



# Conductive Inks

## CONVENTIONAL

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

**Description:** Deco-Chem's Conductive Inks are low electrical resistance properties. The main applications of Deco-Chem's conductive inks are for membrane switches, RFID antennas, and printed conductors. Deco-Chem's conductive inks exhibit excellent flexibility and fast curing properties. It is a one part system ready to print straight from the container.

**Qualities:**

- Low Electrical Resistance
- Ease of Application
- Excellent Adhesion
- Excellent Flexibility
- Fast Cure

**Substrates:**

- Polyester
- Paper
- Plastic Films

**Stencil:** Use a Lacquer Proof or Direct Emulsion Film, Photographic, or Water-soluble Hand-cut Stencils

**Coverage:** 400-500 sq/ft. per gallon depending on ink deposit

**Application:** Deco-Chem's Conductive Inks is engineered to be directly screened onto the substrate using a 65 mesh screen.

**Cure Parameters:** Deco-Chem's Conductive Inks can be cured with air, jet dry, or low bake at 250 F for 10 minutes.

**Additives:** 150-30 and 410-30 Thinners

**Cleaner:** ATX-96 Special Screen Wash

**Storage:** Store tightly, shut in a cool, dry, and dark place for minimum shelf life for 6-12 months.

**Sizes:** 1 Gallon Pail, 5 Gallon Pail, 30 Gallon Drum, 55 Gallon Drum

**Products:**

D-10303	ATX Conductive Black (For static discharge)
D-10746	Conductive Silver (For printed circuits on Plastic)
D-11164	Conductive Nickel (For heating elements)
D-11174	Conductive Silver (For heating elements)

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