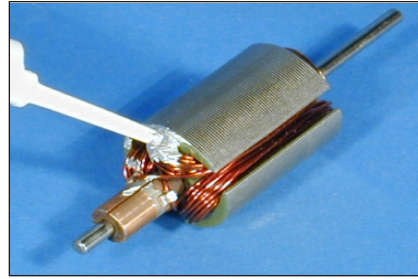


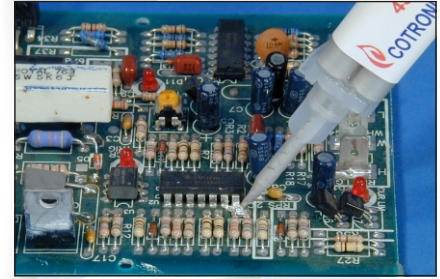
# 650°F ELECTRICALLY CONDUCTIVE ADHESIVES



**Duralco 120 Replaces Soldering in an Lamp Assembly**



**Duralco 120 Provides Conductive Paths In a High Temp. Motor**



**Duralco 125 Replaces Soldering on a Circuit Board**

Duralco™	120	122	124	125	126	127
<b>Major Constituent</b>	<b>Silver</b>	<b>Nickel</b>	<b>Silver</b>	<b>Silver</b>	<b>Silver</b>	<b>Graphite</b>
<b>Features</b>	Hi-Conductive	Low Cost	Hi-Temp.	Flexible	One Component	Low Cost
<b>Max. Temperature °F</b>	500	500	650	450	450	400
Volume Resistance ohm-cm.	0.00008	0.7	0.002	0.002	0.002	0.02
Thermal Cond. (BTU-in/hr.°F Ft <sup>2</sup> )	50	15	50	40	50	25
Viscosity cps	25,000	25,000	20,000	50,000	15,000	50,000
Cure Cycle Hrs. @75°F	16 - 24	16 - 24	4hr.@ 250	16-24	½ hr.@ 275	16 - 24
Cure Cycle @ 200°F	10 min.	10 min.	N.A.	20 min.	10 min @ 325	20 min.
Color	Silver	Silver	Silver	Silver	Silver	Black
No. of Components	2	2	2	2	1	2
Size ounces	2	4	2	1	2	2.5

Duralco™ Conductive adhesives and potting compounds provide the conductivity required for many high temp. electronic and industrial applications.

These Ultra Temp. Adhesives combine Cotronics' unique resins and hardeners with specialty conductive fillers to provide continuous service up to 650°F.

They will bond to glass, ceramics, metals and plastics and offer excellent resistance to most chemicals and solvents.

**Applications Include:** Solder replacement, semi-conductor bonding, shielding, electronics, circuit board repair, etc.

### Duralco 120 500°F Silver Based

A Silver filled epoxy that cures at room temp. to form electrically conductive bond lines for use to 500°F.

Contains over 70% Ultra Fine Active Silver to provide the ultimate in electrical conductivity. Resistance of 0.00008 ohm-cm have been reported in independent tests.

Duralco 120 is ideal for forming electrically conductive bonds, attaching heat sensitive components and as a solder replacement.

### Duralco 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.

Duralco 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.

### Duralco 124 650°F Ultra Temp Silver Based

A two component, silver filled adhesive for High Power applications

Just mix and cure with mild heat. Can be used up to 650°F.

Users report: Duralco 124 provided a conductive bond for over 6 months at 650°F.

### Duralco 125 450°F Flexible Conductive Silver Based

Easy to use, "one to one", applicator kit. Just dispense, mix and apply this smooth creamy paste and cure at room temp.

Bonds to most metals, ceramics, and plastics to form stress free, electrically conductive bonds.

### Duralco 126 450°F One Component, Silver Filled

A one component, highly conductive epoxy specifically designed for production applications. No mixing. no mess. Just dispense and heat cure.

Commonly used in automatic dispensing equipment.

### Duralco 127 400°F Graphite Based Dispenser Kit

Easy to use, "one to one", applicator kit. Just dispense, mix and apply. This smooth creamy paste cures at room temp. and is ideal for low cost production applications. Can be used in automatic dispensing equipment.

Cat. No.	Temp.	Size
Duralco 120	500°F	2 oz.
Duralco 122	500°F	4 oz.
Duralco 124	650°F	2 oz.
Duralco 125	400°F	1 oz.
Duralco 126	450°F	2 oz.
Duralco 127	400°F	2 oz.



# COTRONICS CORPORATION

www.cotronics.com 3379 Shore Parkway Brooklyn, New York 11235 (718) 646-7996 Fax (718) 646 3028