

# Medical Device Specialty Inks and Films

ELECTRODE INKS				
Product #	Sheet Resistivity (ohms/sq/mil)	Curing Technique	Application Technique	Comments
113-09	0.050	Thermal	Screen print	General purpose silver/silver chloride electrode ink.
117-43	0.080	Thermal	Screen print	Waterborne, low VOC electrode ink. Silver/silver chloride.
119-10	0.050	Thermal	Pad print	Silver/silver chloride electrode ink for application onto complex geometry.
106-12	15.0	Thermal	Screen print	Silver/silver chloride/carbon electrode ink.
115-02	0.100	Thermal	Flexographic & Rotogravure	Silver/silver chloride electrode ink.
ELECTRODE FILMS				
Product #	Sheet Resistivity (ohms/sq/mil)	Substrate	Coating Thickness (mils)	Comments
113-47	25.0	Polyester	0.3	Economical silver/silver chloride/carbon electrode film.
114-26A	0.100	Polyester	0.4 - 0.5	General purpose silver/silver chloride electrode film.
114-26B	0.050	Polyester	0.8 - 0.9	High performance silver/silver chloride electrode film.
RADIO OPAQUE INKS				
Product #		Application Technique		Comments
113-15		Screen print		Fast cure ink for flexible substrates.
114-29		Pad print		High adhesion ink for rigid substrates with hard to bond surfaces.
113-49		Pad print		Good adhesion on flexible substrates.

**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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# Creative Materials.

## Connecting the future with specialty electronic materials.



### **We're driven to excel.**

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.

### **Custom application solutions.**

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.

### **Expertise from prototype to production.**

We work closely with our customers to reduce their time to market of new products — from initial prototypes to scale-up of production. Our experience spans unique applications in microelectronics, biotechnology, electronics and electrical, medical, automotive, telecommunications and aerospace/defense markets.

### **Connecting design with global manufacturing.**

Creative Materials has worked with customers large and small to create unique product solutions that have been integrated into cost-effective designs for global business requirements. Please call us for a confidential review of your application.



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