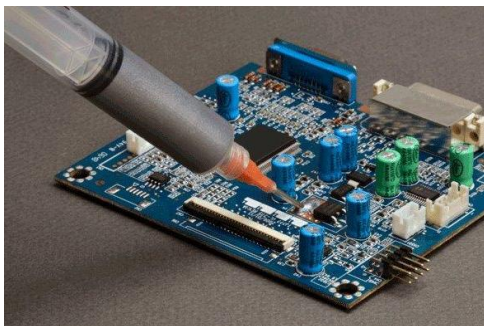


## TECHNICAL SPECIFICATION

### *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 260°C.

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	260°C	2 Oz.
122	260°C	4/8 Oz.
125	232°C	1 Oz.
126	232°C	2 Oz.

#### Products

P/N	120 Epoxy	122 Epoxy	125 Epoxy	126 Epoxy
Major constituent	Silver	Nickel	Silver	Silver
Features	Hi-Conductive	Low cost	Flexible	One component
Max. Temperature °C	260	260	232	232
Min. Temperature °C	-40	-40	-40	-40
Volume resistance Ohm-cm	0.00008	0.7	0.002	0.002
Viscosity cps	25,000	25,000	50,000	15,000
Cure cycle Hrs @ 24°C	16-24	16-24	16-24	
Cure cycle @ 93°C	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

 Protezioni Interferenze Elettromagnetiche EMI - RFI - ESD - TEMPEST		COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = AS/EN/JISQ 9100 =	COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001 =	Specifica: SOL-19 Rev. 2 21/01/2021 Pag. 2/2
---	---	---	--	---

### **120 260°C 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.

### **122 260°C 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 260°C.

### **125 232°C 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 204°C

Ideal for instant repairs and production applications.

### **126 232°C One Component, Silver Filled**

A One Component Epoxy, specially designed for production applications.

Ideal for use in automatic dispensing equipment.