

Strain Gage Adhesive

OTHER ACCESSORIES USED IN AN M-BOND 300 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 Applicators
- PCT-2M Gage Installation Tape
- HSC Spring Clamp
- GT-14 Pressure Pads and Backup Plates



RoHS
COMPLIANT



DESCRIPTION

Special-purpose, two-component polyester adhesive. Not recommended as a general-purpose strain gage adhesive, but useful when a low-temperature-curing adhesive is required. While possessing the high shear strength required of a strain gage adhesive, peel strength and solvent sensitivity are relatively poor. Should not be used for impact strain measurements, or with solvent thinned protective coatings.

CHARACTERISTICS	
PARAMETER	DETAILS
OPERATING TEMPERATURE RANGE	Long Term: -40° to +300°F (-40° to +150°C)
ELONGATION CAPABILITIES	1% to 2% at +75°F (+24°C).
SHELF LIFE	Minimum 4 months at +75°F (+24°C). Refer to product label for most recent information.
POT LIFE	15 to 20 minutes at +40°F (+5°C); 5 to 8 minutes at +75°F (+24°C).
CLAMPING PRESSURE	5 to 20 psi (35 to 140 kN/m ²).
CURE REQUIREMENTS*	24 hours at +40°F (+5°C); 18 hours at +60°F (+15°C); 12 hours at +75°F (+24°C).

PACKAGING
KIT
6 mixing jars (10 g ea) Resin 6 calibrated pipettes 1 bottle (6 g) Catalyst 6 stirring rods

* **Reference:** Instruction Bulletin B-133, "Strain Gage Installations with M-Bond 300 Adhesive", included in each kit.



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