Strain Gage Application Kits
# Strain Gage Application Kits

## FEATURES
- GAK-2 Series Kits include all materials necessary to immediately start making strain gage installations for routine applications.
- Kit supplies and materials are provided in a tool box for convenience and portability.
- BAK-200 kit contains essential materials for M-Bond 200 installations, packaged in a cardboard box.
- CEA-200 kit contains CEA strain gages and materials needed for installation of the gages. Perfect for educators and novice strain gage users.

## KIT CONTENTS

### GAK-2-200
- M-Bond 200, 1 kit
- CSM Degreaser, 1 can
- MCA-1 M-Prep Conditioner A, 1 btl
- MNSA-1 M-Prep Neutralizer 5A, 1 btl
- SCP-1 220 grit, 1 roll
- SCP-2 320 grit, 1 roll
- SCP-3 400 grit, 1 roll
- CSP-1 Cotton Swabs, 1 pkg
- GSP-1 Gauze Sponges, 1 pkg
- PCT-2M Gage Installation Tape, 1 roll
- 361A-20R-25 Solder, 1 roll, 25 ft [7.6 m]
- Rosin Solvent, 1 oz [30 ml]
- CFP-AST Bondable Terminals, 1 box
- 326-DFV, 3-Conductor Leadwire, 100 ft [30 m]
- M-Coat A, 1 oz [30 ml]
- 134-AWP Solid Copper Wire, 500 ft [150 m]
- Plastic Tool Box

### GAK-2-AE-10
- M-Bond AE-10, 1 kit
- CSM Degreaser, 1 can
- MCA-1 M-Prep Conditioner A, 1 btl
- MNSA-1 M-Prep Neutralizer 5A, 1 btl
- SCP-1 220 grit, 1 roll
- SCP-2 320 grit, 1 roll
- SCP-3 400 grit, 1 roll
- CSP-1 Cotton Swabs, 1 pkg
- GSP-1 Gauze Sponges, 1 pkg
- PCT-2M Gage Installation Tape, 1 roll
- 361A-20R-25 Solder, 1 roll, 25 ft [7.6 m]
- Rosin Solvent, 1 oz [30 ml]
- CFP-AST Bondable Terminals, 1 box
- 326-DFV, 3-Conductor Leadwire, 100 ft [30 m]
- M-Coat A, 1 oz [30 ml]
- 134-AWP Solid Copper Wire, 500 ft [150 m]
- SGP-2 Silicone Rubber, 1 pc
- HSC-1 No. 1 Spring Clamp, 1 ea
- HSC-2 No. 2 Spring Clamp, 1 ea
- Plastic Tool Box

### GAK-2-610
- M-Bond 610, 1 kit
- CSM Degreaser, 1 can
- MCA-1 M-Prep Conditioner A, 1 btl
- MNSA-1 M-Prep Neutralizer 5A, 1 btl
- SCP-1 220 grit, 1 roll
- SCP-2 320 grit, 1 roll
- SCP-3 400 grit, 1 roll
- CSP-1 Cotton Swabs, 1 pkg
- GSP-1 Gauze Sponges, 1 pkg
- MUG-2 Mylar® Tape, 1 roll
- PCT-1 Paper Drafting Tape, 1 roll
- 361A-20R-25 Solder, 1 roll, 25 ft [7.6 m]
- Rosin Solvent, 1 oz [30 ml]
- CFP-AST Bondable Terminals, 1 box
- 326-DFV, 3-Conductor Leadwire, 100 ft [30 m]
- M-Coat C, 1 oz [30 ml]
- 134-AWP Solid Copper Wire, 500 ft [150 m]
- SGP-2 Silicone Rubber, 1 pc
- HSC-1 No. 1 Spring Clamp, 1 ea
- HSC-2 No. 2 Spring Clamp, 1 ea
- TFE-1 Teflon® Film, 1 roll
- Plastic Tool Box

### BAK-200
- M-Bond 200 Adhesive, 1 oz [28 g]
- M-Bond 200 Catalyst, 1 btl
- CSP-1 Cotton Swabs, 1 pkg
- PCT-2M Gage Installation Tape, 1 roll
- CSM Degreaser, 1 can
- GSP-1 Gauze Sponges, 1 pkg
- MCA-1 M-Prep Conditioner A, 1 btl
- MNSA-1 M-Prep Neutralizer 5A, 1 btl
- SCP-2 320 grit, 1 roll
- SCP-3 400 grit, 1 roll

