

20-3062

20-3062 LV

FDA Approved Epoxy System

DESCRIPTION:

20-3062 is a room temperature curing, two component, epoxy potting compound, adhesive, and coating system. Both the 20-3062 and 20-3062 LV, (Low Viscosity version of 20-3062), meet the Food and Drug Administration (FDA) regulations permitting use in food contact applications. When properly cured, these products comply with the FDA regulations of Title 21 Code of Federal Regulations under Sections 175.105 and 175.300.

FEATURES:

- *Excellent adhesion
- *Excellent chemical and corrosion resistance
- *Meets FDA requirements
- *Excellent electrical insulation

TYPICAL SPECIFICATIONS:

	<u>20-3062</u>	<u>20-3062 LV</u>
Mixed Viscosity @ 25°C, CPS	30,000	15,000
Mix Ratio, By weight, Resin: Catalyst	2:1	2:1
Color	Clear/Amber	Clear/Amber
Specific Gravity, @ 25°C	1.06	1.07
Pot Life, 100 grams, 25°C, Minutes	120	120
Hardness, Shore D	84	82
Tensile Strength, PSI	8,800	8,300
Tensile Elongation, %	4.0	4.9
Flexural Strength, PSI	13,500	13,800
Dielectric Constant, 120 HZ	3.73	2.70
Volume Resistivity, Ohm-cm	1.62x10 ¹⁵	1.70x10 ¹⁵
Peel Strength, Steel, PSI	1,015	1,045
Dissipation Factor, 120 HZ	0.003	0.003



INSTRUCTIONS FOR USE:

1. By weight or volume, thoroughly mix two parts resin to one part catalyst.
2. Apply mixed material and follow one of the cure schedules:
 - a. 77°F 24 Hours
 - b. 150°F 1 Hour
 - c. 220°F 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, sand paper, carbide grinding tools, sand blasting, etc...

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.

For clean up and messy spills, use one of our safety solvents, such as #5450.

FDA COMPLIANCE:

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

IMPORTANT:

The information in this brochure is based upon 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 person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

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