**FEATURES**

- high shear acrylic adhesive
- polyester film
- densified kraft liner

**BENEFITS**

- outstanding temperature and chemical resistance (gasoline, motor oil, antifreeze and brake fluid)
- easy to die cut and apply

**APPLICATIONS**

Suggested for assembly of electronic and electrical equipment. Bonds well to engineering plastics and metals. Users should test the product to ensure it meets the specific needs of their application(s). Adhesives Research can tailor the product to meet the needs of specific applications as requested by customers.

**STORAGE AND SHELF LIFE**

One (1) year from date of manufacture when stored at 70°F, 50% R.H.

**PRODUCT CONSTRUCTION** - Typical Values*

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Composite</td>
<td>3.5 mils</td>
</tr>
<tr>
<td>Liner</td>
<td>3.2 mils</td>
</tr>
<tr>
<td>Total</td>
<td>6.7 mils nominal</td>
</tr>
</tbody>
</table>

**Test Methods:** PSTC-133, ASTM D-1000

**ADHESIVE PERFORMANCE PROPERTIES** - Typical Values*

180° Peel Adhesion/12”min.
5”SS - 30 oz./in.

**Test Methods:** PSTC-101, ASTM D-3330, ART #1005

<table>
<thead>
<tr>
<th>Static Shear</th>
<th>Temperature</th>
<th>Area</th>
<th>Load</th>
<th>Minutes to Failure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>72°F</td>
<td>½” x ½”</td>
<td>500 g.</td>
<td>60’</td>
</tr>
</tbody>
</table>

**Test Methods:** PSTC-107, ART #1011

Recommended Minimum Application Temperature: 50°F (10°C)
Maximum Operating Temperature: 350°F (177°C)

*All stated values are nominal and should only be used as a guide for selection. They are not specifications.
Note: The information contained on this data sheet is based upon test results of limited quantities of this material and may be modified by Adhesives Research following additional production experience and evaluation. This data should not be used in preparing specifications. Products identified as developmental may be subject to modification by Adhesives Research, Inc.

(Revised 17 February 2010)

APPLICATION AND STORAGE OF PRESSURE-SENSITIVE ADHESIVE TAPES

Pressure-sensitive adhesive tapes function as a mechanical product; however, the adhesive itself is a chemical composition that can be sensitive to environmental conditions. A purchaser of pressure-sensitive adhesive products should be aware of the shelf life of each product and not purchase more than it can use before the expiration date. Shipping and storage conditions affect shelf life. The optimum storage temperature is 70 °F (21 °C). Cool, dry storage is recommended.

For best results...

1) The surfaces you wish to bond should be clean and free of oil, moisture and dust. If the surface temperature is below 40 °F, it may be difficult to achieve a proper bond.
2) Do not use a pressure-sensitive adhesive product where it will be exposed to temperatures lower or higher than those designated for each product. Heat can destroy the effectiveness of the bond and extreme cold can cause the adhesive to harden and not adhere properly.
3) When the tape is applied, use firm hand or lamination pressure to achieve contact between the adhesive and the surface to which it is applied. Hand rollers or nip rollers may be needed for certain products or applications.

Consult your AR sales representative if you need additional information.

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