

# 10-3044

## EPOXY SMT STENCIL ASSEMBLY ADHESIVE

### DESCRIPTION:

10-3044 is a two component epoxy adhesive and sealant. This structural adhesive has excellent chemical and heat resistance. 10-3044 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	175,000 cps
Hardener	110,000 cps
Mix Ratio	
By weight	100:55
By volume	100:50
Specific Gravity, 25°C	
Resin	1.49
Catalyst	1.65
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 lap shear, psi	3,000

