

Strain Gage Adhesive

OTHER ACCESSORIES USED IN AN M-BOND A-12 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-3M Gage Installation Tape
- HSC Spring Clamp
- GT-14 Pressure Pads and Backup Plates

DESCRIPTION

Two-component, 100%-solids epoxy system. Not intended as a general-purpose strain gage adhesive. Should be used only when maximum elongation requirements of a test exceed the capabilities of other M-Bond adhesive systems. Mixed adhesive gritty with large solid particles present; large particles must be removed prior to gage installation.



CHARACTERISTICS	
PARAMETER	DETAILS
OPERATING TEMPERATURE RANGE	Long Term: -50° to +180°F (-45° to +80°C)
ELONGATION CAPABILITIES	15% to 20% at +75°F (+24°C).
SHELF LIFE	Minimum 1 year at +75°F (+24°C). Refer to product label for most recent information.
POT LIFE	Approximately 1 hour.
CLAMPING PRESSURE	5 to 20 psi (35 to 140 kN/m ²).
CURE REQUIREMENTS*	2 hours at +165°F (+75°C), or 2 weeks at +75°F (+24°C).

PACKAGING
KIT
1 tube (55 grams) Part A component 1 tube (45 grams) Part B component 5 disposable mixing cups 5 wooden stirring sticks

* **Reference:** Instruction Bulletin B-184 for complete details.



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