

Product Design

Ideal's Flex Seal 450 is a printed polypropylene film with a high performance acrylic adhesive system. The product is available in two colors: black with silver print and silver metallized with black print.

Application

Flex Seal 450 is specifically designed for use as a closure system on flexible air ducts and connections, but it can also be used for sealing metal duct and metal connections in HVAC systems.

Performance Features

- ✓ **UL 181B-FX approved**
- ✓ **Protects** against flame spread and smoke generation
- ✓ **Resistant** to mold growth
- ✓ **Not affected by extremes in temperature**
- ✓ Provides **superior adhesion** to polyethylene and metal
- ✓ **Contractor friendly** (Hand tearable, conformable, flexible)

Physical Properties	Value
Backing Type	BOPP
Total Thickness	3 mils (0.08mm)
Adhesion to Steel	50 oz/in (13.7 N/25mm)
Adhesive System	Acrylic
Tensile Strength	30 lb/in (131 N/25mm)
Maximum Temperature	212° F (100° C)
Color	Black, Silver Metallized
UL 723 Ratings	Flame Spread 5 Smoke Detected 5

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. 01/2016 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 12 months from the date of shipment. Application surfaces should be clean, dry and free of grease, oil or other contaminants.

CV450/0316

