

Single-Coated Aluminum Foil Tape



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Surface Preparation

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil.

Temperatures

| | | |
|---------------------------------|--------|-------|
| Min Application Temp | 50° F | 10° C |
| Max Continuous Operating Temp | 175° F | 79° C |
| Max Intermittent Operating Temp | 200° F | 93° C |

Storage and Shelf Life

One year when stored at 70°F (21°C) 50% RH out of direct sunlight.

PRODUCT DESCRIPTION

Applications

Suitable for die-cut shapes, shielding, moisture and vapor barrier sealing components or lamination to insulation materials.

Features

Highly conformable dead-soft 1.2 mil foil face stock
 Quick-stick rubber-based adhesive
 Strong bleached 40# densified kraft liner

Benefits

Conformable foil bonds to curved contoured surfaces
 Strong bond to a variety of substrates
 Product reliability
 Made in the USA

PRODUCT DATA

Product Construction

| | | Test Methods: PSTC-133 | |
|----------|----------------------|------------------------|------|
| | | US Mils | MM's |
| Carrier | Aluminum Foil | 1.2 | 0.03 |
| Adhesive | Rubber Based | 1.5 | 0.04 |
| Liner | 40# Calendered Kraft | 2.5 | 0.06 |
| | Total Construction | 5.2 | 0.13 |

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Adhesive Properties

Peel Adhesion

Product 180° 12" min Initial

| Substrate | Lbf / in | US Oz / in | N / Meter |
|-----------|----------|------------|-----------|
| SS | 7.7 | 123 | 1348 |

Test Method(s): PSTC-101, ASTM D-3330, STD-10

Static Shear

Product @ 72°F / 22°C 1/2" sq (3.25 cm²) 2.2 lbs (1 kg)

| Substrate | Min to Fail |
|-----------|-------------|
| SS | > 10,000 |

Test Method(s): PSTC-107, ASTM D 3654, STD-9

Static Shear

Product @ 150°F / 65°C 1" sq (6.5 cm²) 10 lbs (4.5 kg)

| Substrate | Min to Fail |
|-----------|-------------|
| SS | > 10,000 |

Test Method(s): PSTC-107, ASTM D 3654, STD-9