



Non-Phthalate Plastisol

EF Mixopake Plastisol (MIXE)

A versatile, PANTONE® Approved, high-opacity finished ink, for color matching or all-around direct printing.

Applications

- 100% cotton white or dyed fabric.
- consistent & accurate color matches

Features

- Extremely opaque prints.
- PANTONE® approved.

General Information: Union Ink's Mixopake Series will enable you to create any color in the PANTONE® Matching System and all Union Ink standard colors when printed on 100% cotton white or dyed fabrics. Mixopake Series inks are also an excellent choice for standard colors when color matching is not required. Mixopake Series inks are balanced, ready-for-use plastisols not pigment concentrates.

Mixopake inks print easily by hand, as well as, on the fastest automatic presses. The MIXE-1000 Super White is extremely opaque, easy to mix with other MIXE Series colors, and performs well as a fast flashing underbase white on 100% cotton fabric.

Opacity: Mixopake Inks are high-opacity inks.

Stencils: Use any direct emulsion or capillary film compatible with plastisol inks.

Mesh: Mixopake inks will print through meshes from 60 to 230 (24-90 metric) with excellent opacity. Inks mixed according to Mixopake System formulas are designed to reproduce accurate colors when printed through a 60 (24 metric) monofilament mesh on to black 100% cotton fabric.

Additives: We do not recommend reducing Mixopake inks when printing on dark fabrics as this will reduce the opacity of the finished print. If necessary, reduce with 5-10% of Reducer (PLRE-9000). When printing on light colored fabrics you may add Extender Base or Soft-hand Base in a ratio of up to three parts base to one part ink. This will reduce the opacity of the ink and result in a softer hand however, the color will not be changed. If build-up on the back of the screen becomes a problem, add 1-2% by weight of Flow Control Additive (MIXO/MIXE-9020).

Color Mixing Instructions: The formulas and instructions for simulating the standard PANTONE® "C" colors and the Union Ink standard colors are available free after registering on our web page @ www.unionink.com.

Printing on Cotton / Polyester Blends: For excellent results on cotton / polyester blended fabrics, substitute MIXE Low Bleed colors for the standard Mixopake colors. Alternately, the regular colors can be printed over a low-bleed underbase white such as PLHE-1070 /1075 Diamond and Premium Low Bleed Whites. Overprint Mixopake inks through 140-305 (55-120 metric) monofilament mesh.

Curing Instructions: These inks will fully cure when the entire thickness of ink layer reaches 300°F (149°C).

Caution: Always test this product for curing, adhesion, crocking, opacity, washability and other specific requirements prior to using in production.

Union Ink Company

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Standard Mixing Colors

MIXE-1000 Super White	MIXE-4002 Violet
MIXE-2002 Yellow G/S	MIXE-4003 Cerise
MIXE-2042 Yellow R/S	MIXE-5001 Blue G/S
MIXE-3002 Red Y/S	MIXE-5003 Blue R/S
MIXE-3007 Red B/S	MIXE-6002 Green
MIXE-4001 Magenta	MIXE-8000 Black

Neon Colors

MIXE-F211 Neon Orbit Yellow
MIXE-F212 Neon Golden Yellow
MIXE-F214 Neon Flame Orange
MIXE-F312 Neon Aurora Pink
MIXE-F411 Neon Magenta
MIXE-F511 Neon Solar Blue
MIXE-F611 Neon Traffic Green

Low-Bleed Colors

MIXE-2005 Low-Bleed Yellow G/S
MIXE-2045 Low-Bleed Yellow R/S
MIXE-4005 Low-Bleed Magenta

Additives

MIXE-9070 Soft-Hand Base
MIXE-9090 Extender Base

Color Key

G/S indicates Green Shade
R/S indicates Red Shade
Y/S indicates Yellow Shade
B/S indicates Blue Shade