

## Strain Gage Adhesive



### OTHER ACCESSORIES USED IN A P ADHESIVE INSTALLATION:

- CSM Degreaser or GC-6 Isopropyl Alcohol
- Silicon-Carbide Paper
- M-Prep Conditioner A
- M-Prep Neutralizer 5A
- CSP-1 Cotton Swabs
- GSP-1 Gauze Sponges
- MJG-2 Mylar® Tape
- TFE-1 Teflon® Film
- HSC Spring Clamp
- GT-14 Pressure Pads and Backup Plates



**RoHS**  
COMPLIANT

### DESCRIPTION

Single-part, solvent-thinned, polyimide adhesive. Results in a strong, thin, near-creep-free, adhesive layer.

### CHARACTERISTICS

**Operating Temperature Range:**

-452° to +700°F [-270° to +370°C].

**Upper limit:**

+800°F [+425°C] for 1 to 2 hours.

**Elongation Capabilities:**

±2% at +75°F [+24°C].

**Shelf Life:**

Minimum 4 months at +75°F [+24°C].

**Pot Life:**

Minimum 4 months at +75°F [+24°C].

**Clamping Pressure:**

20 to 40psi [140 to 280kN/m<sup>2</sup>].

**Cure Requirements:**

For two minutes, expose the adhesive on the strain gage and test article to an infrared lamp or other heat source until the materials are dry. Monitor the temperature of the surface and do not allow materials to exceed +250°F [+120°C].

After clamping, cure 2 hours at +250°F [+120°C], increase temperature to +300°F [+150°C] for 2 hours, increase temperature to +340°F [+170°C] for 2 hours and finish cure with 4 hours at +380°F [+195°C].

**Recommended Postcure (Unclamped):**

1 hour at +300°F [+150°C], followed by 2 hours at +400°F [+205°C], and then 4 hours at +500°F [+260°C].

### PACKAGING OPTIONS

**Kits:**

1 brush-cap bottle [1oz/30ml]

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