



## Epoxy, Urethane & Silicone Formulations

**10-3782**

**10-3783**

**10-3784**

### **ONE COMPONENT EPOXY ADHESIVE SERIES**

#### **DESCRIPTION:**

These one component heat cure epoxy adhesives are fast setting materials formulated in three different viscosities. They are known for their low temperature cure, heat and excellent chemical resistance.

10-3782	Very low viscosity
10-3783	Medium viscosity
10-3784	Paste non-sag

These unique adhesives exhibit outstanding bond strengths to a variety of substrates including metals, ceramics, wood, magnets, plastics, glass, etc... They are currently used in a variety of electronic bonding and potting applications, filter end cap assemblies, magnetic bonding applications and anywhere a tough indestructible bond is required.

#### **SPECIFICATIONS:**

Viscosity, @ 25°C, cps	
10-3782	25,000
10-3783	60,000
10-3784	Paste
Color	Gray
Solids Content	100%
Specific Gravity, @ 25°C	1.49
Hardness, Shore D	
@ 25°C	80
@ 121°C	70
Operating Temperature, °C	-50 to 180
Tensile Strength, psi	4,000

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**CURE SCHEDULE:**

100°C	2 Hours
121°C	15 Minutes
160°C	5 Minutes
175°C	2 Minutes

**STORAGE:**

The shelf life at 25°C is 3 months in original unopened containers. The expected shelf life at 0°C is 1 year. We recommend refrigerating these adhesives during storage.

**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.

12/07

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