Heraeus

Electronics

AGCL-909-1

Polymer Thick Film

Description

AGCL-909-1 Silver/Silver Chloride Ink is an electrically conductive ink with the AG to AGCL ratio of 85/15 designed to be applied in manufacturing by screen printing, dipping and various other print methods. The ink is suited for printed disposable defibrillator pads; EKG and EEG reference electrodes; and other 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

- Compatible with AG-510 and Ag-888 for overprint
- 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
- Ratio silver to silver chloride: 85/15 other ratios area available
- Other ratios are available

Typical Properties	
Viscosity	5.5-14.6 Kcps. Brookfield SC4-14 spindle @ SR 20, 25°C
Solids	66-70%
Metal	AgCl
Color	Silver
	<50 µ

Recommended Processing Guide	
Printing Parameters	Monofilament polyester (157 to 230 mesh) is recommended
Recommended Thinner	Call for recommendation

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Warranty

6 months

Storage

Store at ambient conditions away from direct light. Material should be thoroughly mixed or rolled on a jar roller at a slow speed for 1 hour prior to use

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