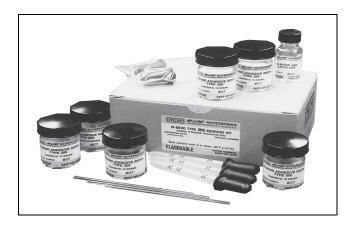




Strain Gage Adhesive



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

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°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].

Pot Life

15 to 20 minutes at +40°F [+5°C]; 5 to 8 minutes at +75°F [+24°C].

Clamping Pressure:

5 to 20psi [35 to 140kN/m²].

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 [10g ea] Resin 6 calibrated pipettes 1 bottle [6g] Catalyst 6 stirring rodsl

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

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