

AGCL-808

Polymer Thick Film

Description

AGCL-808 Silver/Silver Chloride Ink is an electrically conductive ink 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

- Screen print, dip, or thin for gravure print
- Compatible with AG-510 and AG-888 for overprint
- Dries to an optimal surface finish for enhancing electrode interaction
- Extremely tough; crease and scuff resistant
- Compatible with out UV curable dielectrics, conductive epoxy adhesives and UV curable component encapsulants
- Ratio silver to silver chloride: 80/20
- Other Blended ratios are available



Typical Properties

Viscosity	5.5-14.6 Kcps. Brookfield SC4-14 spindle @ SR 20, 25°C
Solids	66-70%
Metal	Ag
Color	Light Silver

	<50µm
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Recommended Processing Guide

Printing Parameters	Monofilament polyester (157 to 230 mesh) is recommended
Drying Temperature	130°C
Recommended Thinner	Call for recomendation

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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

Americas

Phone +1 610 825 6050

electronics.americas@heraeus.com

Asia Pacific

Phone +65 6571 7649

electronics.apac@heraeus.com

China

Phone +86 53 5815 9601

electronics.china@heraeus.com

Europe, Middle East and Africa

Phone +49 6181 35 4370

electronics.emea@heraeus.com