



R-SEAL 3000

Tape for Insulation Joints

ACCESSORIES
TAPE
FLASHING
LIQUID TAPE

PRODUCT DESCRIPTION

R-SEAL 3000 is a nominal 2mil high strength dead soft aluminum foil coated with cold weather acrylic pressure sensitive adhesive. The malleable foil conforms to irregular surfaces and applies easily to both fibrous and sheet metal ducts. R-SEAL 3000 excels in demanding temperature and humidity applications and provides superior performance and durability over a wide range of environmental conditions.

COMPLIANCES

- UL723 (5/10 Flame Spread/Smoke Rating)
- DrJ TER 1212-03
- Specifically designed for cold weather conditions
- Approved component of the High Velocity Hurricane Zone system, R-Trac (HVHZ)
 - Florida Building Code Approval #FL16406
- Approved component for use within the ECOMAXci™ Wall Solution
 - Water-Resistive Barrier Component
AC71: ASTM E331, AATCC Test Method 127
 - Air Barrier System Component
ASTM E2357, CAN/ULC-S742 (A1)

PRODUCT CONSTRUCTION



PRODUCT DATA

| Item | Roll Width | Roll Length | Rolls/Case |
|---------------|------------|-------------|------------|
| R-SEAL 3000-4 | 4 inches | 150 feet | 12 |
| R-SEAL 3000-5 | 5 inches | 150 feet | 8 |

TYPICAL PHYSICAL PROPERTIES

Typical values shown in the chart below are not intended to be used for specification development. Technical data is believed to be true and accurate. Except when used within the ECOMAXci™ Wall Solution, Rmax recommends that the purchaser test for fitness of use in all applications.

| Test | Typical Value | Typical Value (metric) | Test Method |
|----------------------------|-------------------|-------------------------------|-------------|
| Product Thickness Ω | 3.4 mils | 0.08 mm | PSTC- 133 |
| Backing Thickness (mils) | 1.75 mils | 0.04 mm | PSTC- 133 |
| Peel Adhesion Δ | 45 oz/in | 12.5 N/25 mm | PSTC- 101 |
| Shear Adhesion | >24 hrs @ 2.2 psi | >24 hrs @15.2 kPa | PSTC-107 |
| Tensile Strength | 21 lb/in | 94.9 N/25 mm | PSTC- 131 |
| Elongation | 4% | 4% | PSTC- 131 |
| Water Vapor Transmission | 0.00 perm | 0.0 ng/(Pa.s.m ²) | ASTM D3833 |
| Installation Temperature | 0°F (min) | -17°C (min) | |
| Operating Temperature | -40 to 250°F | -40 to 121°C | |

Ω - excluding liner

Δ - 20 minute dwell

APPLICATION/INSTALLATION

- All surfaces to which the tape is to be applied should be free of moisture, oils, dust, dirt and other debris that could inhibit adhesion. Clean surfaces with a dry cloth as necessary.
 - Center tape over surface to be sealed, e.g., board joint, fastener plate, etc.
 - Do not allow the tape to form voids or buckle as it is applied.
 - Wipe tape firmly from center out with feathering tool or hand roller to smooth out wrinkles. Applying more pressure yields more surface contact, and therefore, creates a greater bond.
 - Do not tear tape, cut with scissors or knife.
 - NOTE: For optimal performance, maintain a minimum of 3/4" coverage beyond the area to be sealed.
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