

AGCL-675

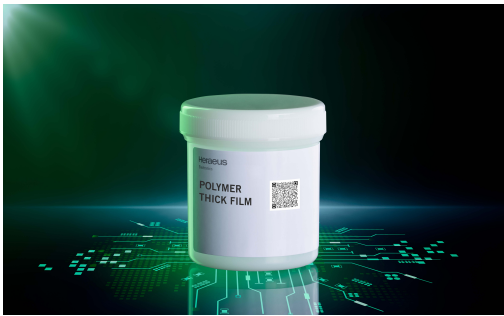
Polymer Thick Film

Description

AGCL-675 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 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: 72.5/27.5
- 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	AGCL
Color	Light Silver

	<50 µm
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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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