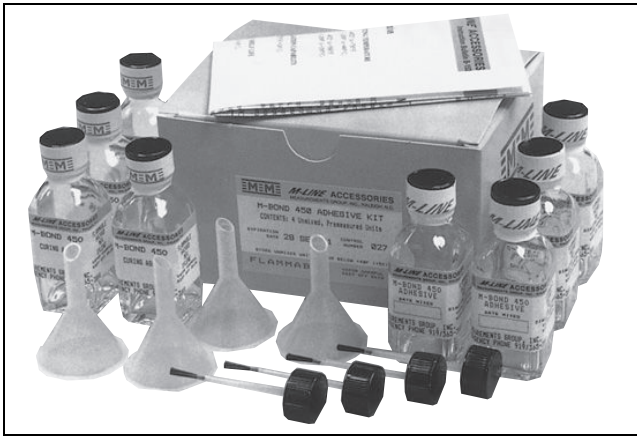


## Strain Gage Adhesive



### OTHER ACCESSORIES USED IN AN M-BOND 450 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 Applicators
- MJG-2 Mylar® Tape
- TFE-1 Teflon® Film
- HSC Spring Clamp
- GT-14 Pressure Pads and Backup Plates



**RoHS**  
COMPLIANT

### DESCRIPTION

High-performance, two-component, solvent-thinned epoxy system specially formulated for high accuracy, elevated-temperature transducer applications.

### CHARACTERISTICS

#### Operating Temperature Range:

**Short Term:** -452° to +750°F [-269° to +400°C].

**Long Term:** -452° to +500°F [-269° to +260°C].

#### Elongation Capabilities:

>5% at +75°F [+24°C].

#### Shelf Life:

Minimum 6 months at +75°F [+24°C].

#### Pot Life:

6 weeks at +75°F [+24°C].

#### Clamping Pressure:

60 to 100psi [415 to 690kN/m<sup>2</sup>].

#### Cure Requirements:

**Step 1:** Air dry at +75°F [+24°C] 10 to 30 minutes.

**B-Stage:** +225°F [+105°C] for 30 minutes.

**Cure:** +350°F [+175°C] for 1 hour.

**Recommended Postcure:** 1 hour at 50°F [30°C] above maximum operating temperature in 50°F [30°C] increments from +350°F [+175°C], dwelling 1 hour at each step.

### PACKAGING

#### Kit:

4 bottles [12.5g ea] Curing Agent

4 bottles [12.5g ea] Resin

4 brush caps for applying adhesive

4 disposable mixing funnels

**References:** Instruction Bulletin B-152, "Instructions for the Application of Micro-Measurements M-Bond 450 Adhesive", included in each kit.

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