

IDEAL SEAL[®]

777

UL Classified
UL 723 Rated

USCG COA Number 164.112/160/0

Product Design

Ideal Seal 777 is a high performance 6-ply laminate that provides a total vapor barrier and complete moisture protection for insulation cladding and jacketing applications. Our unique design offers easy installation and repositioning. Ideal Seal 777 is a performance system that delivers savings in time, labor and costs.

Performance Features

- ✓ Ideal Seal 777 performs in a **wide range of temperatures**
- ✓ 6-ply laminate backing provides superior **tear and puncture resistance**
- ✓ **Exceeds UL 723 requirements** for Flame Spread and Smoke Developed
- ✓ **Coast Guard Approval** - USCG COA Number 164.112/160/0
- ✓ **Antimicrobial treatment** inhibits mold growth
- ✓ Functions as a **non-permeable vapor barrier** - assures the integrity of the insulation system
- ✓ **Compliant with FDA regulation:** CFR 175.105 for indirect food contact
- ✓ Available in **three finishes:** Aluminum, Embossed Aluminum, White*

* Features Cool Roof™ technology

Physical Properties	Value	Method
Backing Thickness	Aluminum: 7.5mils (0.19mm) / Embossed Aluminum: 10 mils (.25mm) / White: 10.5 mils (.27mm)	Micrometer
Adhesive System	Cold Seal Acrylic	Acrylic
Adhesion to Steel	80 oz/in (2,234 g/25mm)	PSTC-1
Thermal Integrity High Temperature	150° F (No cracking/No delamination)	ASTM C1263
Thermal Integrity Low Temperature	-20° F (No cracking/No delamination)	ASTM C1263
Tensile Strength	4,400 (psi)	ASTM D882
Total Energy	230 lbs/in	ASTM D882
Elongation at Break	270.0%	ASTM D882
Tear Strength	9 lbs	ASTM D624
Water Vapor Transmission	< 0.005 US Perms	ASTM E96 Procedure A
Dimensional Stability (150° F-24hrs)	< 0.1%	ASTM D1204
Mold Resistance	No mold growth	ASTM C1338
Fire and Smoke Ratings	Exceeds 25/50 Flame/Smoke Rating	UL 723

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. CV777/0219

