

MicroCoat Sensor Specialty Device Adhesives & Films

ELECTRODE INKS

MCT Product No.	Sheet Resistivity (ohms/sq/mil)	Cure	Application Method	Used for;
490-3111	0.050	Thermal	Screen Print	General purpose silver/silver chloride electrode ink.
434-711	0.080	Thermal	Screen Print	Waterborne, low VOC electrode ink. Silver/silver chloride.
401-911	0.050	Thermal	Pad Print	Silver/silver chloride electrode ink for application onto complex geometry.
421-601	15.0	Thermal	Screen Print	Silver/silver chloride/carbon electrode ink.
420-511	0.100	Thermal	Flexographic & Rotogravure	Silver/silver chloride electrode ink.

Electrode Films

MCT Product no.	Sheet Resistivity (ohms/sq/mil)	Substrate	Coating Thickness (mils)	Used for;
474-311	25.0	Polyester	0.3	Economical silver/silver chloride/carbon electrode film.
4A62-411	0.100	Polyester	0.4 – 0.5	General purpose silver/silver chloride electrode film.
4B62411	0.050	Polyester	0.8 – 0.9	High performance silver/silver chloride electrode film.

Radio Opaque Inks

MCT Product No.	Application Technique		Used for;
451-311	Screen Print	Radio opaque ink is ideal to print visible tags used with X-Ray, MRI or other imaging equipment. The solvent based ink can be pad or screen printed, or dip coated onto a wide variety of substrates and dried quickly at low temperatures. It is a lower cost and safer material to use than metals such as lead and is possible to print small, intricate patterns if needed.	Fast cure ink for flexible substrates.
492-411	Screen Print		High adhesion ink for rigid substrates with hard to bond surfaces.
494-311	Pad Print		Good adhesion on flexible substrates