

# Duralco™ 132

## 500°F Thermally Conductive Epoxy

### For High Power Applications

- **Just Mix and Apply**
- **Cures at Room Temperature**
- **Fast Heat Transfer in any Industrial, Electrical or Electronic Application.**



Bonds Electrical Heating Element for Fluid Heating

Duralco™ 132 combines Cotronics' unique, high temperature epoxy formulation with highly conductive fillers to form thermally conductive bonds with continuous service up to 500°F.

Easy to use. Just mix, apply and cure at room temperature.

**Duralco™ 132** bonds to metals, glass, ceramics, and plastics, and offers excellent resistance to chemicals, solvents and moisture.

Commonly used as a heat tracing adhesive and as a replacement for soldering and welding.

**Applications Include:** bonding and assembling heating coils, cooling coils, heating elements, heat sinks, reaction vessels, semi-conductors, rectifiers, power supplies, etc.

**Duralco™ 132 The Ideal Choice For High Power, High Temperature, Electronic or Industrial Application Requiring High Thermal Conductivity.**

**Distributed By:**



#### Physical Properties

<b>Max. Use Temp.</b>	<b>500°F</b>
Base	Aluminum
Components	2
Viscosity	45,000 cps
Density	1.9 gms / cc
Hardness	85 Shore D
Flexural Strength	1150 psi
Compressive Strength	6000 psi
Thermal Expansion	$8 \times 10^{-5} / ^\circ\text{C}$
Thermal Conductivity	45 BTU in/hr. °F Ft. <sup>2</sup>
Heat Distortion	210°C
Thermal Stability	0.5%
Moisture Absorption	0.2% (30 days at 50°C)
Mix Ratio (by weight)	100 / 27.3

#### Availability:

Cat No.	Description
132-1. . . . .	16 ounce kits
132-2 . . . . .	32 ounce kits

Available in a Non- Sag Paste Form and convenient Epox-Eez pre-measured kits and production quantities.

Prices available upon request.



# COTRONICS CORPORATION

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