

UVALUX 44 SERIES

Premium Electron Beam Lithographic Ink

A New CONCEPT in EB Lithography

The 44 SERIES is a fully integrated printing ink system capable of handling all your lithography requirements. 44 SERIES inks represent the very latest electron beam curing technology for lithography printing. Formulated to functionally eliminate the on-press performance gap between conventional and EB ink systems. The inks are designed to provide excellent print quality and stability, without the high degree of press sensitivity typically experienced with EB inks. This system achieves a wide water window, typically associated with high performance conventional oleo-resinous inks.

Features

- + Extreme High Density
- + Low Migration
- + Low Odor
- + Wide Ink/Water Balance
- + Low Misting
- + Thorough Cure
- + Improved Dot Fidelity
- + Reduced Contamination

Applications

- + Suitable for all Lithography Applications
- + Highest Performance on a Wide Variety of Presses

Color Availability

44 SERIES inks contain clean, strong, transparent pigmentations designed for EB lithography. This allows the system to be hassle free for color matches achieving a wider color spectrum.

- + Full PANTONE® Product Line
- + Full Fluorescent Product Line
- + 4 Color Process Inks
- + Extended Gamut Colors



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Profitability Enhancements

The most proven methods for reducing ink cost are achieved through reduced ink consumption and lower waste. Running thinner ink films, remixing unused colors, enhanced press speeds and using less energy on press all add up to cost savings with the 44 SERIES vs. UV curable inks.

A large process window of runability will add the greatest amount of intangible savings through reduction in down time. Holding a job in balance as the press conditions are changing requires an ink system that is able to compensate and tolerate movement. While a wide operating window within the ink is no substitute for optimum press conditions, it does minimize loss in jobs and down time.

Substrates*

- + SBS
- + Uncoated/Recycled Board
- + PET (Acrylic Coated)
- + Synthetics
- + Various Board Stocks

* Proper testing recommended prior to selecting substrates.

The 44 SERIES system provides a range of inks optimized for specific applications. Please consult with your Zeller+Gmelin representative for the correct selection.

EXPERTLY DONE.