



Ideal Seal® 490, UL 181A-H Listed Heat Seal

PRODUCT DESIGN

Ideal Seal 490 offers a consistent and dependable closure method for fiberglass duct systems. 490 is made with a laminated aluminum foil/fiberglass scrim backing and a heat activated adhesive system.

APPLICATION

Ideal Seal 490 is designed for use in sealing joints and seams in fiberglass duct board insulation systems. To achieve maximum performance, use a duct board iron or closure machine, heated to a constant 575°F with a coverage rate of 4' per 10 seconds.

PERFORMANCE FEATURES

- Heat activated Surlyn® adhesive system provides a high performance bond in a variety of temperature and humidity conditions
- Temperature indicators turn black when heated properly
- No release liner, so less downtime and clean up on the job site

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Tape Thickness	7.0 mils (0.18 mm)	PSTC-133
Peel Adhesion	>72 oz/in (19N/25mm)	PSTC-101
Shear Adhesion: 50% RH		PSTC-101
40° F (4.44° C)	>6 hours	
73.4° F (23° C)	>120 hours	
185° F (85° C)	>6 hours	
Tensile Strength	>25 lb/in (109 N/25 mm)	PSTC-131
50,000 Cycle Test	No Rupture	
Surface Burning Characteristics	<25/50 flame spread/smoke developed	UL 723

CLASSIFICATIONS

UL 181A-H 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 12 months from the date of shipment. Application surfaces should be clean, dry and free of grease, oil or other contaminants. NS 112823

IDEAL SEAL®

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