

10-3063

FDA Compliant Epoxy Adhesive

DESCRIPTION:

10-3063 is a room temperature curing, two component, epoxy potting compound and adhesive. The 10-3063 provides good water resistance, adhesion, and toughness. It is packaged in the convenient TriggerBond® dual barrel cartridge system.

The 10-3063 Epoxy System meets the Food and Drug Administration (FDA) regulations permitting use in “indirect” food contact applications. The raw materials used in the products comply with the FDA regulations of Title 21 Code of Federal Regulations under Sections 175.105 and 175.300.

BENEFITS:

- Excellent adhesion
- Excellent chemical and corrosion resistance
- Excellent electrical insulation

TYPICAL PROPERTIES:

Viscosity, cps, 25°C	
10-3063RWH Resin	100,000
10-3063CTR Catalyst	10,000
Mixed	36,000
Color	
10-3063RWH Resin	White
10-3063CTR Catalyst	Amber
Hardness, Shore D	83
Mix Ratio, Resin:Catalyst	
By Volume	100:50
Operating Temperature Range, °C	-40 to +130
Pot Life, 100 grams, 25 °C, minutes	90
Specific Gravity, 25 °C	
10-3063RWH Resin	1.25
10-3063CTR Catalyst	0.96
Flexural Strength, psi	13,000
Compression Strength, psi	33,000
Tensile Elongation, %	3.7
Tensile Strength, psi	8,600

INSTRUCTIONS FOR USE:

1. By volume, thoroughly mix 100 parts 10-3063RWH resin to 50 parts 10-3063CTR catalyst. If using TriggerBond® cartridges follow dispensing guidelines.
2. Apply mixed material and cure according to one of the following schedules:

a) 25 °C	24 Hours
b) 65 °C	1 Hour
c) 105 °C	15 Minutes

PREPARATION OF SURFACES:

Surfaces must be clean and grease free. Adhesion can be substantially increased by abrading the surfaces to be bonded with emery cloth, sandpaper, carbide grinding tools, and sand blasting. A roughened, porous surface will produce the best results. Any oxidized metal films should be removed just prior to application of the epoxy adhesive mixture.

FDA COMPLIANCE:

Epoxies, Etc. does not warranty that these products would be suitable under applicable FDA regulations for any use.

The responsibility for determining the overall compliance with applicable FDA food additive/contact regulations is with the company manufacturing the final finished product and/or the person placing that product in food contact.

STORAGE, HANDLING, & SAFETY:

Store both components at 25 °C in original containers. The expected shelf life is 12 months in original containers. Store away from excessive heat and humidity.

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

AVAILABILITY:

This product is available in 50 mL, 200 mL, and 400 mL TriggerBond® cartridges and in 5-gallon pails.

IMPORTANT:

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