

# 10-3062

## Epoxy Adhesive

### DESCRIPTION:

10-3062 is a room temperature curing, two component, epoxy potting compound and adhesive. The 10-3062 provides good water resistance, adhesion, and toughness and is available in the convenient TriggerBond® dual barrel cartridge system.

The 10-3062 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	
10-3062RCL Resin	150
10-3062CTR Catalyst	30,000
Mixed	24,000
Mix Ratio (Resin:Catalyst)	
By Volume	2:1
Color	Clear to Light Amber
Hardness, Shore D	82
Operating Temperature Range, °C	-40 to 130
Pot Life, 100 grams, 25 °C, minutes	120
Specific Gravity, 25 °C	
10-3062RCL Resin	1.16
10-3062CTR Catalyst	0.97
Mixed	1.09
Flexural Strength, psi	13,800
Tensile Elongation, %	4.9
Tensile Strength, psi	8,300
Dielectric Constant, 120 Hz	2.7
Dissipation Factor, 120 Hz	0.003
Volume Resistivity, ohm-cm	$1.7 \times 10^{15}$
Compression Strength, psi	33,000

Flexural Modulus, ksi	310
Peel Strength, Steel, psi	1,045

### 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.

### INSTRUCTIONS FOR USE:

1. This product is packaged in the convenient TriggerBond® system. Please follow the [dispensing guidelines](#).
2. Apply mixed material and follow one of the cure schedules:
  - a) 25 °C 24 Hours
  - b) 65 °C 1 Hour
  - c) 105 °C 15 Minutes

### 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. Store away from excessive heat and humidity. The expected shelf life is 12 months in original containers.

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

### AVAILABILITY:

This product is available in the convenient TriggerBond® dual barrel cartridges in 50 mL and 400 mL.

### IMPORTANT:

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