



Ideal Tape® Flex Seal® 450, UL 181B-FX Listed Flex Film Tape

PRODUCT DESIGN

Flex Seal 450 is a printed biaxially-oriented polypropylene (BOPP) film with a high performance solvent acrylic adhesive system. Flex Seal 450 is a UL Listed tape, printed for code compliance and identification. 450 is available in two colors: black with white print and metallized silver with black print.

APPLICATION

Flex Seal 450 is specifically designed for use as a closure system on Class 1 flexible air ducts and connections in HVAC applications.

PERFORMANCE FEATURES

- UL 181B-FX Listed
- Resistant to mold growth and high humidity
- Provides superior adhesion to flex duct
- Not affected by extremes in temperature

PHYSICAL PROPERTIES	VALUE	METHOD
Tape Thickness	3 mils (0.08 mm)	PSTC-133
Peel Adhesion	33.5 oz/in (9 N/25mm)	ASTM D3330
Tensile Strength	29 lbs/in (127 N/25mm)	ASTM D3759
Operating Temp. Range	-65°F to 212°F (-54°C to 100°C)	
Surface Burning Characteristics	<25/50 flame spread/smoke developed	UL 723, ASTM E84

CLASSIFICATIONS

UL 181B-FX Listed File #MH15871

All product properties are measured in accordance with Pressure Sensitive Tape Council and/or ASTM test methods. The physical properties listed above are typical values and are not to be construed as specifications. Our suggestions and recommendations for use are based on tests we believe to be reliable. However, the purchaser must determine the suitability of the product for his intended use. Ideal Tape Co., assumes no liability for claims beyond the replacement value of our product proved to be defective. Note: Tape should be stored in its original packaging in a cool, dry area (60°F to 80°F and 50% relative humidity) away from direct sunlight. Tape should be used within 36 months from the date of manufacture. Application surfaces should be clean, dry and free of grease, oil or other contaminants. VB 012026

