



SOLE DISTRIBUTORS OF
REINHARDT-TECHNIK
Machines for the application of adhesives & sealants
PANACOL ELOSOL
Adhesive systems

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ELECOLIT 3653

Elecolit 3653 is a silver filled, highly flexible solvent free conductive adhesive. The flexibility of the cured adhesive makes it ideally suited for applications which involve vibration or thermal shock. The product can be dispensed or processed with stamp, print or silk -screen print. **Elecolit 3653** is a one component product, thermally curable in short time frames. Stored under cool conditions of about 5°C the product has a stability of ca. 6 months.

TECHNICAL DATA

Colour:	Silver
Resin:	epoxy
Filler:	approx 80% Silver Aluminium oxide

UNCURED PROPERTIES

Viscosity (Brookfield LVT):	8000 to 10000 mPa*s
Flash Point:	> 100°C
Density:	approx 4.1 g/cm ³

CURING

5 minutes at +150°C	0.002 Ohm x cm
10 minutes at +120°C	0.005 Ohm x cm
20 minutes at +110°C	0.01 Ohm x cm

Full Strength:	24 hours
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CURED PROPERTIES

Temperature resistance:	-40 to 180°C
Hardness Shore D:	30 to 35
Volume resistivity:	0.005 Ohm x cm
Water absorption	0.3%
TG DSC	50 to 60 °C
Thermal expansion	77 ppm/K
Thermal conductivity:	2 W/Mk

7.11.07

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our publications, which is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.

