

# Metallograph™

Digital and Analog Conductive Products



RFID

## Efficient Solutions for Printed Electronics



Membrane  
Switches



Touch Screen  
Systems



Electroluminescent  
Lighting

**NEW!**

### Metallograph™ Conductive Inks

Electrically conductive screen and flexographic inks have been developed for use in printed electronics, notably membrane switches, flexible circuits, displays, and electroluminescent lighting. IIMAK inks feature market leading drying times with excellent flexibility and adhesion to a variety of substrates.

#### Advantages

- 70°C cure temperature
- Short cure time
- Increased processing efficiencies
- Flexo and screen inks available in three different sizes
- Highly conductive silver particles for maximum conductivity
- Silver-coated copper - cost-efficient alternative
- ASTM tested

**NEW!**

### Metallograph™ Conductive Thermal Transfer Ribbon

On demand production of printed electronics is now possible with the Metallograph Conductive Thermal Transfer Ribbon by IIMAK. An established *digital* printing technology, thermal transfer is an easy, cost-effective printing method for short run production, rapid prototyping and design verification.

#### Advantages

- No sintering required
- Consistent conductive thickness
- No messy clean up
- Available for all thermal transfer printers
- Digital, on-demand for short run production
- Wide substrate latitude
- ASTM tested
- Dielectric thermal transfer ribbons also available

## About Metallograph™ Conductive Inks and Ribbons

With over 25 years experience in developing and manufacturing inks, IIMAK chemists have engineered conductive properties into its inks and thermal transfer ribbons. Dubbed Metallograph, these highly conductive

inks and thermal transfer ribbons improve efficiencies for the printed electronics industry in markets such as membrane switches, electroluminescent lighting, RFID and a variety of printed electronics.



310 Commerce Drive • Amherst, NY 14228  
Toll-Free: 888.624.5246 • Phone: 716.204.2715  
salesinfo@iimak.com • www.iimak.com