



OVERVIEW

Iron-Grip 601 is a GREENGUARD Gold certified, premium, all-purpose, fiber-free, water-based duct sealant for use on all types of metal duct and flex duct, as well as duct fabric and flexible tubing runouts. Distinguished by its ability to accommodate minor vibration and movement, Iron-Grip stays flexible to save call-back labor. Iron-Grip's high viscosity ensures maintaining a 20-30 wet mil thickness.

PART NUMBERS

304137	1 Case w/ (25) 11-oz. Cartridges
304135	1 Case w/ (4) 1-Gallon Pails

FEATURES AND BENEFITS

- Rated at 16" W.C.
- 10-Year Warranty
- Flexible enough to accommodate minor vibration and movement
- Passes ASTM G21 - Fungus Resistant and ASTM D5590
- Passes USDA, EPA, NSF/AWSI
- Department of Homeland Security Approval
- LEED Compliant and Passes SCAQMD Rule 1168
- Mold and mildew resistant
- Fungus Resistant

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Color	Visual	Gray
Weight (per gal)	ASTM D1475	10.7 lbs +/- .5 lbs (4.85 kg +/- .23 kg)
Solids Content	ASTM D2697	63% +/- 2%
UL 181B-M	UL 181 tested	Passed
Viscosity	ASTM D1084 Method B	> 300K
Consistency		Heavy brush-on
Base		Synthetic latex
Solvent		Water
Coverage (per gal)	UL tested	320 L.F. @ 3-inch Width, 20 mil Thickness
Dry Time*	ASTM D1640	24 hours Humidity 50% +/- 5% Temp 73°F +/- 3°F (23°C +/- 2°C)
Aging Effects of Artificial Weathering	ASTM C732	Passed @1,500 hr Exposure
Shore A Hardness	ASTM D2240	> 20
Flexibility	ASTM D412	Passes ¼-inch Mandel Bend
Water Resistance	CSTM. RA 8.0	Pass
VOC	EPA Method # 24	49 g/l
Flame Spread	ASTM E84/UL 723	0
Smoke Developed	ASTM E84/UL 723	0
Service Temperature		-20°F - 200°F (-28.8°C - 93.3°C)
Pressure Test	Independent 24 Hour Test up to ⅝-inch Diameter	16 inch w.c.
Fungus Resistance	ASTM D3273	Pass
Freeze Thaw & Heat Cycling	ASTM C731	Pass
Slump Test	ASTM D2202	Pass
NFPA	90A & 90B	Class 0
VOC Limitation	SCAQMD Rule 1168	Pass
US Coast Guard Interior Finish	46 CFR 164.012	Approved
LEED v4	UL 2818	Pass
Mildew Resistance		Mold & mildew resistant
City of Los Angeles Approval	RR#8069	Pass
Acceptable Indoor Air Concentrations	Michigan Department of Quality Criteria (Part 201/213)	Pass

**May vary according to temperature and humidity



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

STORAGE

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


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.)


For Industrial Professional Use Only.

LEED v4

Post-industrial Recycled Content	0%
Pre-consumer Recycled Content	0%
Total VOC Content	≤ 0.22 mg/m3
Manufacturing Location	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.

