COTRONICS® ELECTRICALLY CONDUCTIVE EPOXY

Duralco® Conductive Epoxy Adhesives and potting compounds provide the conductivity required for many high temp. electronic and industrial applications. These ultralow-temperature adhesives combine Cotronics® unique resins and hardeners with specialty conductive fillers to provide continuous service up to 340°C. They will bond to glass, ceramics, metals and plastics and offer excellent resistance to most chemicals and solvents.

APPLICATIONS

- Solder replacement,
- Semi-conductor bonding,
- Shielding,
- Electronics,
- Circuit board repair...

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Composition</th>
<th>Electrically Conductive Epoxy</th>
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<tbody>
<tr>
<td>Duralco®</td>
<td>120</td>
</tr>
<tr>
<td>Charge</td>
<td>Silver</td>
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<tr>
<td>Viscosity cps</td>
<td>25000</td>
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<tr>
<td>Thermal Conductivity W/m.K</td>
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<td>Resistivity Ω cm</td>
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<td>Components</td>
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<tr>
<td>Cure Cycle h @ 24°C</td>
<td>24</td>
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<tr>
<td>Cure Cycle m @ 95°C</td>
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</table>

For pricing information or general queries, please email: info@final-materials.com
260°C - DURALCO® 120
Hi-conductive Silver based Epoxy

Duralco® 120 is a Silver filled Epoxy that cures at room temp. to form electrically conductive bond lines for use to 260°C. Contains over 70% Ultra Fine Active Silver to provide the ultimate in electrical conductivity. Resistance of 0.00008 Ω.cm have been reported in independent tests. 120 is ideal for forming electrically conductive bonds, attaching heat sensitive components and as a solder replacement.

260°C - DURALCO® 122
Low Cost Nickel based Epoxy

Duralco® 122 is a Nickel filled Adhesive and casting Epoxy, formulated to provide an economical alternative to silver filled, electrically conductive epoxies. 122 is low in cost and highly conductive. It is ideal for use in applications where the utmost in electrical conductivity is not required. Can be used to 260°C.

340°C - DURALCO® 124
Ultra-temperature Silver based Epoxy

Duralco® 124 is a two component, silver filled adhesive for High Power applications. Just mix and cure with mild heat. Can be used up to 340°C.

230°C - DURALCO® 125
Flexible conductive Silver based Epoxy

Duralco® 125 is 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.

230°C - DURALCO® 126
One component, Silver based Epoxy

Duralco® 126 is 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.

200°C - DURALCO® 127
Graphite based Dispenser Kit

Duralco® 127 is 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.

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