

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, filer end cap assemblies, magnetic bonding applications and anywhere a tough indestructible bond is required.

TYPICAL PROPERTIES:

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

INSTRUCTIONS FOR USE:

Cure according to one of the following recommended cure schedules:

a) 100 °C	2 Hours
b) 121 °C	15 Minutes
c) 160 °C	5 Minutes
d) 175 °C	2 Minutes

**PREPARATION OF SURFACES:**

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

STORAGE & HANDLING:

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. Extreme warm temperatures during shipping may reduce shelf life. Dry ice or refrigerated shipping is optional and may be requested at the time of order.

Please read the Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

This product is available in quarts, gallons and five-gallon pails.

IMPORTANT:

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