M-Bond GA-2

Strain Gage Adhesive

OTHER ACCESSORIES USED IN AN M-BOND GA-2 INSTALLATION:
• CSM Degreaser or GC-6 Isopropyl Alcohol
• Silicon-Carbide Paper
• M-Prep Conditioner A
• M-Prep Neutralizer 5A
• GSP-1 Gauze Sponges
• CSP-1 Cotton Tip Applicators
• PCT-2M Gage Installation Tape
• HSC Spring Clamp
• GT-14 Pressure Pads and Backup Plates

DESCRIPTION
Two-component, partially filled, 100%-solids epoxy system for general-purpose stress analysis. Higher viscosity than AE systems. Elevated-temperature cure recommended for best performance and resistance to chemical attack. Often used to fill irregular surfaces. Uneven gluelines easily detectable by nonuniformity of bond color.

CHARACTERISTICS

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<tr>
<th>PARAMETER</th>
<th>DETAILS</th>
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<tr>
<td>OPERATING TEMPERATURE RANGE</td>
<td><strong>Long Term:</strong> –320° to +200°F (–195° to +95°C)</td>
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<td>ELONGATION CAPABILITIES</td>
<td>4% at –320°F (–195°C), 10% to 15% at +75°F (+24°C) after 40-hr RT cure or 6-hr RT cure with postcure.</td>
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<td>SHELF LIFE</td>
<td>Minimum 12 months at +75°F (+24°C); or 18 months at +40°F (+5°C). Refer to product label for most recent information.</td>
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<td>POT LIFE</td>
<td>15 minutes at +75°F [+24°C]. Can be extended by cooling jar or by spreading adhesive on clean aluminum plate.</td>
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<td>CLAMPING PRESSURE</td>
<td>5 to 20 psi (35 to 140 kN/m²). The black filler provides a visual indication of nonuniform bond areas caused by uneven clamping pressure.</td>
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<td>CURE REQUIREMENTS*</td>
<td>Preferred Room Temperature Cure: 40 hours at +75°F (+24°C). Recommended Postcure: 2 hours at 25°F (15°C) above maximum operating temperature.</td>
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PACKAGING

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<td>6 mixing jars (15 g ea) Resin, 6 calibrated pipettes, 1 bottle (15 ml) Curing Agent 10-A, 6 stirring rods</td>
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