3M™ 100MP High Performance Acrylic Adhesive

Built for extremes.
High performance for bold design.
When performance is mission critical.

Adhesives that deliver in high temperatures and other challenging environments.

High-pressure situations call for high-performance solutions. When the stakes are this high, choose a pressure-sensitive adhesive designed for extreme conditions: 3M™ 100MP High Performance Acrylic Adhesive.

Hot or cold, chemicals or solvents, these pressure-sensitive formulations can take on the demands of your design — for performance you can count on when it matters most.

3M™ 100MP High Performance Acrylic Adhesive
- Designed for use with medium and high surface energy materials like metals, polyimides and polycarbonate
- Performs when exposed to high heat, cold and cyclic conditions
- Short-term temperature tolerance up to 500°F (260°C), operating temperature tolerance up to 300°F (149°C)
- Thin profile combined with high-strength adhesive for a long-lasting bond
- Durable adhesive is chemical, UV and solvent resistant
Takes the heat.

Formulated to stand up to the most demanding and critical applications, 3M™ 100MP High Performance Acrylic Adhesive offers reliable performance not only at high temperatures (500°F/260°C), but extremely cold and variable temperatures as well.

It has staying power.

Exceptional shear strength. High peel strength. When you need much higher adhesion strength than typical pressure-sensitive adhesive systems, 3M™ 100MP High Performance Acrylic Adhesive delivers.

Designed for the toughest conditions.

Extreme durability means it holds up through wind, rain, sand, abrasion, heat, cold and more. Go ahead — design for the world’s most challenging environments with 3M™ 100MP High Performance Acrylic Adhesive.

Stands up to stress.

Strong enough to handle chemicals, solvents and UV radiation, 3M™ 100MP High Performance Acrylic Adhesive is ideal for use in many indoor and outdoor industrial applications.
Durable adhesives for demanding applications.

When there’s a lot on the line, trust 3M™ 100MP High Performance Acrylic Adhesive — ideal for use in highly regulated industries such as automotive, aerospace, medical and electronics.

Featured applications include:
- Aerospace scuff strips, de-icing boots, lightning protection systems
- Air bag inflator burst discs
- Disc brake shims
- High-temperature/high-pressure autoclaves
- Engine and transmission control modules
- LED taillights
- Metal bonding/cladding
- Kickplates
- High-temperature graphics/labels
- Nameplates

Put it to the test.

Each product in our full portfolio of high-temperature laminating adhesives combines different characteristics for specific end use and processing requirements.

### 3M™ 100MP High Performance Acrylic Adhesive

<table>
<thead>
<tr>
<th>Adhesive Family</th>
<th>Product</th>
<th>Liner</th>
<th>Tape Type</th>
<th>Tape Thickness</th>
<th>Applications</th>
<th>Temp Range (F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100MP</td>
<td>F9460PC</td>
<td>58# PCK</td>
<td>ATT</td>
<td>2 mils</td>
<td>Flex circuit rigidizing and high-temp labels</td>
<td>500º</td>
</tr>
<tr>
<td></td>
<td>F9469PC</td>
<td>58# PCK</td>
<td>ATT</td>
<td>5 mils</td>
<td>Brake shim and heat sink attachment</td>
<td></td>
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<tr>
<td></td>
<td>F9473PC</td>
<td>58# PCK</td>
<td>ATT</td>
<td>10 mils</td>
<td>Metal cladding and trim, panel-to-frame attachment</td>
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</tbody>
</table>

### Other 3M™ High Temperature Laminating Adhesive Families

<table>
<thead>
<tr>
<th>Adhesive Family</th>
<th>Product</th>
<th>Liner</th>
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<th>Tape Thickness</th>
<th>Applications</th>
<th>Temp Range (F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>966</td>
<td>62# DK</td>
<td>ATT</td>
<td>2 mils</td>
<td>Meets NASA’s definition of Low Outgassing material for use in spacecraft</td>
<td>450º</td>
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<tr>
<td>100HT</td>
<td>9077</td>
<td>Hi Temp 55# DK</td>
<td>DCTT</td>
<td>2 mils</td>
<td>Lead-free solder reflow - liner and adhesive</td>
<td>550º</td>
</tr>
</tbody>
</table>

Bond stainless steel to aluminum
3M™ 100MP High Performance Acrylic Adhesive

A pressure-sensitive adhesive built for critical environments.

Learn more at 3M.com/thinbonding.