



Aluminum Foil Tape

3380

Technical Data

March, 2011

Product Description

3M™ Aluminum Foil Tape 3380 is a general purpose aluminum foil tape offering an annealed aluminum foil backing combined with an acrylic pressure sensitive adhesive having an easy release PE coated Kraft liner.

Product Construction

Backing	Adhesive	Color	Liner
Aluminum Foil	Acrylic	Silver	PE coated Kraft liner

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:	40 oz./in. width (43 N/100 mm width)	D-3330
Tensile Strength:	10 lbs./in. width (175 N/100 mm width)	D-3759
Elongation at Break:	4%	D-3759
Backing Thickness:	2.0 mils (0.05 mm)	D-3652
Liner Thickness:	3.1 mils (0.08 mm)	D-3652
Total Tape Thickness:	3.25 mils (0.08 mm)	D-3652

Features

- General purpose foil tape.
- Temperature use range from -30°F to +260°F (-34°C to +127°C).
- The low water vapor transmission rate makes these tapes a good sealant.
- Low flammability - 3M™ Aluminum Foil Tape 3380 is UL 723 (File R7311) approved.
- 3M™ Aluminum Foil Tape 3380 is US Coast Guard approved (CGA #164.112/63/0).
- Best adhesion results attained when applied to clean dry surfaces above 32°F (0°C).

Application Ideas

- General use aluminum foil tape
- Light reflecting
- Heat shielding
- Moisture barrier
- Thermal conducting

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Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40% humidity in the original packaging material.
Shelf Life	To obtain best performance, use this product within 24 months from manufacture.
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ISO 9001:2008

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