



Strain Gage Adhesives for Transducer Applications

M-Bond 43-B



OTHER ACCESSORIES USED IN AN M-BOND 43-B 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
- MJG-2 Mylar® Tape
- TFE-1 Teflon® Film
- HSC Spring Clamp
- GT-14 Pressure Pads and Backup Plates

DESCRIPTION

Single-component, solvent-thinned, epoxy adhesive commonly used in transducer applications; solids content 25%. May be used both as an adhesive and as a protective

coating. Capable of forming very thin, hard, void-free gluelines similar to M-Bond 610. Highly resistant to moisture and chemical attack.

CHARACTERISTICS

Operating Temperature Range:

– 452° to + 250°F
(– 269° to + 120°C)

Shelf Life:

9 months at + 75°F (+ 24°C)
18 months at + 40°F (+ 5°C)

Pot Life:

9 months at + 75°F (+ 24°C)
18 months at + 40°F (+ 5°C)

Clamping Pressure:

45 to 60 psi (3 to 4 bar)
50 psi (3.4 bar) optimum

Cure Requirements:

Recommended Cure: 2 hours at + 375°F (+ 190°C)

Recommended Postcure: 2 hours at + 400°F (+ 205°C)

PACKAGING

Kit:

4 brush-cap bottles (30 ml ea) premixed adhesive