



ISO-9001-2008 Certified

Selector Guide

HIGH TEMPERATURE ADHESIVES

Epoxyset - High Temperature Adhesives are designed for high performance applications in electronics/microelectronics and other industries. They cure fast at moderately elevated temperatures. The cured systems provide excellent bond to metals such as ferrite and beryllium and retain the bond strength even at higher temperatures.

The fully cured products have excellent dielectric properties, and very good thermal shock & impact resistance. They also have good resistance to weather, water, most petroleum products, mild acids & alkalis, and many other chemicals.

Product	Color	Mix Ratio by weight (R/H)	Pot life @ 25°C	Mix Viscosity @ 25°C (cPs)	Cure Schedule	Hardness (Shore)	Tg	CTE Below Tg (in/in/°C)	Lap Shear Strength @ 25°C	Thermal Conductivity (W/m²K)	Service Temp. Range	Volume Resistivity @ 25°C (Ohm-cm)	Shelf Life @ 25°C
EB-112	Clear	100/30	>6 hrs	500-1000	2 hrs @ 100°C Or 1 hr @ 150°C	D-87	130°C	52	2100	0.2	-65°C to 150°C	>10 ¹⁵	1 Year
EB-115	Clear Amber	100/15	1 hr	6000-7000	2 hrs @ 165°C Or 4 hrs @ 150°C	D-89	175°C	56	1900	0.2	-65°C to 230°C	>10 ¹⁵	1 Year
EB-119M	Dark Amber	100/5	>8 hrs	800-1200	5-10 min @ 150°C Or 15-30 min @ 125°C	D-91	158°C	54	2000	0.2	-65°C to 230°C	>10 ¹⁵	1 Year
EB-119HT	Dark Amber	100/10	>8 hrs	3000-5000	5-10 min @ 150°C Or 15-30 min @ 125°C	D-88	138°C	54	1700	0.2	-65°C to 210°C	>10 ¹⁵	1 Year
EB-119SP	Dark Amber	100/10	>4 hrs	3000-5000	5-10 min @ 150°C Or 15-30 min @ 125°C	D-88	138°C	54	1700	0.2	-65°C to 210°C	>10 ¹⁵	1 Year
EB-315	Beige	100/5.5	2 hrs	Paste	2 hrs @ 100°C Or 1 hr @ 150°C	D-92	175°C	25	2100	0.5	-65°C to 200°C	>10 ¹⁵	1 Year
EB-348	Black	100/5	2 hrs	Paste	2 hrs @ 100°C Or 1 hr @ 150°C	D-93	194°C	23	2000	0.5	-65°C to 230°C	>10 ¹⁵	1 Year
EB-350-4T	Black	ONE PART	NA	Non-Sag Paste	15-30 min @ 150°C Or 2 hrs @ 125°C	D-91	120°C	32	2900	0.8	-65°C to 230°C	>10 ¹⁵	3 Months
EB-350-4T-FL	Black	ONE PART	NA	Non-Sag Paste	15-30 min @ 150°C Or 2 hrs @ 125°C	D-62	110°C	58	2300	0.8	-65°C to 230°C	>10 ¹⁵	3 Months
EB-403-1	Black	ONE PART	NA	Non-Sag Paste	2 hrs @ 125°C Or 30 min @ 150°C	D-93	132°C	28	2700	1.8	-65°C to 260°C	>10 ¹⁵	3 Months

DISCLAIMER: All data given here is offered as a guide to the use of these materials and not as a guarantee of their performance. The user should evaluate their suitability for own purposes. Properties are typical and should not be used in preparing specifications. Statements are not to be construed as recommendations to infringe any patent.