



Aluminum Foil Tape

4380

Technical Data

March, 2011

Product Description 3M™ Aluminum Foil Tape 4380 is a general purpose aluminum foil tape offering a dead soft aluminum foil backing combined with an acrylic pressure sensitive adhesive.

Product Construction	Backing	Adhesive	Color
	Aluminum Foil	Acrylic	Silver

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
Total Tape Thickness:	3.25 mils (0.08 mm)	D-3652

- Features**
- General purpose foil tape.
 - Temperature use range from -30°F to +300°F (-34°C to +149°C).
 - The low water vapor transmission rate makes these tapes a good sealant.
 - 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 to 60% relative humidity in the original packaging material.

Shelf Life To obtain best performance, use this product within 24 months from date of manufacture.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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ISO 9001:2008

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