

EL-TECH 235 RT CURE ELECTRICALLY CONDUCTIVE EPOXY ADHESIVE

● PRODUCT DESCRIPTION

EL-TECH 235 is a silver filled, two component, room temperature cure, 1 to 1 mix ratio, easy to use electrically conductive %100 solid epoxy adhesive with excellent solvent resistance properties. Product is designed for bonding electrical and mechanical attachments on electronic devices. EL-TECH 235 results as optimum solution for cold curing/heat sensitive applications with excellent conductivity and gap filling properties.

● CURING PROPERTIES

| 25°C | 65°C | 95°C | 120°C |
|-------------------|---------|---------|--------|
| 24 hours | 60 min. | 30 min. | 5 min. |
| Pot Life: 90 min. | | | |

● UNCURED PROPERTIES

| | Part A | Part B |
|----------------------|------------|------------|
| Color | Silver | Silver |
| Viscosity | Paste like | Paste Like |
| Mix Ratio(by weight) | 1 | 1 |

● CURED PROPERTIES

| | |
|--|--------------------------------|
| Volume Resistivity (Ω -cm) | 0.005(@25°C) to 0.0002(@120°C) |
| Thermal Conductivity (W/mK) | 7,8 |
| Tensile Shear Strength (N/mm ²) | 8,5 |
| Specific Gravity | 3,2 |
| Temperature Resistance (°C) | -50 - +175 |

● INSTRUCTIONS FOR USE

Mix Parts A and B in original container before combining. Add Part B to Part A and mix until uni-form. Shelf life is 12 months at 25°C, in unopened, unmixed containers.

