



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

3M™ Aluminum Foil Tape

3380

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.
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 the information is not guaranteed.
Product Use	Many factors beyond 3M's control and uniquely within user's knowledge and control determine the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the product and determining whether it is fit for a particular purpose and suitable for user's method of use.
Warranty, Limited Remedy, and Disclaimer	Unless an additional warranty is specifically stated on the applicable 3M product packaging or literature, 3M warrants that each 3M product meets the applicable 3M product specification when 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.
Limitation of Liability	Except where prohibited by law, 3M will not be liable for any loss or damage arising from the use of this product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory, including warranty, contract, negligence or strict liability.

ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008.



Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial



Recycled Paper
40% pre-consumer
10% post-consumer

3M is a
Printed in
©3M 20