LTC3701

Description

LTC3701 Silver/Silver Chloride Ink is an electrically conductive ink with the AG to AGCL ratio of 63/37 designed to be applied in manufacturing by screen. The ink is suited for biomedical sensors. Other AGCL ink formulations are available with different silver to silver chloride ratios for varying interaction of electronic signals in medical devices.

Key Features

- Dries to a smooth surface finish in order to optimize surface area contact for enhanced electrode interaction
- Designed to dry quickly after printing
- Extremely tough; crease and scuff resistant



This picture does not show the packaging of LTC3701 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	
Viscosity	7.5 – 14.7 kcps, Brookfield, SC4-14 spindle @ SR 20, 25°C
Conductivity	<.075 Ω/sq/mil
Solids	63.50 – 73.50
Color	Light Silver
Particle Size	<50 µm, hegman

Recommended Processing Guide	
Printing Parameters	Polyester Mesh (180 to 260 TPI) Stainless not compatible.
Drying Temperature	100-130°C
Film Thickness	10-20 µm DFT
Recommended Thinner	Glycol Ether/PM Acetate
Paste Compatibility	Compatible with all PriElex dielectrics.

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Warranty

Material guaranteed to meet specifications for 6 months from date of manufacturing with proper storage. Do not allow to come in contact with ANY metal for any period of time. This includes but is not limited to mixing, processing, and storage. This material is also white light reactive.

Storage

Ambient storage, mix well prior to use, Avoid white light exposure. CANNOT CONTACT METAL.

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