Ja-Bar’s conductive particle filled adhesive sealants are a one part electrically conductive room temperature curing elastomer. They are supplied as a readily extrudable paste that cures rapidly when exposed to atmospheric moisture. When completely cured, Ja-Bar 000 series conductive adhesives are highly resilient elastomers that exhibit superior adhesion to a variety of substrates as well as low volume resistivity.

FEATURES:
- Electrically conductive
- Thixotropic paste
- Non-corrosive
- Excellent adhesion to various substrates
- One part - no mixing
- Fluorosilicone options available

Surfaces to be bonded must be clean, dry and oil free. Typical solvents used to clean substrates are acetone, methyl ethyl ketone, xylene and isopropyl alcohol. Apply adhesives directly from their package to the desired area. If this product is to be used as a sealant, it should be applied liberally to the interface. It is important to force adhesives into the material being bonded as much as possible. If maximum adhesion and RFI shielding are desired, apply weight to the sealed interface during cure. An appropriate primer is also available for difficult bonding substrates.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Type</th>
<th>020 Nickel Graphite</th>
<th>030 Silver Glass</th>
<th>040 Silver Nickel</th>
<th>050 Silver Aluminum</th>
<th>060 Silver Copper</th>
<th>080 Pure Silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>000-1100</td>
<td>Standard silicone</td>
<td>2.29</td>
<td>1.82</td>
<td>3.58</td>
<td>1.86</td>
<td>3.58</td>
<td>4.20</td>
</tr>
</tbody>
</table>

SAFETY AND HANDLING INFORMATION:
WARNING: Contact with adhesives is irritating to skin and eyes. If contact is made with the skin, the excess should be wiped off with a dry cloth or paper towel followed by a waterless hand cleaner such as the type used to clean grease or oil from the skin. For specific information regarding safety and handling of this product refer to the Material Safety Data Sheet.

CLEAN UP: Uncured adhesives may be removed from a surface with xylene or acetone.

STORAGE INFORMATION:
Shelf life of adhesives are one (1) year from date of shipment provided the products are stored in the dry, tightly sealed, original container below 23°C (73.4°F).

ORDERING INFORMATION:
Specify product number, quantity and container size as indicated. Orders may be sent to the nearest Regional Sales Office, or directly to Ja-Bar Silicone Corporation. Special packaging available upon request.
**Conductive Silicone PSA**

By combining highly conductive Silver Plated Particles with a very fine film thickness of our silicone PSA system, we are able to provide an Electrically Conductive PSA on our conductive molded sheets and extrusions, without detrimental results to the shielding effectiveness of the final gasket. This adhesive system is only available when applied by Ja-Bar, and is supplied with a special release liner, fitting the specific application.

Developed for positioning of the gasket during production assembly of your unit, this type of PSA is very low tack, and is not intended to be used as a permanent adhesive system.

### Conductive Transfer PSA for Conductive Silicones

**3M™ XYZ-Axis Electrically Conductive Adhesive Transfer Tape 9719**

- **3M™ XYZ-Axis Electrically Conductive Adhesive Transfer Tape 9719** is a silicone adhesive isotropically conductive pressure sensitive tape. Tape 9719 conducts electricity through the thickness (Z-axis) and in the plane of the adhesive (X, Y planes) and is suitable for low surface energy (LSE*) EMI/RFI shield and EMI/RFI gasket attachment to metal surfaces. The tape consists of a high performance, low surface energy 3M adhesive loaded with conductive fibers. The result is a double-sided tape providing both good adhesion and good electrical performance. The conductive fibers in tape 9719 also provide improved handling characteristics.

**XYZ-Axis Electrically Conductive Tape 9719** is suitable for attaching Low Surface Energy (LSE) EMI shields to electronic and electrical devices where high temperature performance (up to 400°F [204°C]) is required. Tape 9719 may be used with many types of foil laminate shields, to provide a customized shielding solution. This tape may also be used to attach conductive fabric/foam core EMI gaskets to electronic cabinetry. Tape 9719 may be applied in strips or die cut to specific shapes and sizes. Compared to screws or other mechanical connectors, tape 9719 provides reduced assembly time and a solid bond line with no gaps which might result in EMI emission.

<table>
<thead>
<tr>
<th>Substrate</th>
<th>15 min @ 72°F</th>
<th>1 hr @ 72°F</th>
<th>24 hr @ 72°F</th>
<th>1 hr @ 158°F</th>
<th>24 hr @ 158°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel</td>
<td>&gt; 30</td>
<td>&gt; 30</td>
<td>&gt; 30</td>
<td>&gt; 30</td>
<td>&gt; 30</td>
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<tr>
<td>Aluminum</td>
<td>&gt; 30</td>
<td>&gt; 30</td>
<td>&gt; 30</td>
<td>&gt; 30</td>
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<tr>
<td>Copper</td>
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<tr>
<td>Silicone Rubber</td>
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<td>&gt; 20</td>
<td>&gt; 20</td>
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</tr>
</tbody>
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Ja-Bar Silicone Corporation • Phone: 973. 786-5000 • Fax: 973. 786-5546 • www.JaBar.com