

### Strain Gage Adhesive



#### OTHER ACCESSORIES USED IN AN M-BOND 600 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

Similar to M-Bond 610 except with more reactive curing agent. Shorter shelf life, pot life, and working time than M-Bond 610, but has lower temperature cures and faster

reaction time. Cure must begin within 30 minutes of application (up to 4 hours for M-Bond 610).

#### CHARACTERISTICS

##### Operating Temperature Range:

**Short Term:** -452° to +700°F [-269° to +370°C].

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

##### Elongation Capabilities:

1% at -452°F [-269°C];

3% at +75°F [+24°C];

3% at +500°F [+260°C].

##### Shelf Life:

Minimum 3 months at +75°F [+24°C]; or 9 months at +40°F [+5°C].

##### Pot Life:

2 weeks at +75°F [+24°C]; 4 weeks at +40°F [+5°C].

##### Clamping Pressure:

10 to 70psi [70 to 480kN/m<sup>2</sup>].

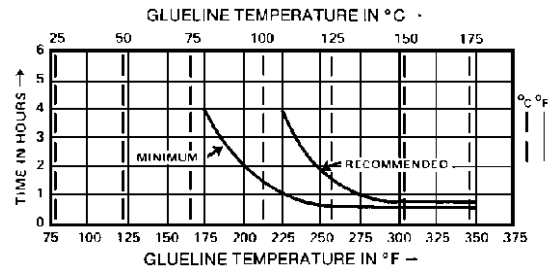
30 to 40psi optimum [200 to 275kN/m<sup>2</sup>].

##### Cure Requirements:

**Moderately Elevated-Temperature Cure Required.**

**Recommended Postcure:**

1 to 2 hours at 50°F [30°C] above maximum operating temperature.



#### PACKAGING

##### Kit:

4 bottles [11g ea] Curing Agent

4 bottles [8g ea] Resin

4 brush caps for dispensing mixed adhesive

4 disposable mixing funnels

##### Single Mix Kit:

1 bottle [11g ea] Curing Agent

1 bottle [8g ea] Resin

1 brush cap for dispensing mixed adhesive

1 disposable mixing funnel

**References:** Instruction Bulletin B-130, "Strain Gage Installations with M-Bond 43-B, 600 and 610 Adhesive Systems" included in each kit.

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