

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/m²].

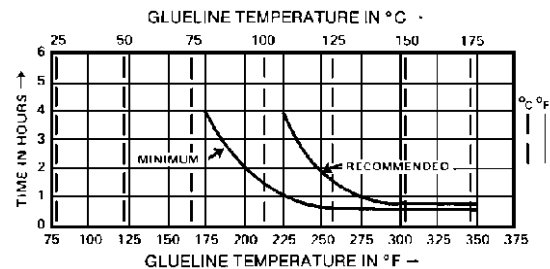
30 to 40psi optimum [200 to 275kN/m²].

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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