

Printed Electronic Applications

ADHESIVES

Product #	Volume Resistivity ($\Omega\text{-cm}$)	Minimum Cure Temp ($^{\circ}\text{C}$)	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 #	Volume Resistivity ($\Omega\text{-sq}/\text{mil}$)	Minimum Cure Temp ($^{\circ}\text{C}$)	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.

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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For a confidential review of your application,
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