



# Aluminum Foil Tape 437

Technical Data

October 2017

## Product Description

3M™ Aluminum Foil Tape features a dead soft aluminum foil backing combined with an acrylic pressure-sensitive adhesive on a poly-coated kraft paper liner.

## Product Construction

Backing	Adhesive	Colour	Liner
Aluminum Foil	Acrylic	Silver	Poly-coated Kraft Paper

## Typical Physical Properties

Note: The following technical information and data is based upon limited 3M testing and should not be used for specification purposes.

		ASTM Test Method
<b>Adhesion to Steel:</b>	(164 N/100 mm width) 150 oz/in width	D-3330
<b>Tensile Strength:</b>	(525 N/100 mm width) 30 lbs/in. width	D-3759
<b>Elongation at Break:</b>	8%	D-3759
<b>Backing Thickness:</b>	0.07 mm (3.0 mils)	D-3652
<b>Liner Thickness:</b>	0.11 mm (4.2 mils)	D-3652
<b>Total Tape Thickness:</b>	0.20 mm (8.0 mils)	D-3652
<b>Temperature Use Range:</b>	-40°C to 100°C (-40°F to 212°F)	

## Features

- Utilizes a high-tack acrylic adhesive to meet automotive OEM requirements
- High initial tack for quick and easy application on assembly lines
- Durable aluminum foil backing offers ideal properties for long serviceable life indoors and outdoors

## Application Ideas

- Heat shielding
- Moisture barrier
- Thermal conducting

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