

## Strain Gage Adhesive



### OTHER ACCESSORIES USED IN AN M-BOND GA-2 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

Two-component, partially filled, 100%-solids epoxy system for general-purpose stress analysis. Higher viscosity than AE systems. Elevated-temperature cure recommended for best

performance and resistance to chemical attack. Often used to fill irregular surfaces. Uneven gluelines easily detectable by nonuniformity of bond color.

### CHARACTERISTICS

#### Operating Temperature Range:

**Long Term:** -320° to +200°F [-195° to +95°C].

#### Elongation Capabilities:

4% at -320°F [-195°C].

10% to 15% at +75°F [+24°C] after 40-hour RT cure or 6-hour RT cure with postcure.

#### Shelf Life:

Minimum 12 months at +75°F [+24°C]; or 18 months at +40°F [+5°C].

#### Pot Life:

15 minutes at +75°F [+24°C]. Can be extended by cooling jar or by spreading adhesive on clean aluminum plate.

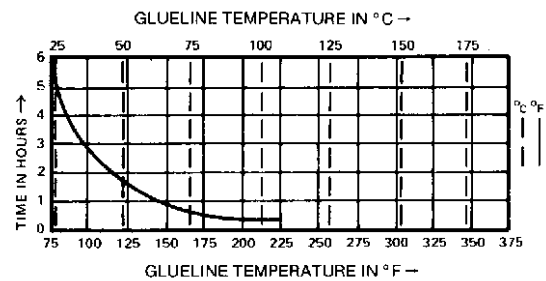
#### Clamping Pressure:

5 to 20psi [35 to 140kN/m<sup>2</sup>]. The black filler provides a visual indication of nonuniform bond areas caused by uneven clamping pressure.

#### Cure Requirements:

**Preferred Room-Temperature Cure:** 40 hours at +75°F [+24°C].

**Recommended Postcure:** 2 hours at 25°F [15°C] above maximum operating temperature.



### PACKAGING

#### Kit:

- 6 mixing jars [15g ea] Resin
- 6 calibrated pipettes
- 1 bottle [15ml] Curing Agent 10-A
- 6 stirring rods

**References:** Instruction Bulletin B-137, "Strain Gage Applications with M-Bond AE-10, AE-15, and GA-2 Adhesive Systems," included in each kit.

## Disclaimer

All product specifications and data are subject to change without notice.

Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay Precision Group"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay Precision Group disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay Precision Group's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay Precision Group.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay Precision Group products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay Precision Group for any damages arising or resulting from such use or sale. Please contact authorized Vishay Precision Group personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.