### CEA-200
- CEA-13-250 UW-350/P2, 5 pcs
- M-Bond 200 Adhesive, 2 @ 2 grams
- M-Bond 200 Catalyst, 1/2 oz [30 ml]
- CSP-1 Cotton Swabs, 20 ea
- GSP-1 Gauze Sponges, 60 ea
- PCT-2M Tape, 1 roll
- GC-6 Alcohol, 4 oz
- MCA-1 M-Prep Conditioner A, 1 btl
- MNSA-1 M-Prep Neutralizer 5A, 1 btl
- SCP-2 Silicon-Carbide Paper, 20 in
- SCP-3 Silicon-Carbide Paper, 20 in
- Aluminum Beams, 2 ea
- Practice Beams, 2 ea
- DP-1 Drafting Pencil, 1 ea
- Practice Patterns, 25 pcs

---

Mylar And Teflon are Registered Trademarks of DuPont.
Master Strain Gage Application Kit

FEATURES

- Includes all supplies and special tools for making a wide range of strain gage installations for both laboratory and field applications.
- Successfully complete any organic strain gage installation for operation from -452° to +500°F [-269° to +260°C].
- All materials, including complete instructions, conveniently packaged in a molded, crush-proof, copolymer toolbox.

### MAK-1 KIT CONTENTS

**Surface Preparation Materials:**
- CSM Degreaser, 1 can
- MCA-1, M-Prep Conditioner A, 1 bottle
- MNSA-1, M-Prep Neutralizer 5A, 1 bottle
- Silicon-Carbide Paper: 220, 320, 400 grit, one 10-ft [3-m] roll each
- CSP-1, Cotton Swab, 4 packages
- GSP-1, Gauze Sponges, 2 packages
- RSK-1, Rosin Solvent, two 1-oz [30-ml] bottles

**Application Tools:**
- SSH-1, Surgical Shears
- SSC-1, Surgical Scalpel and Blade
- SSC-2, Scalpel Blades (5)
- BTW-1, Tweezers
- STW-1, Tweezers
- DP-1, 4-H Drafting Pencil
- DWC-1, Diagonal Cutters
- DPR-1, Dental Probe (2)
- NNP-1, Needle-Nosed Pliers
- SSS-1, Steel Scale
- SPT-1, Spatula
- SPT-2, Spatula

**Hardware:**
- PCT-2M, Gage Installation Tape, 2 dispenser rolls
- PDT-1, Drafting Tape, 2 dispenser rolls
- MJG-2, Mylar® Tape, 1 roll
- HSC-1, No. 1 Spring Clamps (4)
- HSC-2, No. 2 Spring Clamps (2)
- HSC-3, No. 3 Spring Clamp (1)
- TFE-1, Teflon® Film, 1 roll
- GT-14, Pressure Pads & Plates Kit

**Adhesives:**
- M-Bond 200, 1 kit
- M-Bond AE-10, 1 kit
- M-Bond 610, 1 kit

**Soldering Supplies:**
- MBS-1-XXX, Mark VIII Soldering Unit (specify 115 or 230 Vac)
- 361A-20R, 1 lb [0.45 kg]
- 361A-20R-25, 1 roll
- 450-20S-25, 1 roll
- 570-28R-20, 1 roll
- FAR-1, M-Flux AR, 1 kit
- CPF-AST, Terminal Strip Assortment, 1 box

**Leadwire:**
- 134-AWP, 100 ft [30-m]
- 126-DVV: Red, White, Black, Green, one 100-ft [30-m] roll each
- 326-DFV, 100 ft [30 m]
- 130-FWT: Red, White, Black, Green, one 50-ft [15 m] roll each

**Protective Coatings:**
- M-Coat A, two 1-oz [30-ml] bottles
- M-Coat B, two 1-oz [30-ml] bottles
- M-Coat C, 1-oz [30-ml] bottle
- M-Coat D, 1-oz [30-ml] bottle
- M-Coat F, 1 kit
- 314S RTV Silicone Rubber, 3-oz [85-g] tub

Mylar and Teflon are Registered Trademarks of DuPont.

**Reference:** An adhesive selection table is provided in the “M-Bond Strain Gage Adhesives.”