Heraeus

Electronics

AG-1074

Polymer Thick Film

Description

AG-1074 Silver Conductive Ink is a silver-filled ink designed for pad printing applications. This material is designed to provide optimal open time in the cliche and fast drying time once transferred to the substrate.

Key Features

- Pad printable
- Excellent adhesion & crease resistance
- Compatible with polyester, polyimide & other plastic substrates, as well as metal surfaces
- Extremely tough & scuff resistant
- Low temperature drying capabilities

This picture does not show the packaging of AG-1074 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	<.035 Ω/sq/mil
Viscosity	.27-.540 kcps. RVT SC4-21 @ SR 20, 25°C
Solids	60% ± 2%
Metal	Ag
Color	Silver
95% Max Particle Size	<50 µm

Recommended Processing Guide	
Printing Parameters	Inquire for recommendations
Drying Temperature	80°C
Film Thickness	8-15 µm DFT
Recommended Thinner	MEK or acetone
Paste Compatibility	Compatible with all PriElex products

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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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All changes are based on information displayed using the template data_sheet/HET/TFM/print_data_sheet.html.twig.
Version (last updated) 24 Apr 2026

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