式的导电转移胶带

- 专为安装EMI/RFI屏蔽、密封圈和ESD垫片而设计
- 在-0°F至400°F的广泛温度范围内以及各种环境条件下表现良好
- Z轴导电性
  - 体积电阻 < 6 Ωcm
  - 电阻率 < 0.005 Ω
- 也适用于软性电路的接合和固定

联系我们获取更多信息

800-356-3572
www.adhesiveapps.com

The Adhesive Solutions Company
ACT 20
ELECTRICALLY CONDUCTIVE TRANSFER TAPE

PRODUCT DESCRIPTION

ACT20 is a 2-mil high performance conductive acrylic transfer tape designed for applications where electrical conductivity through joining points is critical. Works well for foam bonding and delivers exceptionally high performance for permanent and reliable bonding.

The unique pressure sensitive adhesive (PSA) conducts electricity anisotropically through the adhesive thickness. This adhesive system offers good quick stick and shear properties with extremely low electrical resistance.

Primarily used for mounting EMI/RFI shields and gaskets, ESD pads and flexible circuit splicing and attachment. The adhesive is flexible and offers excellent conformability.

FEATURES & BENEFITS

• Z-axis conductivity
• Volume Resistance < 6 Ωcm
• Resistivity < 0.005 Ω
• Versatile transfer adhesive allows maximum flexibility and conformability
• Designed specifically for mounting EMI and RFI shielding applications
• Ideal for flexible circuit attachment and splicing applications
• Superb “wetting out” to most surfaces; performs well over a wide range of conditions

PRODUCT CONSTRUCTION

Differential Release Liner

Conductive Acrylic Adhesive

PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Test</th>
<th>Typical Value</th>
<th>Typical Value (Metric)</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Thickness (Total)</td>
<td>2.0 mils</td>
<td>0.05 mm</td>
<td>PSTC-133</td>
</tr>
<tr>
<td>Peel Adhesion</td>
<td>65 oz/in</td>
<td>0.709 N/25mm</td>
<td>PSTC-101</td>
</tr>
<tr>
<td>Tack</td>
<td>24 oz</td>
<td>690 g</td>
<td>ASTM D 2979</td>
</tr>
<tr>
<td>Shear Adhesion</td>
<td>&gt;24 hrs @ 2.2 psi</td>
<td>&gt;24 hrs @15.2 kPa</td>
<td>PSTC-107</td>
</tr>
<tr>
<td>Min. Application Temperature</td>
<td>0 °F</td>
<td>-18 °C</td>
<td></td>
</tr>
<tr>
<td>Max. Continuous Use Temperature</td>
<td>400 °F</td>
<td>205 °C</td>
<td></td>
</tr>
</tbody>
</table>

Tested values are typical under standard conditions and are not intended to be used for specification development. Technical data is believed to be true and accurate; Adhesive Applications recommends that the purchaser test for performance and fitness of use in all applications.

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