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

<table>
<thead>
<tr>
<th>Backing</th>
<th>Adhesive</th>
<th>Color</th>
<th>Liner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Foil with Polyester film core</td>
<td>Acrylic</td>
<td>Silver</td>
<td>PE coated Kraft liner</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>ASTM Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesion to Steel</td>
<td>50 oz./in. width (55 N/100 mm width)</td>
<td>D-3330</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>30 lbs./in. width (525 N/100 mm width)</td>
<td>D-3759</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>25%</td>
<td>D-3759</td>
</tr>
<tr>
<td>Backing Thickness</td>
<td>2.5 mils (0.06 mm)</td>
<td>D-3652</td>
</tr>
<tr>
<td>Liner Thickness</td>
<td>3.1 mils (0.08 mm)</td>
<td>D-3652</td>
</tr>
<tr>
<td>Total Tape Thickness</td>
<td>4.2 mils (0.11 mm)</td>
<td>D-3652</td>
</tr>
</tbody>
</table>

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.
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