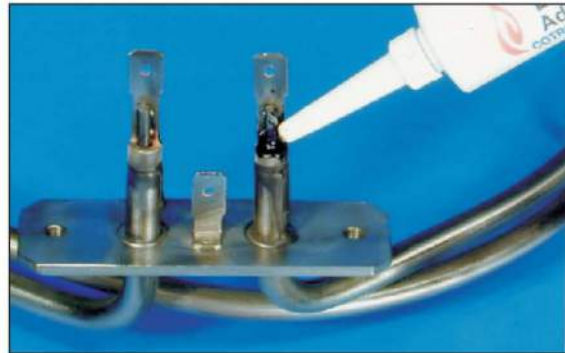


Adhesive & Casting Compound

650°F Duralco™ 4703

Offers Exceptional Heat Stability

- **High Bond Strength and High Temperature Stability**
- **Excellent Electrical, Chemical and Radiation Resistance**
- **Low Moisture Absorption**



**Seals & Protects Electrical Feed Thrus
Against Moisture and High Heat**

Duralco 4703 Adhesive and Casting Compound Provides 650°F Service and the Ultimate Stability and Strength in High Temperature Environments.

User Friendly. No Volatiles. No Solvents. No out gassing. Simply mix the resin and hardener and cure for 2 hours at 250°F followed by 4 hours at 350°F.

Duralco 4703 has excellent adhesion to metals, glass, ceramics and most plastics. In addition, 4703 will retain over 85% of its tensile bond strength after 1,000 hours of service at 500°F.

This epoxy offers high electrical resistance, low moisture absorption, high temperature stability, high bond strength, low shrinkage and excellent chemical, solvent and radiation resistance.

Users Report 4703 seals and protects electrical feed thru against high heat and moisture. 4703 successfully repaired cracks in pipes carrying hot oil at 250°C and 1,000 psi pressure.

Applications Include: sealing thermocouples, electrical heaters, installation of thermocouples, strain gauges and flow measuring instruments, etc.

Ideal for use as a high temperature adhesive for potting, injection molding, matched dies, vacuum forming dies extrusion dies and tooling.

Physical Properties

Max. Use Temp.	650°F
Components	2
Mix Ratio (by wt.)	100 : 22
Viscosity	50,000 cps
Density	1.8 gms/cc
Hardness	95 Shore D
Tensile Strength	11,800 psi
Elongation	2.0 %
Shrinkage	0.1 % max
Moisture Absorption	0.15 % (30 days @ 50°C)
Thermal Expansion	3.9 x 10 ⁻⁵ /°C
Thermal Conductivity	18 BTU in/hr. °F Ft. ²
Volume Resistivity	10 ¹⁰ ohm-cm

Availability:

Cat #	Description
Duralco 4703-1	Pint Kit
Duralco 4703-2	Gallon Kit

Available in Epox-Eez 10 gm. or 25 gm.
Pre-Measured Kits

Quantity Prices on Request

Distributed By:



COTRONICS CORPORATION