Innovative silicone adhesives for your medical device
### Adhesives

Pressure sensitive adhesives (PSAs) and soft skin adhesives (SSAs) can be used for wearable monitoring devices, wound care products, medical device attachments, external prosthetic devices and specialty cosmetic applications.

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<tr>
<th>Benefits</th>
<th>Product Description</th>
<th>Typical Applications</th>
<th>Processing Methods</th>
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<tr>
<td><strong>PSA</strong></td>
<td></td>
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</table>
| **Liveo™** **MG Series Pressure Sensitive Adhesives for Medical Devices** | - Biocompatibility (non-irritating and non-sensitizing)  
- High adhesion and conformity to skin  
- Adhesion for extended wear time  
- High gas and moisture permeability  
- Available in a range of tack options, solvent types and solid contents to help meet application needs and processing constraints | One-part, polycondensed polydimethylsiloxane/silicate resin adhesives  
Volatile solvent-based silicone adhesives | Uses conventional tape coating equipment  
- Transfer coating  
- Brushing process  
Can be applied using conventional hot melt coating equipment |
| **SSA**  |                      |                      |                    |
| **Liveo™** **MG Series Soft Skin Adhesives** | - Biocompatibility (non-irritating and non-sensitizing)  
- Tackiness  
- Gentle removal from skin  
- Repositionability to skin  
- Available in a range of softness and adhesion options to help meet application needs | Two-part (1:1 by weight), platinum-catalyzed, soft fillerless elastomeric adhesive  
Two-part, solvent-less, low viscosity silicone adhesive  
Transparent | Knife over roll coating process is recommended |

* Specification writers: These values are not intended for use in preparing specifications. Please contact a DuPont representative prior to writing specifications on these products.  
* Adhesion promoters are available. Please contact your DuPont representative for details.
### Liveo™ MG Series Pressure Sensitive Adhesives for Medical Devices

- **Biocompatibility**: (non-irritating and non-sensitizing)
- **High adhesion and conformity to skin**
- **Adhesion for extended wear time**
- **High gas and moisture permeability**
- **Available in a range of tack options, solvent types and solid contents to help meet application needs and processing constraints**

#### One-part, polycondensed polydimethylsiloxane/silicate resin adhesives

- **Volatile solvent-based silicone adhesives**

#### Typical Applications

- Uses conventional tape coating equipment

#### Processing Methods

- **Transfer coating**
- **Brushing process**

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<tr>
<th>Products</th>
<th>Cytotoxicity</th>
<th>Skin Irritation</th>
<th>Skin Sensitization</th>
<th>FDA Drug Master File</th>
<th>Solvent Type</th>
<th>Solid Content (%)</th>
<th>Viscosity at 25°C (cP)</th>
<th>Melting Viscosity at 185°C (cP)</th>
<th>Nominal Tack Value</th>
<th>Peel Adhesion (g/cm)</th>
<th>Shear (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liveo™ MG-2401 Silicone Adhesive¹</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Hexamethyldisiloxane</td>
<td>32</td>
<td>90</td>
<td>Not Applicable</td>
<td>Medium</td>
<td>700</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Liveo™ MG-2402 Silicone Adhesive¹</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Ethyl Acetate</td>
<td>64</td>
<td>2500</td>
<td>Not Applicable</td>
<td>Medium</td>
<td>700</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Liveo™ MG-2502 Silicone Adhesive¹</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Ethyl Acetate</td>
<td>59</td>
<td>2000</td>
<td>Not Applicable</td>
<td>High</td>
<td>670</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Liveo™ MG-2410 Silicone Adhesive¹</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>Not Applicable</td>
<td>100</td>
<td>Not Applicable</td>
<td>30300</td>
<td>Very High</td>
<td>590</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

| Liveo™ 7-9700 Soft Skin Adhesive | • | • | • | 500 | 320 | 90 | 0.6 | 0.11 |
| Liveo™ MG 7-9800 Soft Skin Adhesive | • | • | • | 500 | 320 | 90 | 0.6 | 0.11 |
| Liveo™ MG 7-9850 Soft Skin Adhesive | ▲ | ▲ | ▲ | 2900 | 2900 | 135 | 11 | 0.03 |
| Liveo™ MG 7-9900 Soft Skin Adhesive | ▲ | ▲ | ▲ | 5100 | 5100 | 140 | 1.9 | 0.05 |

¹ Based on test results on adhesive solids
▲ Based on biocompatibility test data from analogous materials
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