

Strain Gage Adhesive

OTHER ACCESSORIES USED IN AN M-BOND GA-61 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
- MJG-2 Mylar® Tape
- TFE-1 Teflon® Film
- HSC Spring Clamp
- GT-14 Pressure Pads and Backup Plates



RoHS
COMPLIANT

DESCRIPTION

Two-component, partially filled, 100%-solids epoxy adhesive for general-purpose stress analysis. Very high viscosity. Widely used to fill irregular surfaces and to anchor leadwires. Forms a very hard, chemical-resistant material when fully cured. Glueline thickness is generally <0.002 in (0.05 mm).

CHARACTERISTICS	
PARAMETER	DETAILS
OPERATING TEMPERATURE RANGE	Short Term: -100° to +600°F (-75° to +315°C) Long Term: -100° to +500°F (-75° to +260°C)
ELONGATION CAPABILITIES	1% at -100°F (-75°C), 2% at +75°F (+24°C), 1% at +500°F (+260°C).
SHELF LIFE	6 months minimum at +75°F (+24°C); refrigeration recommended. Refer to product label for most recent information.
MIXED POT LIFE	10 hours at +75°F (+24°C); increased by refrigeration, indefinite by freezing.
CLAMPING PRESSURE	10 to 30 psi (70 to 200 kN/m ²).
CURE REQUIREMENTS*	<p>Elevated Temperature Cure Required.</p> <p>Recommended Postcure: 1 hour at 50°F (30°C) above maximum operating temperature not to exceed +600°F (+315°C).</p> <div style="text-align: center;"> <p>GLUELINE TEMPERATURE IN °C →</p> <p>↑ TIME IN HOURS</p> <p>GLUELINE TEMPERATURE IN °F →</p> </div>

PACKAGING
KIT
3 jars (10 g ea) Resin, 3 jars (5 g ea) Hardener, 3 stirring rods

* **References:** Instruction Bulletin B-128, "Strain Gage Applications with M-Bond GA-61 Adhesive", included in each kit.



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