

## 20-3003 EPOXY POTTING AND ADHESIVE SYSTEM

### DESCRIPTION:

20-3003 is a low viscosity, potting, encapsulating, and adhesive system. Its low viscosity allows for good flow and wetting of substrates.

20-3003 has a convenient 2:1 (Resin:Catalyst) mix ratio by weight or volume. It will cure at room temperature or with mild heat. Ideal for meter mix and dispense equipment.

### FEATURES:

- Excellent chemical & corrosion resistance
- Excellent water resistance
- Excellent adhesion to metals & plastics

### TYPICAL SPECIFICATIONS:

Color	
Resin	Black
Curing Agent	White
Mixed	Grey
Viscosity, 25°C, cps	
Resin	12,500
Curing Agent	30,000
Mixed	24,500
Specific Gravity, 25°C	1.02
Mix ratio by weight or volume (Resin:Catalyst)	100:50
Gel time, 100 gram mass, 25°C, hrs.	2.5
Heat deflection temperature, °C	96
Tensile strength, psi	8,500
Tensile elongation, %	4.5
Tensile flexural strength, psi	14,000
Tensile compression strength, psi	12,000
Izod impact, ft-lb/inch notch	0.51
Hardness, shore D	84
Water absorption, % 24 hrs	0.18
Dielectric constant	3.61
Dissipation factor	0.021
Volume Resistivity, ohm-cm	1.1 x 10 <sup>15</sup>



**AVAILABILITY & STORAGE:**

Store in a dry, cool area in original unopened containers. Product will absorb moisture and carbon dioxide which may affect viscosity or create foaming.

Available in quarts, gallons, 5 gallon pails and 55 gallon drums. It also is available in 50ml, 200ml, & 400ml dual barrel cartridges.

**IMPORTANT:**

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