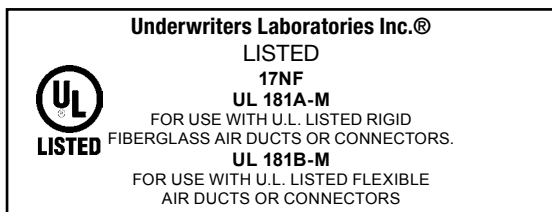


## OVERVIEW

CG-181 is a contractor grade, smooth, reinforced duct sealant for use on all types of metal duct, fiberglass duct board, duct fabric, and flex duct.



## PART NUMBERS

Part #	Product Description	Quantity
342697	1-Gallon Pail (Gray)	Pallet (45 cases w/ 4 pails)
342699	1-Gallon Pail (White)	Pallet (45 cases w/ 4 pails)
354402	1-Gallon Pail (Black)	Pallet (45 cases w/ 4 pails)
342740	2-Gallon Pail (Gray)	Pallet (60 pails)
342741	2-Gallon Pail (White)	Pallet (60 pails)

## SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
UL 181A-M & UL 181B-M	UL 181 Tested	Pass
Flame Spread/Smoke Developed	When tested in accordance to ASTM E84	0/0
NFPA	90A & 90B	Meets requirement of Class 0
VOC	EPA Method #24	Exempt: 0 g/l; Non-exempt: 38 g/l (less water)
VOC Limitation	SMACNA Rule 1168	Pass
GREENGUARD	UL 2818	Pass
Pressure Test	Independent 24 Hour Test up to 1/8" Diameter	16 inch w.c.
Dry Time*	ASTM D1640 Humidity 50% +/- 5% Temp 73°F +/- 3°F (23°C +/- 2°C)	24 hours
Fungus Resistance	ASTM G21	Pass
Water Resistance	CSTM. RA 8.0	Pass

\*Note: May vary according to temperature, humidity, and application thickness.

## FEATURES AND BENEFITS

- Rated to 16" W.C.
- UL 181A-M and UL 181B-M Listed
- GREENGUARD certified
- Meets CDPH Emissions Requirements
- LEED V4 Qualified
- Passes SCAQMD Rule 1168
- Excellent mold and mildew resistance
- Excellent UV resistance
- Built-in polyester reinforcement and UV inhibitors
- ASTM G21 Fungus Resistant
- Made in the USA

## TYPICAL PROPERTIES AND CHARACTERISTICS

Color	Gray, White, Black
Consistency	Smooth texture
Base	Synthetic latex
Solvent	Water
Weight per Gallon	11.6 lbs +/- .5 lbs (5.26 kg +/- .23 kg)
Solids Content	73% +/- 2%
Viscosity	>300K cps
Coverage (per gallon)	Up to 320 lin. ft. at 3" width, 20-mil thickness
Shore A Hardness	>20
Flexibility	Passes 1/4" mandrel bend test
Time to Test*	24 hours (Humidity 50% +/- 5%, Temp 73°F +/- 3°F (23°C +/- 2°C))
Dry Time to Touch*	1 to 2 hours (Humidity 50% +/- 5%, Temp 73°F +/- 3°F (23°C +/- 2°C))
Service Temperature	-20°–200°F (-28.8°–93.3°C)
Flammability	Non-flammable
Water Resistance	Excellent
Mildew Resistance	Mold and mildew resistant
VOC	Exempt: 0 g/l, Non-exempt: 38 g/l (less water)
Pressure Class	Up to 16" W.C.
Seal Class	Meets Seal Class A
Freeze/Thaw Stability	Passed 5 cycles
Slump Test	Pass (ASTM D2202)
Packaging	1-Gallon Pail, 2-Gallon Pail

\*Note: May vary according to temperature, humidity, and application thickness.

## PRECAUTIONS

- Do not allow this product to freeze.
- Apply when temperatures will not fall below freezing for at least 36–48 hours.
- Do not apply this product where temperatures will exceed 200°F (93.3°C).
- Keep out of the reach of children.
- Review Safety Data Sheet for complete safety information prior to use.
- DO NOT use where acidic or alkaline chemicals are present (i.e., lab fume hood, vents, etc.).
- For Industrial Professional Use Only.

## APPLICATION

Temperature	35°–110°F (1.7°–44°C). Keep at 70°F prior to use and for optimum performance. If product temperature falls below 70°F, move it to a warm area until optimum performance is achieved.
Method	Apply using a chip brush or putty knife at transverse joints, longitudinal seams, and any duct wall penetrations. Duct sealant applied in the interior duct must be dry prior to applying duct protection film.
Preparation	Surface must be dry and free of dirt, oil, moisture, and grease.
Rate (UL 181A-M for Ductboard)	Apply 18 wet film thickness, embed Hardcast scrim (AB-151), and apply additional 18 wet mil thickness over scrim.
Rate (UL 181B-M)	Approximately 214–320 linear feet per gallon at 20–30 wet film thickness, 3" width.
Clean Up Wet	Soap and water.
Clean Up Dry	Low-VOC UN-TACK™ Cleaner/Adhesive Remover, petroleum solvents, or mineral spirits.
Painting	Allow 72 hours cure time. Use only latex or epoxy paints.

## STORAGE

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

## LEED®

Post-Industrial Recycled Content	0%
Pre-consumer Recycled Content	0%
VOC Content	Exempt: 0 g/l; Non-exempt: 38 g/l (less water)
Manufacturing Location(s)	Wylie, TX



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