



Non-Phthalate Plastisol

EF Maxopake Plastisol (PADE)

High-opacity, direct print plastisol

Applications

- Dark garments.
- Direct printing.
- 100% cotton or cotton/polyester.*

Features

- Very high opacity.
- Easy to print.
- Low-bleed formulations available.

General Information: Maxopake inks are the most opaque plastisol colors available. Even the neon colors are bright and highly opaque. Maxopake inks are recommended for direct manual or machine printing on black and dark colored garments. When printing on whites and light-colored fabrics we recommend adding the appropriate extender base for a softer hand, to minimize the potential for crocking and economy.

Opacity: Maxopake inks are highly opaque.

Mesh: 74-125 (29-49 metric) monofilament polyester. Maxopake inks can be printed through higher mesh counts on light-colored fabrics with the addition of Reducer/Detackifier (PLRE-9000) or a compatible plastisol Extender Base (PLUE-9090).

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

Additives: Maxopake inks are supplied ready to print. If necessary to reduce viscosity, use up to 15% by weight, of Reducer/Detackifier (PLRE-9000). For printing transfers, mix Maxopake with with 5-10% Hot Split Additive (PLUE-9040).

Printing Instructions: Multiple strokes may be required when printing by hand. When printing with automatic presses use a slightly rounded squeegee to print a thicker ink layer. A soft pad on the printing pallet will minimize penetration into the garment and improve opacity.

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

Using Low-Bleed Inks: The Maxopake series includes two low-bleed colors: Low-Bleed Medium Yellow (PADE-2060), and Low-Bleed Golden Yellow (PADE-2048). The low-bleed inks are recommended for printing on cotton/polyester garments to control the problem of dyes in the polyester fibers migrating or “bleeding” into the plastisol ink. Low-bleed inks are not recommended for printing on light-colored 100% cotton fabrics. On rare occasions ghost images can appear on contacting surfaces of ink to garment. The use of low-bleed plastisols on these fabrics is not recommended. If low-bleed colors are used, be sure to fully cure, to minimize the possibility of ghost images. Avoid stacking or packing garments printed with low-bleed inks while they are still hot. Always check to see if you are getting ghost images.

Caution: High opacity inks may crock. Red pigmented inks are especially subject to this problem. To control or reduce crocking, add up to 10-15% by weight of Extender Base (PADE / MIXE-9090). Always test this product for curing, adhesion, crocking, opacity, washability and other specific requirements before using in production.

Union Ink Company

10021 Rodney Street • Pineville, NC 28134
800-438-5134 • 704-553-0046 • Fax: 704-552-6589
www.unionink.com • sales@unionink.com

Standard Colors

PADE-1001 Basic Cotton White
PADE-1027 Bright Cotton White
PADE-1030 Premium Brite Cotton
PADE-1062 EZ Print White
PADE-1508 Lite Grey
PADE-1525 Dark Grey
PADE-2010 Lemon Yellow
PADE-2013 Cream
PADE-2017 Vegas Gold
PADE-2020 Chrome Yellow
PADE-2044 Golden Yellow
PADE-2046 Rebel Gold
PADE-2052 Burnt Orange
PADE-2057 University Orange
PADE-2064 Orange
PADE-2102 Fashion Khaki

PADE-3006 Bright Red
PADE-3010 Scarlet Red
PADE-3015 Cardinal Red
PADE-3020C Flag Red
PADE-3021 Lo Crock Flag Red
PADE-3030 Maroon
PADE-3113 Cool Pink
PADE-4014 Magenta
PADE-4020 Deep Purple
PADE-4101 Fashion Lilac
PADE-4103 Rose Magenta
PADE-5008 Brite Blue
PADE-5015 Columbia Blue
PADE-5017 University Blue
PADE-5020 Mono Blue
PADE-5036 Royal Blue
PADE-5060C Aqua Marine

PADE-5085C Opaque Process Blue
PADE-5108 Peacock Blue
PADE-6001 Tahiti Green
PADE-6008 Brite Green
PADE-6016 Lime Green
PADE-6022 Chrome Green
PADE-6090 Kelly Green
PADE-7031 Sienna Brown

Low-Bleed Colors

PADE-2060 Medium Yellow
PADE-2048 Golden Yellow

Fluorescent Colors

PADE-F211 Orbit Yellow
PADE-F212 Golden Yellow
PADE-F213 Inferno Orange
PADE-F214 Flame Orange
PADE-F311 Missile Red
PADE-F312 Aurora Pink
PADE-F402 Purple
PADE-F511 Solar Blue
PADE-F611 Traffic Green

Additives

PLRE-9000 Reducer/Detackifier
PADE-9090 Extender Base
MIXE-9090 Extender Base