



SERIES 5500 FLEXO FOR PLASTIC (55-000)

PRODUCT DESCRIPTION

Kolorcure's Series 5500 UV curable Flexo inks are formulated to provide the flexographic printer with a superior product that will consistently outperform any other UV curable Flexo ink system currently available. Our inks offer superb dot reproduction while maintaining crisp print definitions, as well as producing strong smooth solids. Series 5500 inks have excellent flow and leveling properties producing a high gloss, chemical and mar resistant surface. This ink series will perform well on various narrow and wide web presses.

PRODUCT FEATURES

- Ultra High Gloss
- Unmatched Color Density
- Pumpable, Pourable Viscosity
- 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 5500 inks have been formulated to adhere to many non-porous films & foils including PVC, PE, PS, and PP. Special formulations are available for other difficult substrates.

DIRECTIONS FOR USE

Series 5500 ink was developed to be used with the finest anilox cell counts available. Strong solids are achieved using 600-700 BCM while photographic quality four color process can be produced using 800-1200 BCM anilox rolls.

Series 5500 inks are formulated to minimize swell or softening of most plate material designed to work with UV materials.

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CURING AND CURING EQUIPMENT

Series 5500 Flexo 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 800 ft/min can be obtained using multiple lamps.

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.

“Based on our experience, we believe the above information is accurate, but we offer no guarantee as to the use or application of our products or of this information. We warrant our products to be free from defects in material and workmanship; but because their use is beyond our control, we accept no responsibility of liability for damages, whether direct, indirect, or consequential, resulting from failure in performance. In cases where our products are found to be defective in material and workmanship, our liability is limited to the purchase price of the products found to be defective. THIS WARRANTY IS TO THE EXCLUSION OF ALL OTHER WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, DESCRIPTION, PRODUCTIVENESS OR ANY OTHER MATTER. None of the above information may be construed as recommendation that our products be used in violation of any rights. We accept our orders at our shipping points only on the basis of the above understanding which our employees have no authority to vary.”