

# MAXOPAKE™

UNION Maxopake Plastisol (PADE) Series

Union Maxopake Inks are the most opaque plastisol colors available in the market today.

These inks are highly versatile and can be used for direct manual or automatic machine printing on light and dark colored garments. Proper use of Maxopake inks will eliminate the need for a white underbase screen on 100% cotton substrates, while the high level of opacity will deliver accurate color when printed over low-bleed under base inks when the substrate requires bleed resistance.



## UNIQUE FEATURES

### FEATURES

#### Highly opaque ink system

#### Can be used for manual or automatic operations

#### Multi-purpose ink system

#### Distinct and diverse color selection

### ADVANTAGES

Can be used to print on dark colored garments without under base.

Highly versatile and easy to use system.

RFU ink colors for most substrates.

Multitude of RFU colors to choose from (see reverse side).

### BENEFITS

Saves time and money leading to higher output.

Provides high flexibility to printer depending on level of opacity required.

Can be printed direct to cotton fabric or printed over low bleed/poly underbase.

Provides printers with a broad array of color options.

THE HIGH-OPACITY, DIRECT PRINT PLASTISOL



# MAXOPAKE PRODUCT LINE

## Standard Colors

PADE-2010 Lemon Yellow  
PADE-2020 Chrome Yellow  
PADE-2044 Golden Yellow  
PADE-2064 Orange  
PADE-2052 Burnt Orange  
PADE-2057 University Orange  
PADE-3020 Flag Red  
PADE-3010 Scarlet Red  
PADE-3006 Bright Red  
PADE-3015 Cardinal Red  
PADE-3030 Maroon  
PADE-3113 Cool Pink

PADE-4101 Lilac  
PADE-4014 Magenta  
PADE-4103 Rose Magenta  
PADE-4020 Deep Purple  
PADE-5036 Royal Blue  
PADE-5015 Columbia Blue  
PADE-5017 University Blue  
PADE-5008 Bright Blue  
PADE-5108 Peacock Blue  
PADE-5060 Aqua Marine  
PADE-5085 Process Blue  
PADE-6001 Tahiti Green  
PADE-6016 Lime Green

PADE-6008 Bright Green  
PADE-6090 Kelly Green  
PADE-6022 Chrome Green  
PADE-7031 Sienna Brown  
PADE-2102 Fashion Khaki  
PADE-2013 Cream  
PADE-2046 Rebel Gold  
PADE-2017 Vegas Gold  
PADE-1508 Light Gray  
PADE-1525 Dark Gray

## Low-Bleed Colors

PADE-2048 LB Golden Yellow

## Neon 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 Neon Purple  
PADE-F511 Solar Blue  
PADE-F611 Traffic Green

## Additives

PLRE-9000 Reducer\Detackifier  
PLUE-9090 Extender Base

## RECOMMENDED BEST PRACTICES

### ■ APPLICATIONS

The Maxopake series inks can be used to print dark or light colored 100% cotton garments. Maxopake colors can be directly printed on 100% cotton garments or light colored cotton/poly blends 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. The Maxopake 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 PLUE-9090 Extender Base.

### ■ STENCILS

Use any direct emulsion or capillary film.

### ■ MESH

Use 86-230 (34-90 metric) monofilament polyester. Can be printed through higher mesh counts on light-colored fabrics with the addition of Reducer/ Detackifier (PLRE-9000) or Extender Base (PLUE- 9090).

### ■ ADDITIVES

Maxopake inks are supplied ready to print. If necessary

reduce with small amounts of Reducer/Detackifier (PLRE-9000). For printing transfers, mix Maxopake with with 5-10% Hot Split Additive (PLUE-9040).

### ■ PROCESS

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

### ■ 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

High opacity inks may crock. Red pigmented inks are especially subject to this problem. To control or reduce crocking, add Extender Base (PLUE-9090). Always test this product for curing, adhesion, crocking, opacity, washability and other specific requirements before using in production.

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