

SMT Stencil Bonding Adhesives



- **Resists Stencil Cleaning Solutions**
- **Available in a Variety of Colors**
- **Superior Adhesion to Stainless Steel, Aluminum and Polyester Mesh**
- **Short Cure Cycles**



FAST, Strong & Chemical Resistant

Epoxies Etc. has developed several structural epoxy adhesives that meet the stringent assembly needs of the SMT Stencil Manufacturing industry. These epoxy adhesives produce tough and long-lasting bonds. They are low shrinkage, provide excellent impact and vibration resistance, and withstand cleaning cycles.

Epoxies Etc. SMT Bonding Adhesives are the only structural epoxy adhesives that use the trademarked TriggerBond® dispensing system. With TriggerBond® dual barrel cartridge dispensing system there is no handmixing, weighing or mess; allowing for cleaner and more efficient applications.





Epoxies, Etc. is a leading resin formulator of epoxies, urethanes, and silicones. We take great pride in our commitment to the research, innovative development, and consistent manufacturing of materials for today's demanding applications. Our adhesives, potting compounds, and coatings are widely used in the electronic, aerospace, electrical, construction and decorative industries.

PRODUCT	COLOR ● ● ●	MIXED VISCOSITY	WORKING TIME Minutes			TACK FREE Minutes			FULL CURE Hours			FEATURES	Bonding MESH to FRAMES	Bonding FOIL to MESH	Filling FIDUCIALS
			Room Temp	180° F	Room Temp	150° F	180° F	Room Temp	150° F	180° F					
10-3022	White Grey Green	Paste	10	5	105	20	5	24	2	1	Bonds to a variety of substrates Resistant to severe chemical environments Fast curing Resistant to shock, vibration, and flexing 2:1 Ratio by Volume	Excellent	Good	Not Recommended	
10-3028	Grey	Paste	10	5	105	20	5	24	2	1	Bonds to a variety of substrates Resistant to severe chemical environments High operating temperature Quick cure with heat 2:1 Ratio by Volume	Excellent	Good	Not Recommended	
10-3029	White Grey	Paste	20	10	110	10	3	24	2	1/2	Resistant to severe chemical environments Best combination of cure speed and performance Rapid cure with heat 2:1 Ratio by Volume	Very Good	Good	Not Recommended	
10-3217	White Grey	Paste	> 1 hour	> 1 hour	24 hrs	75	15	48	6	2	Impact resistant High peel and shear strength Outstanding structural bond strength Retains strength after environmental aging 1:1 Ratio by Volume	Very Good	Excellent	Not Recommended	
10-3005	Black	Flows	1	<1	5	1	NR	1	10 min	NR	Fast cure for fiducials Packaged in TriggerBond® cartridges 1:1 Mix Ratio by Volume	Not Recommended	Not Recommended	Excellent	

INSTRUCTIONS:

- Surfaces must be clean, dry, and grease free. Use an oil free solvent such as acetone to wipe surfaces.
- 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.
- Mix resin and hardener together thoroughly and then apply.
- Refer to the product Technical Bulletin for specific instructions.

AVAILABILITY:

- All products are shipped from our manufacturing facility in Cranston, RI within 5 days after receipt of order.
- All of these products were designed to be used in the convenient TriggerBond® dual barrel cartridge system (50ml, 200ml, and 400ml). For best results we recommend this packaging. The products are also available in one gallon kits.

IMPORTANT:

The information in this data sheet 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.

Contact an Epoxies, Etc... Technical Sales Representative by calling toll free at **1-800-EPOXIES (376-9437)** or use our online Product Selection Form on the web at <http://epoxies.com/prodsel.htm>

www.EPOXIES.com

We will be happy to assist you in selecting the proper material from one of our hundreds of products, or develop a custom formulation to satisfy your critical requirements.