



Metalon® Conductive Inks for Printed Electronics

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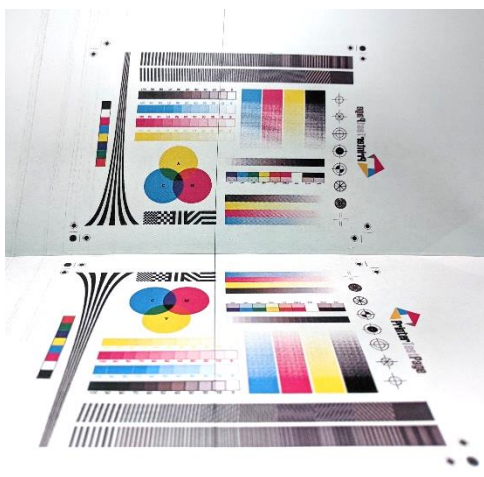
Metalon® JS-A39S-R

Nanosilver Ink – Aqueous dispersion for Inkjet Printing of Optical Effects

JS-A39S-R is a silver nanoparticle ink designed to produce highly reflective features by a number of deposition methods including **digital printing**. The ink can be applied to a variety of substrates but the best optical effects will be observed when printed on non-textured surfaces including plastics and glass. Prints can be cured thermally or by PulseForge processing.



Melinex ST505 (PET)



Polycarbonate



Glass

Physical Properties	General Description Water-based Ag ink		
	Flash PointNon-flammable		
		Value	Units
	Ag content	30	wt%
	Viscosity	6-10	cP
	Surface tension	28-32	dyne/cm
	z-avg particle size ³	30-50	nm
	Specific gravity	1.4	–
³ Malvern dynamic light scattering			
Shipping and Packaging	Standard sample order is 50 mL or multiples of 50 mL. Bulk packaging is also available.		

The JS-A series of inks are specially formulated for compatibility and stability with various printheads including those manufactured by Dimatix, HP, and Xaar. Printing waveforms are available by request.

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Contact us today to learn more.
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