



# 10-3788

## ONE COMPONENT ELECTRICALLY INSULATING EPOXY ADHESIVE

### DESCRIPTION:

10-3788 is a one component (no mixing is necessary) epoxy adhesive with a unique combination of physical properties. This adhesive provides both high shear and high peel strengths. It is also able to maintain exceptionally strong bonds over a wide temperature range of -60 to +205°C. 10-3788 is formulated to offer superior resistance to impact, thermal shock, vibration and stress fatigue cracking. This product does not contain solvents and is therefore a 100% solids system.

10-3788 is an electrically insulating epoxy adhesive. It is suitable for electronic, electrical, aerospace, appliance, automotive and industrial applications.

### FEATURES:

- Electrically Insulating
- Good Chemical Resistance
- Superior Impact & Thermal Shock Resistance
- One Component; No Mixing Required

### TYPICAL SPECIFICATIONS:

Viscosity, @25°C	23,000
Color	Black
Solids Content, %	100
Specific Gravity, @25°C	1.2
Hardness, Shore D	85
Operating Temperature, °C	-60 to +205
Tensile Strength, psi	9,500
Tensile Modulus, psi	675,000
Tensile Lap Shear, psi	2,100
T-Peel, Al to Al, pli	30
Compressive Strength, psi	16,000
Volume Resistivity, ohm-cm, 25°C	10 <sup>13</sup>
Dielectric Strength, V/mil	370



**CURE SCHEDULE:**

100°C	(212°F)	2 Hours
125°C	(257°F)	1 Hours
160°C	(320°F)	10 Minutes
175°C	(347°F)	5 Minutes

**SHELF LIFE:**

The shelf life at 25°C is 6 months in original unopened containers. The expected shelf life at 0°C is 1 year. We recommend refrigerating these adhesives during storage.

**AVAILABILITY:**

10-3788 is available in syringes, quarts, gallons and five-gallon pails.

**IMPORTANT:**

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