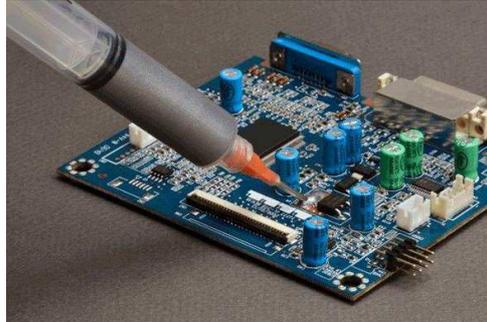


TECHNICAL SPECIFICATION

Electrically Conductive Epoxies for electronic and Industrial applications



Description

Conductive Adhesives and Potting Compounds combine unique resins and hardeners with specialty conductive fillers to provide continuous service to 500°F.

Conductive Adhesives bond to glass, ceramics, metals and plastics, have excellent resistance to most chemicals and solvents and are ideal for all high temperature applications.

Applications

Applications include solder replacement, semiconductor bonding, shielding, electronics, quick repairs, heat transfer, etc.

Provisions

Cat. No	Temp.	Size
120	500°F	2 Oz.
122	500°F	4/8 Oz.
125	450°F	1 Oz.
126	450°F	2 Oz.

Products

P/N	120 Epoxy	122 Epoxy	125 Epoxy	125 Epoxy
Major constituent	Silver	Nickel	Silver	Silver
Features	Hi-Conductive	Low cost	Flexible	One component
Max. Temperature °F	500	500	450	450
Min. Temperature °F	-40	-40	-40	-40
Volume resistance Ohm-cm	0.00008	0.7	0.002	0.002
Thermal cond. (BTU-in/hr. °F Ft ²)	50	15	40	50
Viscosity cps	25,000	25,000	50,000	15,000
Cure cycle Hrs @ 75°F	16-24	16-24	16-24	
Cure cycle @ 200°F	10 min.	10 min.	20 min.	10 min@325
Color	Silver	Silver	Silver	Silver
No. Of Components	2	2	2	1
Size ounces	2	4	1	2

120 500°F Silver Filled Epoxy

Contains over 70% ultra fine silver to provide the ultimate electrical conductivity. Resistances of 0.00008 ohm - cm have been reported in independent tests.

Cures at room temperature and is ideal for use in applications where the maximum conductivity is required.

122 500°F Nickel based

This Nickel filled adhesive and casting epoxy was specially formulated to provide an economical alternative to Silver filled, electrically conductive epoxies.

Adhesive 122 is low in cost and highly conductive.

It is ideal for use in applications where the upmost in electrical conductivity is not required.

Can be used to 500°F.

125 450°F Stress Free, Silver Filled Epoxy

Pre-Measured, Dispenser Kits

Just dispense mix and apply. 125 has excellent adhesion, will bond dissimilar materials and cures at room temp. to form flexible, electrically conductive bond lines for use to 400°F

Ideal for instant repairs and production applications.

126 450°F One Component, Silver Filled

A One Component Epoxy, specially designed for production applications.

Ideal for use in automatic dispensing equipment.