

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 $+500^{\circ}\text{F}$ [-269° to $+260^{\circ}\text{C}$].
- 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
MN5A-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:

M8S-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-DWV: 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
3145 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."