

LTC3610

Polymer Thick Film

Description

LTC3610 is a general-purpose silver conductive ink designed for screen printing. The unique formulation of LTC3610 allows for an extremely smooth print with excellent adhesion to a variety of substrates.

Key Features

- High conductivity
- Low temperature curing
- Compatible with Heraeus UV dielectrics
- Compatible with Heraeus low temperature resistors (LTR4600)
- Compatible with treated and untreated polyester films



This picture does not show the packaging of LTC3610 and is solely intended for illustration purposes. The products are available in different packaging configurations and may change over time. Please refer to the latest safety data sheets for safety-relevant pictograms

Typical Properties

Conductivity	≤.015 Ω/square/mil
Viscosity	20 – 35 Kcps RVT spindle 14 @ 10 RPM, 25°C
Metal	Ag
Color	Silver
95% Max Particle Size	<5 μm, hegman

Recommended Processing Guide

Printing Parameters	Polyester Mesh / Steel Mesh (150 to 325 TPI)
Drying Temperature	80-120°C
Process Temperature (TDS)	80 °C for 20 minutes 100 °C for 10 minutes 120 °C for 5 minutes
Film Thickness	6-8 μm
Recommended Thinner	LC-3568
Paste Compatibility	Compatible with all PriElex products

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Warranty

3 months

Storage

Ambient storage, mix well prior to use

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