

Silver Conductive Epoxy

8331



▶ BUY NOW

Forms high strength conductive bonds

This two part silver epoxy offers high electrical conductivity and strong conductive bonding. Use in place of traditional soldering on heat sensitive components. Good for repairing defective traces and creating jumpers on boards. Can be used as an effective heat sink adhesive. This Conductive Silver Epoxy comes in two 7g syringes.

▶ [Frequently Asked Questions on this product](#)

Specifications

Specification	Test Method	Result
Minimum operating temp.		-30°C (-22 °F)
Maximum operating temp.		99°C (214°F)
Cure time @ 24°C (75°F)		5 hours
Cure time @ 65°C (150°F)		15 minutes
Working time @ 22°C		10 minutes
Mixing Ratio		1:1
Volume resistivity @ 25°C	MIL-STD-883E Notice 3, method 5011.4, paragraphs 3.5.8, 3.8.11.1 (Covered Under A2LA Accreditation)	0.38 ohm - cm
Tensile strength	ASTM-D-638-D2A	911 psi
Elongation	ASTM-D-638-D2A	0.3 %
Compressive Strength	ASTM-D-695-D2A	1100 psi
Flexural Strength	ASTM-D-790-D3	2,500 psi
Shear Strength	ASTM-D-732-D2	234 psi
Cantilever Beam (IZOD) Impact	ASTM-D-256-D2 E1	0.39 ft lb ft / in
Thermal Expansion	ASTM-E-831-03	78.3 mm/10 ⁶ mm
Density	ASTM-D-256-D2 E1	2.34 g/cm ³
Thermal Conductivity	ASTM-C-518	0.578 W/m - °K

Available Sizes

Catalog Number	Sizes Available	Description
8331-14G	14g (0.35oz)	Two 7g syringes, 3ml each
8331-454G	454g (1lb)	1lb kit