

Product
Bulletin**E10-108****Flexible, Room Temperature, Silver Epoxy,
Electrically Conductive, Adhesive****GENERAL DESCRIPTION**

E10-108 is a two-component, conductive, silver-filled, flexible, epoxy adhesive. This unique formulation is free of solvents and carbon or copper additives.

E10-108 cures at room temperature to form a tenacious bond between similar and dissimilar substrates including glass, plastic, ceramics, insulates, and metals.

E10-108 is recommended for sealing and coating applications that need a combination of flexibility and good mechanical and electrical properties.

E10-108 has been used extensively in such diversified applications as in the assembly or repair of printed circuit boards, electronic modules, flat cable, high frequency shields, flexible circuits and as a cold solder for high-sensitive components where hot-soldering is impractical.

APPLICATION

1. Clean and remove any dirt and grease from surfaces to be bonded.
2. Mix components thoroughly, until the color is uniform throughout the mixture.
3. Apply and cure; maintain contact between prepared surfaces until the adhesive has cured.

SPECIFICATIONSELECTRICAL PROPERTIES:

Volume Resistivity, ohm-cm.....0.0001

HANDLING CHARACTERISTICS:

Base:	Epoxy
Solvent:	None
Carbon Additives:	None
Copper Additives:	None
Reactive Solids Content, %:	100
Mix Ratio: by weight, Resin to catalyst	1:1
Mixed Viscosity at 25°C, cps:	Smooth Paste
Workable Pot Life,	
100 gm. Mass at 25°C:	2 hrs.
Color:	Silver
Cure Schedule:	16 hrs. @ 25°C Or 2 hrs. @ 65°C

PHYSICAL CHARACTERISTICS:

Hardness Shore A:	64
Specific Gravity:	2.85
Thermal Conductivity,	
Thermal Conductivity: btu / hr / ft ² / °F / in	5
Operating temp. Range, °C:	-60 to +115

AVAILABILITY and PACKAGING

ALFA E10-108 is available for immediate delivery From stock in:

*Highly flexible transparent two compartment plastic pouch, each section is filled with premeasured component. Pouches are supplied in 2,5,10 &20 gram sizes.

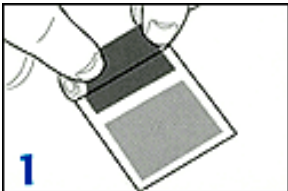

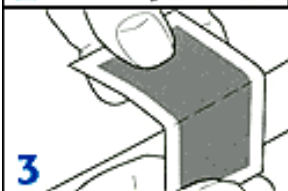

*Premeasured, pint, Quart, gallon Kits

PRICE ON REQUEST

PACKAGING

E10-108 is available in:

- 1- Burst Pouches (2.5 grams, 5grams, 10grams)

	Roll pouch to force liquid toward burst seal.
	Squeeze and apply pressure to burst through seal
	Mix thoroughly on edge of desk until well mixed
	Cut corner and dispense.

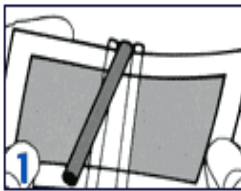


- 2- Jars Kits: (0.5Lb, 1.0Lb, 2.0 Lb)

Pre-measured part A and B



PACKAGING

- 3- Two Chamber Pouches Separated by Plastic Clamp (2.5 grams, 5 grams, 10 grams)

	Hold each end of pouch and pull firmly to remove plastic divider
	Mix thoroughly on table top or any 90° surface until well mixed.
	Cut corner and dispense. Plastic divider can also be used as an applicator

