



Sole UK Distributors Of
REINHARDT-TECHNIK
Metering, Mixing &
Dispensing Systems



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Technical Data Sheet

ELECOLIT 3024

DESCRIPTION

ELECOLIT 3024 is an electrically conductive 2-part epoxy resin adhesive with a long processing time. The mixing ratio is 1:1 weight components. The adhesive may be used with a dispenser, screen-printing or stamp printing. Elecolit 3024 was specifically developed for bonding heat sensitive components. Curing is possible at just 80°C. At higher temperatures, the product cures in the shortest possible time ie 'snap cures'. Elecolit 3024 has a shelf life of 6 months when stored at 5°C or 12 months at -40°C.

TYPICAL PROPERTIES

Viscosity (Brookfield LVT)	2,800 mPas
Flash Point	207°C
Filler	Silver
Pot Life	8 Hours

CURING

120 minutes	90°C
180 minutes	80°C
Full cure in	12 Hours
Hardness Shore D	82
Temp resistance	-40°C to +150°C
Coefficient of thermal expansion	62 ppm/K
Spec. Volume Resistivity	0.0005 Ohm x cm

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