



# MTS300

**MightyTough Fibered Duct Sealant**

GRAY • WATER-BASED

- **LEED® COMPLIANT**
- **INDOOR & OUTDOOR**
- **UL LISTED 181B-M**

**MTS300** is a UL Listed 181B-M, High Velocity, fast drying, non-flammable, high-quality, flexible water based duct sealant with excellent adhesion, specially formulated to meet SMACNA and local codes to pressure-seal all types of HVAC sheet metal air duct systems, and UL Listed flexible duct.



TECHNICAL DATA	
Color.....	Gray
Consistency.....	Fibered creamy texture
Base.....	Synthetic latex
Solvent.....	Water
Weight Per Gallon.....	11.0 +/- .3 lbs. per gallon
Solids Content.....	65% +/- 3%
Viscosity.....	>300,000 c.p.s.
Shore A Hardness.....	>20
Time to Test.....	24 - 72 hours*
Service Temperature.....	-40° F to 220° F
Weather Resistance.....	Excellent
Mildew Resistance.....	Excellent
VOC.....	<2 g/l EPA Method 24
TVOC Emissions.....	Pass, CDPH Standard Method v 1.1
Pressure Classes.....	For all SMACNA Pressure Classes up to 16 inches w.g.
Seal Classes.....	SMACNA A, B, C
Packaging.....	1 US Gal. pail,
Freeze/Thaw Stability.....	Passed 5 cycles

\* May vary according to temperature and humidity

APPLICATION	
Temperature.....	35° F to 110° F
Method.....	Brush, putty knife, caulk gun, pump
Preparation.....	Surface must be dry, dirt, oil and grease free.
Coverage Rate.....	Apply 3" band width at joints & fasteners to: <ul style="list-style-type: none"> <li>• 1/16" thick (64-84 mils) at 19-25 sq.ft./gal for UL181 Listed Flexible Air Ducts</li> <li>• 1/32" thick at 50 sq.ft./gal for use with Sheet Metal Ducts</li> </ul>
Clean-Up Wet.....	Soap and warm water
Clean-Up Dry.....	Solvent (use safe-handling practices.)

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 24 to 72 hours, depending on temperature and humidity. Do not apply this product where temperatures will exceed 220° F. Keep out of reach of children. Review SDS for complete safety information prior to use. DO NOT use where acidic or alkaline chemicals are present (i.e. lab fume hoods, vents, etc.)

**For Industrial Professional Use Only.**

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STORAGE	
Temperature.....	40° F to 110° F. <b>DO NOT FREEZE</b>
Shelf Life.....	One year (unopened)
Flammability.....	Non-flammable

CAULKING AND SEALANTS	
<b>4KW3</b>	
SURFACE BURNING CHARACTERISTICS	
C US	
FLAME SPREAD.....	5 0
SMOKE DEVELOPED.....	0 0
Applied to Inorganic Reinforced Cement Board.	
Tested as applied in two 50mm (2 in.) wide strips 200mm (8 in.) on center. (Coverage: 22.2% - 23% of the exposed test sample area)	

SPECIAL CHARACTERISTICS	
• UL 723 Classified	• UL Listed 181B-M
• Permanently Flexible	• Mild Odor
• Non-Flammable	• Indoor or Outdoor Use
• Exceptional Workability	• Very Good UV, Water & Mold Resistance
• Will Not Drip or Sag	• Paintable - Latex or Epoxy
• Non-Cracking Formula	• Qualifies for LEED™ Credit EQ 4.1
• Low Brush Drag & Spreadability	• Conforms to Requirements of:
• Reduces Labor Cost	NFPA 90A and 90B, CDPH v 1.1
• Low Shrinkage	FDA, USDA, EPA & SCAQMD Standards
• Excellent Adhesion to Metal	ASTM C731, ASTM 2202



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