



Epoxy, Urethane & Silicone Formulations

10-3026 FAST SETTING EPOXY ADHESIVE & ENCAPSULANT

DESCRIPTION:

10-3026 is a clear, fast setting epoxy resin system. This product forms a semi-flexible and strong bond to metals, pewter, glass, ceramic, felt, concrete, etc. 10-3026 does not contain any solvents and is considered D.O.T. Non Hazardous.

10-3026 provides good dielectric strength, and is therefore a good choice for small electronic potting and encapsulating applications. Typical set time is within ten minutes.

FEATURES:

- Quick fixture time
- Water and chemical resistant
- Outstanding thermal shock resistance
- Outstanding impact resistance

TYPICAL SPECIFICATIONS:

Color	Clear
Viscosity, 25°C	
Resin	13,000
Hardener	10,000
Specific Gravity, 25°C	
Resin	1.17
Catalyst	1.13
Mix Ratio	
by volume	1:1
Gel time, 10 gram mass, 25°C	5-7 minutes
Hardness, Shore A	85
Solids content	100%
Tensile strength, psi	1,400
Operating temperature, °C	-40 to +120
Dielectric constant, 1 KHz @ 25°C	4.0
Dissipation factor, 1 KHz @ 25°C	.017

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Volume resistivity, ohm-cm @ 25°C 2.0 x 10¹⁴

INSTRUCTIONS FOR USE:

1. Thoroughly mix equal parts of resin to catalyst by weight or volume.
2. Apply to surface(s) to be bonded and allow to cure at room temperature or accelerate with mild heat.

PREPARATION OF SURFACES:

Surfaces to be bonded must be clean and grease free. Adhesion can be substantially increased by abrading the surface with emery cloth, sand paper, etc... A roughened porous surface will produce the best results. Any oxidized metal films should be removed just prior to application of the adhesives.

AVAILABILITY:

Available in quarts, gallons, and 5 gallon pails. It is also available in the convenient TriggerBond dual barrel cartridges.

IMPORTANT:

The information in this brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

06/03

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