

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, V/mil	450
Dielectric Constant, 1 MHz	3.8
Dissipation Factor, 1 MHz	.06
Tensile Strength, psi	2,000



INSTRUCTIONS FOR USE:

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.

Apply adhesive/sealant and cure according to one of the following schedules:

25°C/77°F	24 hours
65°C/150°F	1 hour
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.

IMPORTANT:

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