

MIXOPAKE™

UNION Mixopake Plastisol (MIXE) Series

Union Mixopake Inks are a highly versatile and high-opacity system that can be used to create PANTONE® colors.

This system can also be used to create all Union Ink Maxopake colors when printed on black, colored or light fabrics. Mixopake components may also be used as press ready ink when color matching is not required. These inks are balanced and are ready-for-use plastisols— not concentrated pigments.

Mixopake prints easily by hand and also prints well on automatic presses. Similar to Union Maxopake series, Mixopake inks perform well when printed direct to fabric on light and dark substrates where bleed resistance is not required. The high level of opacity will deliver accurate colors when printed over low bleed under base inks when the substrate requires bleed resistant ink.

UNIQUE FEATURES

FEATURES

Highly versatile ink system

ADVANTAGES

Can be used to create Pantone colors or Union Ink standard Maxopake colors.

BENEFITS

Provides flexibility to match colors with the least amount of components.

Custom color creation

Limitless color options.

RFU mixing inks can be used to create custom colors for personalized color pallet.

Can be used for manual or automatic operations

Very user-friendly and easy to use system.

Provides high flexibility to print depending on level of opacity needed.

HIGHLY VERSATILE HIGH-OPACITY INKS FOR
COLOR MATCHING OR ALL-AROUND PRINTING



MIXOPAKE PRODUCT LINE

Standard Colors

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

Color Key

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

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-1055 Low-Bleed White
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

RECOMMENDED BEST PRACTICES

■ APPLICATIONS

The Mixopake series inks can be used to print dark or light colored 100% cotton garments. An appropriate low bleed white plastisol such as PLHE-1070 Diamond White or ATHP-1070 Poly White should be used as an underbase where bleed resistance is required. Inks blended in the MIXE series will also cover accurately over our low bleed grey under base products (PLHE-1500 Barrier Grey and ATHP-1550 Cosmic Barrier Grey). Opacity and Viscosity can be adjusted with PLRE-9000 Reducer or MIXE-9090 Extender Base.

■ STENCILS

Use any direct emulsion or capillary film.

■ MESH

Mixopake inks will print through meshes from 60-230 (24-90 metric) with excellent opacity.

■ ADDITIVES

We do not recommend reducing Mixopake inks when printing directly onto 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. If build-up on the back of the screen is a problem, add 1-2% Flow Control Additive (MIXE-9020).

■ PROCESS

The formulas and instructions for simulating the standard PANTONE® "C" colors and the Union Ink standard colors are available free from Union Ink. See your supplier for details.

■ CURING

For optimum curing, we recommend that a minimum ink film temperature of 300°F (149°C). This can typically be achieved by a dwell time in the oven of at least 1 minute in the oven set at a temperature above 300°F.

■ CAUTION

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

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