

3000°F Resbond™ 920

Electrically Resistant and Thermally Conductive Adhesive and Potting Compound

- Just Mix and Apply
- Cures at Room Temp.
- Insulates and Protects
Delicate Electronic Components



920 Provides a Thermally Conductive and Electrically Insulating Bond

Resbond™ 920 Electrically Resistant and Thermally Conductive Adhesive is formulated with Cotronics' Unique Proprietary Binders to form an adhesive that maintains its Exceptionally High Electrical Resistance up to 3000°F.

It's easy to use.

Just mix, apply and cure at room temperature to provide a ceramic adhesive bond or encapsulation material with high bond strength and excellent electrical, moisture, chemical and solvent resistance.

Users Report:

- Seals light bulb fixtures, insulating them without cracking when exposed to heat and thermal cycling.
- Resbond 920 replaced seven (7) different adhesives and potting compounds, at a heating element manufacturers plant, for use in various applications from - 60°C to 1500°C.

Applications Include: Bonding high temp resistors, pyrometers, heating elements, furnace elements, thermocouples, heat sensors, heating coils, instrumentation, etc.

Resbond™ 920 is the Ideal Choice for applications where a combination of high electrical resistance and good thermal conductivity is required.

Physical Properties

Max. Use Temp.	3000°F
Base	Al ₂ O ₃
Compressive Strength	4,500 psi
Flexural Strength	450 psi
Dielectric Strength	270 volts/mil
Volume Resistance	10 ¹¹ ohm-cm
Thermal	
Conductivity	15 BTU in/hr. °F ft. ²
Expansion	4.5 x 10 ⁻⁶ /°F
Components	2
Mix Ratio	100 / 14 (by weight)
Color	White
Consistency	Paste

Availability:

Cat #	Description
920 - 1	Electrically Resistant Adhesive Quart
920 - 2	Electrically Resistant Adhesive Gallon

Distributed By:



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