Permanent Tackified Acrylic Adhesive P1410

Product Description
3M™ Permanent Tackified Acrylic Adhesive P1410 offers excellent adhesion to a wide variety of substrates, including polyolefins.

Technical Data

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Adhesion properties determined per TLMI Method using 1.0 mil polyester with 0.9 mil of adhesive on a stainless steel panel.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peel Adhesion</td>
<td>3.0 lbs./in. (528 N/m)</td>
<td>TLMI Method, 180° Peel, 12&quot;/min., 1&quot; wide sample</td>
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<tr>
<td>Loop Tack</td>
<td>1.8 lbs./in. (316 N/m)</td>
<td>TLMI Method, 12&quot;/min., 1&quot; wide sample</td>
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<tr>
<td>Shear</td>
<td>1.0 hour</td>
<td>TLMI Method, 0.25 in² x 500g</td>
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<tr>
<td>Application Temperature</td>
<td>40°F to 120°F (5°C to 49°C)</td>
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<tr>
<td>Service Temperature*</td>
<td>-20°F to 302°F (-29°C to 150°C)</td>
<td></td>
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</tbody>
</table>

*Actual service temperature is a function of the entire construction, including the facestock. Care should be taken to match facestock temperature limitations with the label application requirements.

Features
- High tack
- Moderate water and humidity resistance
- Neutral pH
- Adhesive dry ingredients are listed by FDA as indirect food contact additives when used in food packaging with minimum opportunity for exposure. See 21 CFR 175.105.
- Meets CONEG requirements

Application Ideas
- Drum labels
- PP and PE bottles
- Plastic vials and containers
- Shrink wrap
- Tamper evident labels

Recommended Substrates
- Metal
- Fiber
- HDPE
- Low surface energy plastics
- Non-flame treated surfaces
Storage Conditions

Store under normal conditions of 70°F (21°C) and 50% relative humidity. To minimize the effects of humidity on the products, package the die-cut and printed stock in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration.

Shelf Life

To obtain best performance, use this product within two years from the date of manufacture.

Product Use

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