



SERIES 8500 LITHO FOR PLASTIC (85-000)

PRODUCT DESCRIPTION

Kolorcure's Series 8500 UV curable Lithographic inks have been formulated to provide excellent adhesion to various papers and a wide range of plastic and vinyl substrates. This series will exhibit excellent color strength as a result of the high pigmentation, superior printability and great transfer properties of the ink. Series 8500 is ideal for long print runs, process work, and extremely fine copy or reverses.

PRODUCT FEATURES

- Low Odor
- High Gloss
- Chemical and Rub Resistance
- Excellent Printability at High Speeds
- Lightfast Colors Available

COLORS AVAILABLE

Kolorcure offers four-color process inks, and a full line of Pantone® mixing colors

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

RECOMMENDED SUBSTRATES

Kolorcure's Series 8500 is designed to print on Polypropylene, Polyethylene, Polystyrene, Polyvinyl, Polycarbonate, Polyester, and Paper. Special formulations are available for other difficult substrates.

Pretest for adhesion to all substrates prior to production printing, as well as, other properties to determine suitability.

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 8500 Lithographic inks cure upon brief exposure to a focused, high intensity ultraviolet light source. A standard 200/300-watt per inch medium pressure mercury vapor lamp should be used.

Kolorcure recommends tack-graded inks for wet trapping while uni-tack inks can be used for interstation drying.

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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