



SERIES 8400 LITHO FOR PAPER (84-000)

PRODUCT DESCRIPTION

Kolorcure's Series 8400 UV curable Lithographic inks are suitable for printing on various paper and synthetic substrates. This ink offers excellent printing qualities producing superb dot reproduction and strong solids.

PRODUCT FEATURES

- Outstanding Printability
- Rub Resistance
- High Gloss
- Superb High Speed Curing
- Excellent Intercoat Adhesion
- Super Low Odor
- Lightfast Colors Available

COLORS AVAILABLE

Kolorcure's UV curable inks are available in over 25 standard press ready colors which include a color matching system and several lightfast colors. We also offer a reliable color matching service and are able to quickly supply special formulations.

Kolorcure also offers press ready and stable metallic silver and golds. These inks have been formulated to provide the ultimate in metallic brilliance and luster.

RECOMMENDED SUBSTRATES

Kolorcure's Series 8400 is designed to print on coated and uncoated paperboard and stocks. Special formulations are available for other difficult substrates.

DIRECTIONS FOR USE

Kolorcure's UV curable lithographic inks are compatible with all plates, blankets and rollers designed to work with UV based chemistry.

- The best blanket and roller cover material for UV printing is EPDM.
- Fountain Solutions and / or alcohol substitutes that are free of additives in the ethylene glycol family are recommended.
- A deep grained plate will give you more latitude and trouble free printing compared to a smooth plate.

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CURING AND CURING EQUIPMENT

Series 8400 Litho inks cure upon brief exposure to a focused high intensity ultraviolet light source. A standard 300 watt per inch medium pressure mercury vapor lamp should be used. Line speeds up to 250 parts/min can be obtained using a single lamp set up.

STORAGE AND HANDLING

All KOLORCURE photopolymer inks and coatings should be stored in a cool dry area: 80°F (27°C) or below. Keep these inks and coatings away from direct sun light and indirect white light. Do not use these inks and coatings in areas having fluorescent lights overhead. Keep these inks and coatings away from internal heat sources.

SPECIAL NOTES

All UV inks and coatings are sensitive to contamination. Use only new screens or those previously used for UV printing. Do not add any conventional ink or solvents to the inks. They are most likely not compatible and will destroy all properties.

WARNING

The use of goggles, gloves, and protective clothing is recommended. Avoid prolonged breathing of vapors. Contact of liquid material with the skin may be irritating; wash exposed area thoroughly with soap and water. Contact of liquid with the eyes may cause injury - effects may be delayed; flush eyes with large amounts of water for 15 minutes and call a physician. Like most polymers, the properly -cured resins are considered largely inert.

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