



## OVERVIEW

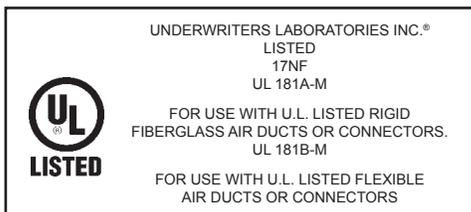
Versa-Grip 102 is a UL Greenguard Gold certified, general-purpose, water-based duct sealant for use on all types of fiberglass duct board and flex duct, as well as fabric and flexible tubing runouts. Versa-Grip incorporates a built-in fiber reinforcement for exceptional strength and even includes UV inhibitors for extended outdoor exposure.

## PART NUMBERS

304152	1 Case w/ (25) 11 oz. Cartridges
304153	1 Case w/ (4) 1-Gallon Pails
304155	(1) 2-Gallon Pail

## FEATURES AND BENEFITS

- Built-in polyester reinforcement
- UV inhibitors
- Mold and mildew resistant
- All-purpose, water-based duct sealant
- LEED v4 Compliant
- UL 181A-M and UL 181B-M Listed
- Made in the USA



## APPLICATION

Temperature	35°F - 110°F (1.7°C - 44°C)
Preparation	Surface must be dry and free of dirt, oil, and grease.
Method	Apply using a chip brush, putty knife, or caulk gun at transverse joints, longitudinal seams, and any duct wall penetration.
Ductboard	For UL-181A-M applications, embed Hardcast scrim after first coat of sealant, followed by a second coat of sealant to cover the scrim.
Rate	Pail: 20 to 30 wet mils at 3" wide Cartridge: bead that completely covers joint
Clean Up Wet	Soap and water
Clean Up Dry	Low VOC UN-TACK™ or Solvent (Use safe handling practices.)
Painting	Only latex or epoxy paints

## 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 (93.3°C). Keep out of the reach of children. Review SDS for complete safety information prior to use. DO NOT use where acidic or alkaline chemicals are present (ie., lab fume hood, vents, etc.)

## STORAGE

Temperature	35°F - 110°F (1.7°C - 44°C) DO NOT FREEZE. If product freezes, return to room temperature before using.
Shelf Life	One year (unopened)
Flammability	Nonflammable

## LEED v4

Post-industrial Recycled Content	0%
Pre-consumer Recycled Content	0%
Total VOC Content	≤0.22 mg/m <sup>3</sup>
Manufacturing Location	Wylie, TX



## SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Color	Visual	White
Rheology		Heavily Textured
Base		Synthetic Latex
Solvent		Water
Weight per Gallon	ASTM D1475	11.6 lbs +/- .5 lbs (5.26 kg +/- .23 kg)
Solids Content	ASTM D2697	73.5% +/- 2%
Viscosity	ASTM D1084 Method B	> 300K cps
Coverage	UL 181	Per Gallon: 320 L.F. @ 20 mils thick by 3" Wide; Per Cartridge: 130 L.F. @ 1/8" Bead
Shore A Hardness	ASTM D2240	> 20
Flexibility	ASTM C765	Passes 1/4" mandrel bend @ -25°F (-31.6°C)
Dry Time*	ASTM D1640	24 hours - Humidity: 50% +/- 5%, Temp: 73°F +/- 3°F (23°C +/- 2°C)
Service Temperature	ASTM D2485/D2243	-20°F - 200°F (-28.8°C - 93.3°C)
Fungus Resistance	ASTM D5590	No Growth
Water Resistance	CSTM. RA 8.0	Pass
Total VOC Content	CDPH/Standard Method V1.2 (Environmental Chamber)	≤0.22 mg/m <sup>3</sup>
VOC (Non-Exempt)	EPA Method #2	38 g/L
VOC (Exempt)	EPA Method	0 g/L
Flame	ASTM E84/UL 723	0
Smoke	ASTM E84/UL 723	0
Pressure Test	Independent 24 Hour Test up to 5/8" Diameter	16" w.c.
Freeze/Thaw & Heat Cycling	ASTM C731	Pass
Freeze/Thaw Stability	UL 181	Passed 5 Cycles
Slump Test	ASTM D2202	<1
VOC Limitation	SCAQMD Rule 1168	Pass
NFPA	90A & 90B	Class 0
USDA Approval		Pass
FDA Approval		Pass
EPA Approval		Pass
City of Los Angeles Approval	RR#8427	Pass
Aging Effects of Artificial Weathering	ASTM C732	Passed @ 1,500 Hours Exposure

\* Will vary due to thickness, humidity, temperature, and air flow.

