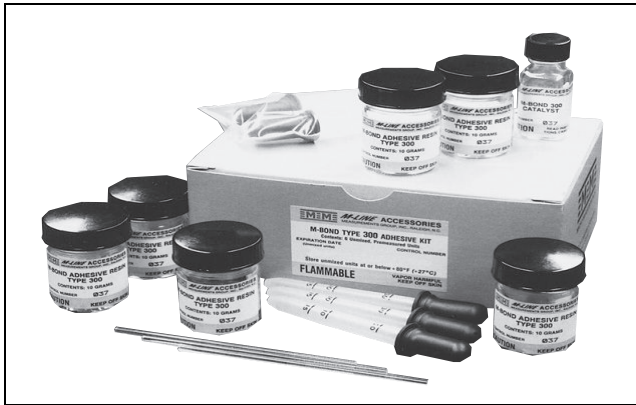


Strain Gage Adhesive



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 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

Operating Temperature Range:

Long Term: -40° to $+300^{\circ}$ F [-40° to $+150^{\circ}$ C].

Elongation Capabilities:

1% to 2% at $+75^{\circ}$ F [$+24^{\circ}$ C].

Shelf Life:

Minimum 4 months at $+75^{\circ}$ F [$+24^{\circ}$ C].

Pot Life:

15 to 20 minutes at $+40^{\circ}$ F [$+5^{\circ}$ C]; 5 to 8 minutes at $+75^{\circ}$ F [$+24^{\circ}$ C].

Clamping Pressure:

5 to 20psi [35 to 140kN/m²].

Cure Requirements:

24 hours at $+40^{\circ}$ F [$+5^{\circ}$ C];
18 hours at $+60^{\circ}$ F [$+15^{\circ}$ C];
12 hours at $+75^{\circ}$ F [$+24^{\circ}$ C].

PACKAGING

Kit:

- 6 mixing jars [10g ea] Resin
- 6 calibrated pipettes
- 1 bottle [6g] Catalyst
- 6 stirring rods

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