

## EL-TECH 142 ELECTRICALLY CONDUCTIVE COATING

### ● PRODUCT DESCRIPTION

EL-TECH 142 is a silver filled one component, standard electrically conductive flexible coating which is applicable by screen-printing, dipping or syringe dispensing. Product has an excellent adhesion to flexible plastics like Kapton, Mylar, Polyamide and hard substrates like glass. Product forms flexible, chemical resistant, expandable, non-deformable and friction resistant coating.

### ● CURING PROPERTIES

50°C	80°C	100°C	125°C	150°C
30 min.	10 min.	5 min.	3 min.	1 min.

### ● UNCURED PROPERTIES

Color	Silver
Viscosity	Paste like
Silver Content	>88%

### ● CURED PROPERTIES

Volume Resistivity ( $\Omega$ -cm)	0,00004
Sheet Resistivity ( $\Omega$ /square/25 $\mu$ m)	0.015
Temperature Resistance (°C)	-55 - +200

### INSTRUCTIONS FOR USE

Shelf life: 6 months at 25°C; or 9 months at 5°C; or 12 months at -10°C into closed cap containers.

