



M-181 High-Strength Fibrous Sealant/Mastic

M-181 is a UL-181A & B-listed non-flammable, water based sealant designed for indoor and outdoor use on conventional high, medium and low-pressure or high-velocity metal, fiberglass and flexible HVAC duct systems. *M-181's* fibrous consistency forms a high-strength, permanently flexible seal.

FEATURES:

- ◆ Highly resistant to mold, mildew, water, extreme temperature changes and aging.
- ◆ Resistant to oil or grease and mildly resistant to diluted alkalis and acids.
- ◆ Easily applied
- ◆ Dries to a tough, flexible seal

SUSTAINABILITY GUIDE

GREENGUARD® Children & Schools Certified

GREENGUARD® Indoor Air Quality Certified

- Contributes to **LEED®** and other green building rating system credits:
 - *LEED-NC* and *LEED-CI EQ Credit 4.1*
 - *LEED for Schools EQ Credit 4*
 - *LEED Core & Shell EQ Credit 4.1*
 - *LEED-EB MR Credit 3*
 - *CHPS® (Collaborative for High Performance Schools) EQ Credit 2.2*
 - *Green Guide for Health Care EQ Credit 4.1*
 - *NAHB Model Green Home Bldg Guidelines – Sect 7, Global Impact 7.1.3*



REGULATORY COMPLIANCE

- SCAQMD (South Coast Air Quality Management District), Rule 1168 – Adhesive and Sealant Applications
- All California Air District Regulations (City of Los Angeles Approved: RR 7988)
- Ozone Transport Commission (OTC) Rule for Adhesives and Sealants

Meets SMACNA Seal Classes A, B, C

Meets requirements of NFPA 90A and 90B



UNDERWRITERS LABORATORIES INC.

Classified: Adhesives R-6891 MH18700
 Surface burning characteristic applied to inorganic reinforced cement board
 Flame Spread.....0
 Smoke Developed.....0
 Tested as applied 1-3" wide strips at a coverage rate of 200 sq. ft./gal. Flash point of liquid adhesive (closed cup), no flash to boiling
 Underwriters Laboratories Listed 181 A-M, 181 B-M Flexible Duct 2R59



LISTED
181B-M
2R59



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High-Strength Fibrous Sealant/Mastic

ASTM C-411 "Hot Surface Performance of High Temperature Thermal Insulation": After 96 hours @ 250° F, no cracking, peeling, chalking, or other signs of physical failure.

ASTM D-2202 "Slump Test" 0.0 inches

ASTM C-732 "Aging Effects of Artificial Weathering on Latex Sealants": After 500 hours, no change in the product.

DIRECTIONS

Surfaces should be free of dirt, oil or grease. Apply by brush, caulking gun, trowel or hand. May be used in conjunction with reinforcing membranes.

PHYSICAL PROPERTIES:

BASE:	Synthetic Polymer	WEIGHT/GALLON:	11.19 lbs/gallon
SOLVENT:	Water	VOC CONTENT:	25.1 g/L (EPA Method 24)
SHELF LIFE:	12 months, unopened	VISCOSITY:	340,000-360,000 cps
SOLIDS:	63.0 +/- 2.0%	OPEN TIME:	1 hour
FLASHPOINT:	N/A	DRY TIME:	24-48 hours
COLORS:	White	COVERAGE:	60-100 square ft. per gallon
FORMALDEHYDE:	No urea formaldehyde added during adhesive manufacturing		

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY
SALE TO CONSUMER IS IN VIOLATION OF FEDERAL LAW**

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Please direct all inquiries regarding performance of this product to:

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