

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 Tip Swabs
- MJG-2 Mylar® Tape
- TFE-1 Teflon® Film
- HSC Spring Clamp
- GT-14 Pressure Pads and Backup Plates



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	
PARAMETER	DETAILS
OPERATING TEMPERATURE RANGE	-452° to +500°F (-269° to +260°C).
SHELF LIFE	Minimum 9 months. Refer to product label for most recent information.
POT LIFE	24 hours.
STRAIN LIMIT – SINGLE CYCLE	5% at +75°F (+24°C); 1% at -320°F (-195°C).
CLAMPING PRESSURE	10 to 15 psi (70 to 105 kN/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 Postcure: 1 hour at +450°F (+232°C).

PACKAGING
KIT
5 (10 g ea) packages

* **Reference:** Instruction Bulletin B-172 for complete details.

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