Heraeus

Electronics

RO-948

Polymer Thick Film

Description

RO-948 Radio Opaque Ink is a solvent-based, heat-dried ink designed for use in applications requiring high contrast visible tags on devices exposed to X-ray and other imaging technologies. The ink image is easily seen on film or using a fluoroscope as a visible reference point. It provides high flexibility for use on printed substrates requiring bending.

Key Features

- Optimized for screen printing but can be applied by high speed roll-printing processes like gravure, coating, or syringe or dipping
- Fine grind provides excellent crease resistance and optimal screen printing results
- Tungsten-filled, solvent-based and thermal dried
- Cured films exhibit excellent adhesion to glass, metal and most plastic substrates

This picture does not show the packaging of RO-948 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	3 - 15 kcps RVT SC4-14 Spindle @ SR 20, 25°C
Solids	86-90%
Metal	Other
Color	Grey
95% Max Particle Size	<10 µm, hegman

Recommended Processing Guide	
Printing Parameters	Monofilament polyester (157 to 230 mesh) or stainless steel (165-325 mesh) is recommended
Drying Temperature	110-130°C
Film Thickness	10-20 µm DFT
Recommended Thinner	Solvent 30

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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.
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