

EL-TECH 257 SI

ELECTRICAL CONDUCTIVE FLEXIBLE SILICONE ADHESIVE AND GASKETING COMPOUND

• PRODUCT DESCRIPTION

ELTECH 257 SI is a pure silver filled two part electrically conductive flexible silicone adhesive and gasketing compound. ELTECH 257 SI very resistant and durable to thermal cycling, heat aging, shocking or vibration due to the reliability from the elasticity of the product. Eltech 257 SI is suitable for bonding, conductive sealing and bonding of low surface energy materials, conductive via filling and electrical attachments for stress sensitive devices.

• CURING PROPERTIES

Pot Life	100°C @	150°C @
2 days	2 hrs.(minumum)	1 hr.

• UNCURED PROPERTIES

Mixing Ratio(by weight)	100(Part A) / 100 (Part B)
Viscosity	Paste like
Color	Silver
Density	3,1

• CURED PROPERTIES

Volume Resistivity(150°C)	0.001 Ω-cm
Lap Shear Strength(Al/Al) (MPa)	2,8
Tensile Strength (MPa)	>5
Hardness Shore A	55
Young's Modulus (MPa)	5000
Temperature Resistance (°C)	-70 - +260
Thermal Conductivity (W/mK)	5,2

• STORAGE AND SHELF LIFE

Mix Parts A and B in original container before combining. Add Part B to Part A and mix until uni-form. Shelf life is 9 months at 25°C, in unopened, unmixed containers.

