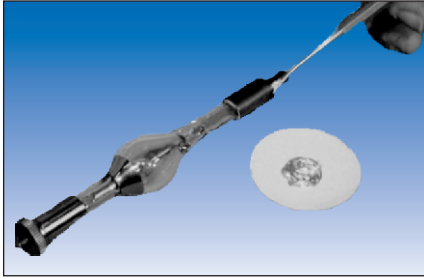
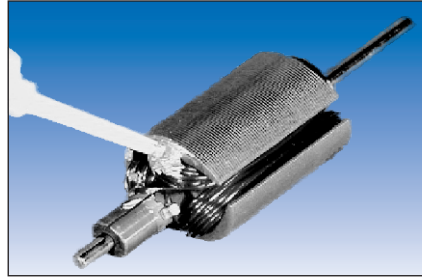


650°F ELECTRICAL CONDUCTIVE ADHESIVES

For Electronic and Industrial Applications



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
Major Constituent	Silver	Nickel	Silver	Silver	Silver	Graphite
Features	Hi-Conductive	Low Cost	Hi-Temp.	Flexible	One Component	Low Cost
Max. Temperature °F	500	500	650	450	450	400
Volume Resistivity (ohm-cm)	0.00008	0.7	0.002	0.002	0.002	0.02
Thermal Cond. (BTU-in/hr.°F Ft ²)	50	15	50	40	50	25
Mixed Viscosity (cps)	Smooth Fine Paste	Smooth Fine Paste	Smooth Fine Paste	Smooth Fine Paste	Smooth Fine Paste	Smooth Fine Paste
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