ARcare® 90366 is a self-wound electrically conductive transfer adhesive. The adhesive is protected by a clear double coated release liner.

PRODUCT APPLICATIONS
The typical uses for this product are bonding, laminating, and assembly of electrode and defibrillation applications.

FEATURES AND BENEFITS
- Highly conductive adhesive
- Conductivity in the Z axis
- Low volume resistance
- Robust product application

<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>Total thickness</td>
<td>1.3 mil</td>
<td>33 μm (Excluding liner)</td>
</tr>
</tbody>
</table>

*All stated values are nominal and should only be used as a guide for selection. They are not specifications.

SAFETY DATA
EC-2 is an electrically conductive adhesive. The adhesive passed cytotoxicity and primary skin irritation tests conducted by an independent laboratory. Additional safety information is available upon request.
**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>40 oz/inch</td>
<td>ART1005 180 degrees, 12 ipm, 5 minute dwell</td>
</tr>
<tr>
<td>Volume Resistance</td>
<td>10 ohms maximum</td>
<td>ART3035</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>

*All stated values are nominal and should only be used as a guide for selection. They are not specifications.*

**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.

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