



Waterproof Metal Tape

3382

Technical Data

November, 2010

Product Description 3M™ Waterproof Metal Tape 3382 is a general purpose tape offering two outer layers of aluminum foil surrounding a polyester film core combined with an acrylic pressure sensitive adhesive having an easy release PE coated Kraft liner.

Product Construction	Backing	Adhesive	Color	Liner
	Aluminum Foil with Polyester film core	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:	50 oz./in. width (55 N/100 mm width)	D-3330
Tensile Strength:	30 lbs./in. width (525 N/100 mm width)	D-3759
Elongation at Break:	25%	D-3759
Backing Thickness:	2.5 mils (0.06 mm)	D-3652
Liner Thickness:	3.1 mils (0.08 mm)	D-3652
Total Tape Thickness:	4.2 mils (0.11 mm)	D-3652

Features

- Foil/polyester laminate construction provides puncture and tear resistance.
- This product has a temperature use range from -40°F to 300°F (-40°C to 149°C).
- Water Vapor Transmission Rate (ASTM D3833) of less than 1 g/100 in²/24 hrs.
- Water Penetration Rate (ASTM D3816) of less than 1 g/100 in²/24 hrs.
- Best adhesion results attained when applied to clean dry surfaces above 32°F (0°C).

Application Ideas

- General purpose aluminum foil tape.
- Roof flashing and gutter repair tape.

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.

3M™ Waterproof Metal Foil Tape

3382

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.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect 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 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer

Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 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 OF TRADE. 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 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, 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 standards.



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 trademark of 3M Company.
Printed in U.S.A.
©3M 2010 (11/10)