



FAST CURE THIXOTROPIC EPOXY ADHESIVES

- 10-3005 NS – 5 MINUTE SET NON-SAG EPOXY**
- 10-3020 NS – 20 MINUTE SET NON-SAG EPOXY**
- 10-3046 NS – 46 MINUTE SET NON-SAG EPOXY**

DESCRIPTION:

10-3005 NS and 10-3046 NS are two component fast curing epoxy adhesives. These high bond strength adhesives are 100% solids and therefore contain no solvents. 10-3005 NS and 10-3046 NS epoxy systems form tough bonds to metals, polyesters, glass, wood, ceramics, and other difficult to bond materials.

APPLICATIONS:

These unique adhesives are ideally suited for a wide range of electronic, electrical, industrial, structural, and jewelry applications. These adhesives are an excellent choice for field repairs. They are offered in the convenient TriggerBond® dual barrel cartridge dispensing system.

FEATURES:

High bond strength

One to one ratio

Fast room temperature cure

Water & chemical resistant

TYPICAL SPECIFICATIONS:

Color	Clear
Mix ratio by weight	1:1
Mixed viscosity, 25°C cps*	Non-Sag
Solids content, %	100
Specific gravity, 25°C/25°C	1.15



Shore D hardness	74
Operating temperature range, °C	-50 to +130
Dielectric strength, volt/mil	420
Impact Izod	2.7
Dielectric constant, 1KHZ at 25°C	4.00
Dissipation factor, 1KHZ at 25°C	.017
Volume resistivity, OHM-CM at 25°C	2.0 x 10 ¹⁴

* Also available in a lower viscosity version (10-3005, 10-3020, 10-3046).

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 the TriggerBond® 50ml, 75ml, 200ml and 400ml dual barrel cartridges. Also packaged in quarts, gallons, and 5 gallon pails.

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.

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