



Epoxy, Urethane & Silicone Formulations

10-3022 EPOXY SMT STENCIL ASSEMBLY ADHESIVE

DESCRIPTION:

10-3022 is a two component epoxy adhesive and sealant. This structural adhesive has excellent chemical and heat resistance. 10-3022 is widely used as a stencil and screen adhesive due to its bonding strength and toughness. It has been used extensively to bond polyester mesh to aluminum frames and for the bonding of stainless steel foil to polyester mesh.

BENEFITS:

- Bonds to a variety of substrates
- Resistant to severe chemical environments
- High operating temperature
- Fast Curing
- Resistant to shock, vibration and flexing

TYPICAL SPECIFICATIONS:

Color	White, Gray or Green
Viscosity, 25°C	
Resin	210,000 cps
Hardener	65,000 cps
Mix Ratio	
By weight	100:40
By volume	100:50
Specific Gravity, 25°C	
Resin	1.73
Catalyst	1.33
Hardness, Shore D	88
Operating temperature range, °C	-60° to +140°
Dielectric Strength, volts/mil	450
Dielectric Constant, 1 MHz	3.8
Dissipation Factor, 1 MHz	.06
Tensile Strength, psi	2,000

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INSTRUCTIONS FOR USE:

1. By volume, mix two parts epoxy resin to one part hardener. By weight, mix 100 parts epoxy resin to 40 parts hardener. Mix thoroughly being careful not to introduce excessive air into the mixture.
2. Apply adhesive/sealant and cure according to one of the following schedules:
 - a) 25°C/77°F 24 hours
 - b) 65°C/150°F 1 hour
 - c) Hot Plate @ 140°-150°F 30 minutes

AVAILABILITY:

10-3022 is available in white, gray and green. It is available in TriggerBond® 50ml, 200ml or 400ml 2:1 cartridges. Gallon and 5 Gallon packaging is also available.

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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