

Strain Gage Adhesive



OTHER ACCESSORIES USED IN AN EPY-500 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

EPY-500 is a two-part, heat-curing, filled epoxy system that is specially formulated for Micro-Measurements. This adhesive has reduced particle size, allowing a much thinner

glueline. The adhesive is compatible with all phenolic, epoxy-phenolic and polyimide strain gages.

CHARACTERISTICS

Operating Temperature Range:

–425° to +500°F [–269° to +260°C].

Shelf Life:

Minimum 9 months

Pot Life:

24 hours

Strain Limit – Single Cycle:

5% at +75°F [+24°C]; 1% at –320°F [–195°C].

Clamping Pressure:

10 to 15psi [70 to 105kN/m²].

Cure Requirements:

26 hours at +200°F [+93°C]; or 4 hours at +250°F [+121°C]; or 1 hour at +350°F [+176°C]; or 1/2 hour at +400°F [+204°C].

Recommended Post Cure:

1 hour at +450°F [+232°C].

PACKAGING OPTIONS

Small Kit:

5 [10g ea] packages

Large Kit:

2 [50g ea] packages

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