

Staking and **anti-vibration adhesives** are used to secure components on PCB assemblies, preventing movement caused by shock, vibration, and thermal cycling. By reinforcing components such as capacitors, coils, and connectors, these materials help reduce mechanical stress on solder joints and improve long-term reliability in demanding operating environments. Their fast cure profiles and compatibility with automated dispensing also enable efficient, repeatable processing in high-volume manufacturing.

	PRODUCT	DESCRIPTION	CHEMISTRY	COLOR	MIX RATIO BY VOLUME	VISCOSITY (cPs)	POT LIFE @ 22°C (100g)	DUROMETER	CURE SCHEDULE	CURE SCHEDULE, HEATED
EPOXY	E43CLR-H10	Toughened epoxy with impact resistance and good thermal shock	Epoxy	Clear	1:1	34,000	18 min	D65	12-24 hr @ 22°C	-
	E43CLR-H51	Pliable, high vibration stress relief capability	Epoxy	Clear	1:1	20,000	90 min	D20	12-24 hr @ 22°C	-
	E43CLR-H21	General-purpose adhesive, thick bondline	Epoxy	Clear	2:1	28,000	23 min	D78	12-24 hr @ 22°C	-
	E11AMB	Flexible, thin bondline with high adhesion	Epoxy	Amber	1:2	10,000	60 min	D40	24-48 hr @ 22°C	1 hr @ 65°C
UV-CURE	UV80K	High viscosity, flexible adhesive/ encapsulant	UV	Clear	One Component	80,000	N/A	A94	UV or LED	-
	UV20GEL	Gap bridging, highly thixotropic	UV	White	One Component	Thixotropic	N/A	A60	UV	-
	UV40GEL	Boundary damming and connector sealant	UV	Clear	One Component	300,000	N/A	D70	UV	-

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