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 underbase inks when the substrate requires bleed resistance.

**UNIQUE FEATURES**

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<th>FEATURES</th>
<th>ADVANTAGES</th>
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<td>Highly opaque ink system</td>
<td>Can be used to print on dark colored garments without under base.</td>
<td>Saves time and money leading to higher output.</td>
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<tr>
<td>Can be used for manual or automatic operations</td>
<td>Highly versatile and easy to use system.</td>
<td>Provides high flexibility to printer depending on level of opacity required.</td>
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<tr>
<td>Multi-purpose ink system</td>
<td>RFU ink colors for most substrates.</td>
<td>Can be printed direct to cotton fabric or printed over low bleed/poly underbase.</td>
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<td>Distinct and diverse color selection</td>
<td>Multitude of RFU colors to choose from (see reverse side).</td>
<td>Provides printers with a broad array of color options.</td>
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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.