



# Aluminum Foil Tape

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Technical Data

October 2013

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

**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 in and outdoors

**Application Ideas**

- Heat shielding
- Moisture barrier
- Thermal conducting

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|---|--|
| <b>Storage</b>                              | Store under normal conditions of 60° to 80°F (16° to 27°C) 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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Printed in U.S.A.  
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