



OVERVIEW

Flex-Grip 550 Spray Grade is an all purpose, fiber-free, sprayable duct sealant for use on all types of metal duct, duct fabric and flex duct. Distinguished by its ability to accommodate minor vibration and movement, Flex-Grip 550 Spray Grade stays flexible and will not crack. Flex-Grip 550 Spray Grade's excellent coverage rates and easy spray application provide low installed cost while providing Hardcast's proven reliability.

PART NUMBERS

316207 (1) 50-Gallon Drum

FEATURES AND BENEFITS

- Low-VOC water-based sealant
- Resists cracking from duct movement and vibration
- UL 181 Listed

SPECIFICATIONS/STANDARDS COMPLIANCE

Property	Method	Results
Color	Visual	Gray
Base		Synthetic latex
Solvent		Water
Shore A Hardness	ASTM D2240	> 24
Aging Effects of Artificial Weathering	ASTM C732	Passed @1,500 hr Exposure
Low Temp Flexibility	ASTM D1970	Pass @ -5°F (-20°C)
Flexibility	ASTM D412	Passes ¼" mandrel bend
Water Resistance	CSTM. RA 8.0	Pass
VOC	EPA Method #24	48 g/l
LEED v4	UL 2818	Pass
Flame	ASTM E84/UL 723	0
Smoke	ASTM E84/UL 723	0
Service Temperature	ASTM D2485/D2243	-20°F to 200°F (-28.8°C to 93.3°C)
Pressure Test	Independent 24 Hour Test up to 5/8" Diameter	16" w.c.
Freeze/Thaw & Heat Cycling	ASTM C731	Pass
Freeze/Thaw Stability		Passed 5 Cycles
Time to Test*	ASTM D1640 Humidity 50% +/- 5% Temp 73°F +/- 3°F (23°C +/- 2°C)	24 hours
UL Rating	UL 723	Passes/Classified
VOC Limitation	SCAQMD Rule 1168	Pass
NFPA	90A & 90B	Class 0
Microbial/Mildew Resistance		Sealant will resist microbial growth on its surface
Weight per Gallon		11.6 +/- .5 lbs. (5.26 +/- .23 kg)
Solids Content		66% ±2
Viscosity		> 50,000 cps
Coverage (per gallon)		Approximately 320 L.F. @ 3-inch width, 20 Mil Thickness
Slump Test	ASTM D2202	Pass

*May vary according to thickness, temperature, air flow, and humidity



STORAGE

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

APPLICATION


Temperature	35°F to 110°F (1.7°C to 44°C)
Preparation	Clean and remove all dust and loose particulate from ductwork.
Method	Spray applied via airless sprayer or by hand with paint brush.
Rate	Apply to joints and fasteners at a minimum of 20 mil thick wet film.
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.)


LEED

Post-industrial Recycled Content	0%
Pre-consumer Recycled Content	0%
VOC Content	48 g/L
Manufacturing Location(s)	Wylie, TX



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.



17NF
UL 181B-M
 Mastic closure systems for use with flexible duct systems or connectors.

