ARclad® 9032-70 is a highly electrically conductive pressure-sensitive adhesive transfer film made with an acrylic adhesive filled with proprietary conductive particles.

PRODUCT APPLICATIONS
The typical uses for this product are fabricating EMI shields, electrical interconnections, and ground plane assemblies for cellular phones, computers, PDA’s, disk drives, modems and automotive electronics.

FEATURES AND BENEFITS
- Thin bond line
- Dual polyester film release liner system for ease of die cutting
- Outstanding electrical conductivity along z-axis

<table>
<thead>
<tr>
<th>Product Construction</th>
<th>Typical Values*</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liner thickness</td>
<td>2.0 mil</td>
<td>50 μm</td>
</tr>
<tr>
<td>Adhesive thickness</td>
<td>1.3 mil</td>
<td>33 μm</td>
</tr>
<tr>
<td>Liner thickness</td>
<td>2.0 mil</td>
<td>50 μm</td>
</tr>
<tr>
<td>Total thickness</td>
<td>1.3 mil</td>
<td>33 μm</td>
</tr>
</tbody>
</table>

*All stated values are nominal and should only be used as a guide for selection. They are not specifications.
Product Information Sheet
ARclad® 9032-70

Technical Properties

<table>
<thead>
<tr>
<th>Attribute*</th>
<th>Typical Values*</th>
<th>Test Method*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peel adhesion on stainless steel</td>
<td>~30 oz/inch</td>
<td>8 N/25mm</td>
</tr>
<tr>
<td>Volume Resistance</td>
<td>≤ 10 mΩ</td>
<td>ART 3035</td>
</tr>
<tr>
<td>Recommended storage of unconverted product</td>
<td>70°F ± 20°F</td>
<td>21°C ± 11°C</td>
</tr>
<tr>
<td>Shelf life of unconverted product</td>
<td>Not to exceed one year from date of manufacture</td>
<td></td>
</tr>
</tbody>
</table>

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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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Special services in the field of pressure-sensitive adhesive products include pressure-sensitive self-adhesive tape, pressure-sensitive sensitive adhesive tapes, pressure-sensitive 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.

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