



Ideal Seal[®] 490, UL 181A Foil Tape

PRODUCT DESIGN

Ideal Seal 490 offers a consistent and dependable closure method for fiberglass duct boarding 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 of an approved heating iron or closure machine is recommended.

PERFORMANCE FEATURES

- UL 181A-H listed for use on all fiberglass duct board insulation systems
- Heat activated Surlyn[®] adhesive system provides a high performance bond in a variety of temperature and humidity conditions and color change system indicates the correct application temperature for achieving a permanent bond
- No release liner, so less downtime and clean up on the job site

PHYSICAL PROPERTIES	VALUE	TEST METHOD
Total Thickness	7.0 mils (0.18 mm)	PSTC-133
Adhesive System	Heat Activated Surlyn [®]	
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	Exceeds 25 lb/in (109 N/25 mm)	PSTC-131
50,000 Cycle Test	No Rupture	
UL 723 Ratings	Flame Spread – passed	UL 723
	Smoke Developed – passed	

CLASSIFICATIONS

UL 181A-H Listed

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. MK-073021

IDEAL SEAL[®]

Ideal Tape Co., Inc.
1400 Middlesex Street, Lowell, MA 01851
Toll Free: 800-229-9148 • WWW.IDEALTAPE.COM