

Scotch[®] Foil Tape 3311



Technical Data

June, 2007

Product Description

Scotch[®] Foil Tape 3311 is an aluminum alloy foil with a pressure-sensitive adhesive and paper liner. The aggressive rubber adhesive sticks well to most surfaces and the paper liner makes for convenient and reliable use.

Product Construction

| Backing | Adhesive | Color | Standard Roll Length | Standard Roll Width |
|---------------------------|----------|--------|---|----------------------------------|
| 2 mil aluminum alloy foil | Rubber | Silver | 10, 50 & 600 yds. (9.14, 45.7 & 548.6 m) | 2 & 60 in. (50.8 mm & 1.52 m) |

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

| | | ASTM Test Method |
|--------------------------------|--------------------------------------|------------------|
| Adhesion to Steel: | 90 oz./in. width (98 N/100 mm) | D-3330 |
| Tensile Strength: | 17 lbs./in. width (298 N/100 mm) | D-3759 |
| Elongation at Break: | 3% | D-3759 |
| Total Thickness: (no liner) | 3.6 mils (0.09 mm) | D-3652 |
| Flame Spread Index: | 10 | E-84 |
| Smoke Developed Index: | 5 | E-84 |
| Application Temperature Range: | +10°F to +180°F (-12.2°C to +82.2°C) | |
| Temperature Use Range: | -10°F to +180°F (-23.3°C to +82.2°C) | |

Features

- UL 723 rated for flame and smoke characteristics.
- Can be used under all weather conditions.
- Matches aluminum foil-faced duct systems and insulation.
- Designed for maximum adhesion over clean, dry surfaces. For best results, always use an application squeegee.
- Resists water vapor, odor and smoke transmission.
- Extremely conformable backing.
- Can be used over a wide temperature range.
- Acts as a vapor barrier to insure the integrity of the insulation system.

Application Ideas

- Ideal for sealing aluminum faced insulation seams and joints.
- General repair and maintenance.
- Temporary and emergency repair of metal surfaces.
- Availability of 60 in. (1.52 m) width allows for custom widths and die cuts.

Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 12 months from date of manufacture.

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