Pass
	USDA	Pass
	FDA	Pass
City of Los Angeles Approval RR #8069		Pass

CLASSIFIED		CAULKING AND SEALANTS	
C	UL	US	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.			
LISTED	UL	M	17NF
			UL 181B-M
Mastic closure systems for use with flexible duct systems or connectors.			