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.

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**Duralco™ Conductive Adhesives**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Temp</th>
<th>Size</th>
<th>Features</th>
<th>Max. Temperature</th>
<th>Volume Resistivity (ohm-cm)</th>
<th>Thermal Cond. (BTU-in/hr.ºF Ft)</th>
<th>Mixed Viscosity (cps)</th>
<th>Cure Cycle Hrs. @ 200°F</th>
<th>Color</th>
<th>No. of Components</th>
<th>Size ounce</th>
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</thead>
<tbody>
<tr>
<td>120</td>
<td></td>
<td></td>
<td>Silver</td>
<td>500</td>
<td>0.00008</td>
<td>50</td>
<td>Smooth Fine Paste</td>
<td>10 min.</td>
<td>Silver</td>
<td>2</td>
<td>2</td>
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<tr>
<td>122</td>
<td></td>
<td></td>
<td>Nickel</td>
<td>500</td>
<td>0.7</td>
<td>15</td>
<td>Smooth Fine Paste</td>
<td>16 - 24</td>
<td>Silver</td>
<td>2</td>
<td>4</td>
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<tr>
<td>124</td>
<td>650</td>
<td></td>
<td>Silver</td>
<td>450</td>
<td>0.002</td>
<td>50</td>
<td>Smooth Fine Paste</td>
<td>4 hr @ 250</td>
<td>Silver</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>125</td>
<td>450</td>
<td></td>
<td>Silver</td>
<td>40</td>
<td>0.002</td>
<td>40</td>
<td>Smooth Fine Paste</td>
<td>N.A.</td>
<td>Silver</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>126</td>
<td></td>
<td></td>
<td>Silver</td>
<td>25</td>
<td>0.002</td>
<td>50</td>
<td>Smooth Fine Paste</td>
<td>½ hr @ 275</td>
<td>Silver</td>
<td>2</td>
<td>2</td>
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<tr>
<td>127</td>
<td>400</td>
<td></td>
<td>Graphite</td>
<td>25</td>
<td>0.02</td>
<td>75</td>
<td>Smooth Fine Paste</td>
<td>10 min @ 325</td>
<td>Black</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

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**Cotronics Corp.**
For Electronic and Industrial Applications

650°F ELECTRICAL CONDUCTIVE ADHESIVES

www.cotronics.com  │  Phone: 718-788-5533  │ Facsimile: 718-788-5538

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Duralco™ 120 Replaces Soldering in a Lamp Assembly
Duralco™ 120 Provides Conductive Paths In a High Temp. Motor
Duralco™ 125 Replaces Soldering on a Circuit Board