

500°F THERMALLY CONDUCTIVE ADHESIVE

For High Power Applications

500°F Duralco 132

Just Mix and Apply

Cures at Room Temperature

Provides Fast Heat Transfer

Ideal for any Industrial, Electrical or Electronic Application

Duralco thermally conductive adhesives combine Cotronics' unique, high temperature resins with highly conductive fillers to form thermally conductive, adhesive bonds with continuous service up to 500°F.

Easy to use. Just mix and apply.

100% solids formulations. No volatiles. No VOC's.

Duralco 132 has excellent adhesion to metals, glass, ceramics, and plastics.

Offers excellent resistance to chemicals solvents and moisture.

Provides the heat dissipation required for many high temperature electronic and industrial applications.

Users Report:

- Duralco 132 dissipates heat in a semiconductor device.
- Duralco 132 transfers the heat generated in high power devices and provides for efficient cooling.
- Duralco 132 bonds electrical heating elements for fluid heating.

Applications include: bonding and assembling heating coils, cooling coils, heating elements, heat sinks, reaction vessels, semi-conductors, rectifiers, power supplies, replacement for soldering and welding, etc.

Duralco 132P is commonly used as a heat tracing adhesive which is used to bond heating or cooling tubing to equipment. Its' non sag formulation and room temperature curing, provides for the most efficient placement of the heating or cooling coils.

Duralco 132 is the ideal choice for high temperature, high power electronic or industrial applications requiring high thermal conductivity.

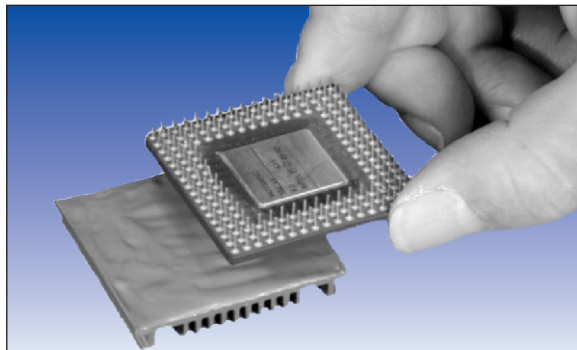
Availability:

Cat No.	Description	Temp.
Duralco 132-1	16 oz. Kit	500 °F
Duralco 132-2	32 oz. Kit	500 °F
Duralco 132IP-1	16 oz. Kit	500 °F
Duralco 132IP-2	32 oz. Kit	500 °F
Duralco 132P	16 oz. Kit	500 °F
Duralco 132P-IP	16 oz Putty	500 °F

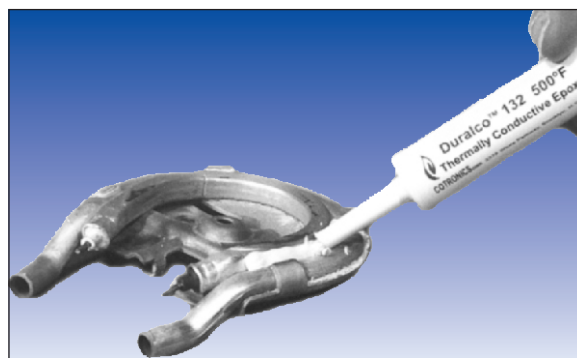
Pre-Measured Kits

Each Unit Contains: 1 jar of resin, 1 syringe of hardener and 1 mixing stick. (See page 19 for details.)

EE 132-10	10-10 gm Units/Box
EE 132-25	10-25 gm Units/Box
EE132IP-10	10-10 gm Units/Box
EE 132IP-25	10-25 gm Units/Box



Duralco 132 Dissipates Heat in A Semi Conductor Device



Duralco 132 Bonds Electrical Heating Element for Fluid Heating

Physical Properties		132	132IP
Maximum Temp	°F	500	500
Components -Color		Grey	Grey
Viscosity	cps	55,000	60,000
Hardness	Shore 'D'	75	75
Flexural Strength	psi	1,150	1,600
Compressive Strength	psi	6,000	6,350
Thermal Conductivity	BTU in/hr. °F ft ²	40	40
Thermal Expansion	10 ⁻⁵ / °C	4.1	4.1
Volume Resistivity	ohm-cm	10 ⁶	10 ⁶
Heat Distortion	°C	210	210
Thermal Stability	%1000 hr @ 200°C	0.2	0.2
Shrinkage	% max.	0.8	0.8
Moisture Absorption	30 Days %	0.2	0.2
Mix Ratio	R / H	100/8	100/8
Cure	Hrs. @ R. T.	16	16

Quantity Prices and Custom Formulations