



# Ideal Seal® 587 A/B, UL 181A-P, UL 181B-FX Listed Foil Tape

## PRODUCT DESIGN

Ideal Seal 587 A/B is a premium grade 2.3 mil aluminum foil coated with a permanent acrylic adhesive on a paper release liner. Ideal Seal 587 A/B is a UL Listed tape, printed for code compliance and identification.

## APPLICATION

Ideal Seal 587 A/B is a pressure sensitive closure for use on both rigid and flexible Class 1 Air Duct Systems and connectors. 587 seams and seals sheet metal HVAC duct systems against air leakage. All duct work should be installed per SMACNA guidelines and/or the insulation manufacturers' guidelines. All surfaces should be clean and dry prior to tape application.

## PERFORMANCE FEATURES

- Creates a sealed system
- Conformable soft aluminum foil backing meets UL requirements and provides easy handling and efficient application
- High performance acrylic adhesive system provides exceptional adhesion in a wide range of conditions—including down to -25°F (-31.7°C)
- Operating Temp. Range -20°F to 350°F (-29°C to 177°C)

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Tape Thickness	4.6 mils (0.12 mm)	PSTC-133
Peel Adhesion	>60 oz/in (16.0 N/25 mm)	PSTC-101
Shear Adhesion: 50% RH		ASTM D3654
40°F (4.44°C)	>6 hours	
73.4°F (23°C)	>120 hours	
150°F (65.56°C)	>6 hours	
Tensile Strength	>25 lb/in (109 N/25 mm)	PSTC-131
Fungi Resistance	No mold spread or growth	
Temperature/Pressure Cycle Test	50,000 cycles/no rupture	
Surface Burning Characteristics	<25/50 flame spread/smoke developed	UL 723

## CLASSIFICATIONS

UL 181A-P, UL 181B-FX Listed File #MH15871

This product is 100% made in the USA of US-sourced components, making it compliant with Buy America and the Buy American Act

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 24 months from the date of manufacture. Application surfaces should be clean, dry and free of grease, oil or other contaminants. NS 112823

# IDEAL SEAL®

**Ideal Tape Co., Inc.**

1400 Middlesex Street, Lowell, MA 01851

Toll Free: 800-229-9148 • [WWW.IDEALTAPE.COM](http://WWW.IDEALTAPE.COM)