# **Printed Electronic Applications**

ADHESIVES				
Product #	Volume Resistivity (Ω-cm)	Minimum Cure Temp (°C)	Application Technique	Comments
124-08A/B	0.0002	80	Syringe Dispense	Silver filled adhesive with excellent thermal shock resistance.
118-06(SP)	0.0002	150	Screen-print	Epoxy based system.
118-34	0.0002	150	Screen-print	Flexibilized epoxy based system.
110-19	0.0001	120	Screen-print	Polyimide based system.
107-25	0.2	50	Screen-print	Very flexible carbon filled hot melt adhesive.
124-33	0.0005	100	Screen-print	Very flexible silver filled hot melt adhesive.
121-23	0.001*	150	Screen-print	Z-axis conductive adhesive.

### **CONDUCTIVE INKS AND COATINGS**

Product #	<b>Volume</b> <b>Resistivity</b> (Ω-sq/mil)	Minimum Cure Temp (°C)	Application Technique	Comments
118-09A/B	0.019	80	Screen-print	Two component silver ink with excellent adhesion to ITO.
118-09C	0.019	80	Screen-print	Pre-catalyzed version of 118-09A/B.
118-41	0.010	150	Screen-print	Solvent resistant, flexible, silver epoxy ink.
120-24	50	150	Screen-print	Carbon version of 118-41.
120-07	0.010	50	Screen-print	Urethane based, fast curing silver ink with good adhesion to ITO.
124-02	0.05	125	Flexographic	Waterbased, low VOC, silver ink.
124-39	20	100	Flexographic	Waterbased, low VOC, carbon ink.
112-48	20	50	Screen-print	Thermoplastic based carbon ink.
125-28	0.020	50	Flexographic	Fine line printable ink (6 mil line widths).
124-40	0.015	50	Screen-print	Fine line printable ink (6 mil line widths).
125-13	0.015	100	Screen-print	Ultra fine line printable ink (4 mil line widths).
125-26A/B	0.015	100	Screen-print	Ultra fine line printable epoxy ink (4 mil line widths) with excellent adhesion to ITO.
125-10	0.015	100	Screen-print	Lower cost conductive ink.
124-31	5000	100	Screen-print	Translucent conductive ink.
124-43	20	100	Flexographic	Waterbased, low VOC, carbon ink.
DIFLECTRIC IN	NKS AND COATINGS	\$		

#### DIELECTRIC INKS AND COATINGS

Product #	Dielectric Strength (volts/mil)	Curing Method	Application Technique	Comments	
116-20	365	UV	Screen-print	Clear, UV Curable.	
118-12A/B	450	Thermal	Screen-print	Solvent resistant and sticks to ITO.	
125-17M	365	UV	Screen-print	Matte colorless. Other colors available.	
113-48	525	UV/Thermal	Screen-print	Very flexible.	

\* in Z-axis only

### PLEASE CONTACT US FOR OTHER MARKET SPECIFIC PRODUCT SELECTOR GUIDES

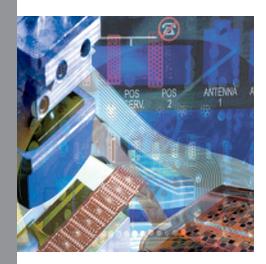


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Our in-depth experience with conductive filler technology, particle size and shape allows us to fine tune the performance, as well as the application process and cure cycle to best meet our customers' production requirements.

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Our core technology base includes: microelectronic grade adhesives; electrically conductive adhesives, coatings and inks; anisotropic conductive adhesives; dielectric adhesives, coatings and inks; thermally conductive adhesives; encapsulating and potting compounds. Application specific products for unique process requirements are the heart of our business.

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