

FEATURES

- Energy saving low cure, Phthalate free (PF) system.
- Simulates PANTONE® for light colored textile fabrics.
- Low Bleed (LB) and formulated for high speed printing.
- Very creamy, short bodied, with low tack for ease of printing.
- Allows faster production speeds and can be printed through finer mesh counts.

UltraMix® 7900 PF LF* COLORS

7900 Extender Base	7914LF Blue (RS)
7901LF White	7916LF Blue (GS)
7902LF Yellow (GS)	7918LF Green
7904LF Yellow (RS)	7920LF Brown
7906LF Orange	7922LF Black
7908LF Red (BS)	7924LF FL. Magenta
7910LF Purple	7926LF FL. Violet
7912LF Violet	7928LF FL. Green

*LF (Lead Free) Contains less than 0.025% lead.

Application & Storage Information

RECOMMENDED FABRICS	100% cotton or cotton/polyester blends. Use an underbase for dark fabrics. Always test print for bleeding or dye migration.
INK APPLICATION	Colors should be printed without any modifications. If thinning is required, use 7799LF LB Lo-Bleed Reducer (1% to 5% by volume).
SCREEN MESH AND EMULSION	110 to 305 t/in or 43 to 120 t/cm Monofilament Any direct or indirect lacquer resistant emulsion.
SQUEEGEE	65-70 Durometer: Sharp Edge 60-90-60 or 70-90-70 Triple Durometer: Sharp Edge
CURE TEMPERATURES	275° to 325°F (135°C to 163°C) Entire ink film. Test dryer temperatures and wash test printed product before and during a production run.
CLEAN-UP	Any environmentally friendly plastisol screen wash.
PRODUCT PACKAGING	1 Gallon, 5 Gallon, or 30 Gallon Containers.
STORAGE OF INK CONTAINERS	Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight. Keep containers well sealed.
PRODUCT MSDS	Refer to material safety data sheet MSDS8

MODIFYING INK

This ink should not be modified with any product not recommended for the system. Any addition of products other than those recommended for the system can contaminate the system so that it no longer complies with European or some manufacturers' restricted substance requirements.

SPOT FLASHING

The UltraMix® 7900 inks will spot dry, with very low after flash tack, in 3 to 8 seconds depending on the spot dryer used. Too much heat / time may cause the ink to become sticky after flashing. Adjust flash unit accordingly. When spot drying, the ink should be just dry to the touch, with no lift off, but not totally fused. Totally fusing any of the flashed colors may cause inter-coat adhesion problems with the inks printed on top of the flashed ink. Final curing / fusing will occur in the dryer.

ENERGY SAVING

UltraMix® 7900 inks will cure/fuse properly when the entire printed ink film reaches 275°F (135°C). To insure proper curing at this temperature, dryer temperatures must be accurately controlled and monitored. Dryer temperature settings and retention times should be determined by thorough testing. Printers who properly adjust their dryers to accommodate this lower cure temperature should be able to see 10% to 20% savings in their dryer energy usage.

IMPORTANT INFORMATION

1. In order to achieve the best color matching results using the UltraMix® 7900 Color System, the specified primary colors for the system must be used. Using colors other than the specified primaries will produce inaccurate matching results.
2. Use 7901LF White in all 7900 Series formulas calling for white. Use 7922LF Black in all formulas calling for black. Using any other white or black will produce inaccurate results. All of the 7900 Series primary colors may be printed as is.
3. The UltraMix® 7900 inks are low bleed inks, not non-bleed inks. On some types of fabric, bleeding or dye migration may occur. Always test print the fabric before beginning production. Bleeding or dye migration may not occur right away.
4. Adjust squeegee pressure, angle and off-contact to insure proper shear and lay down of printed ink. Properly setting squeegee, flood bar and off-contact will improve print performance, screen life and squeegee durability.
5. Use an underlay print when printing UltraMix® 7900 inks on dark fabrics. Use the 7901LF White as an underlay white ink. To achieve a softer hand and faster production speeds, print the under base ink through finer mesh counts (230 to 305 t/in or 90 to 120 t/cm).

Recommendations and statements made are based on International Coatings' research and experience. Since International Coatings does not have any control over the conditions of use or storage of the product sold, International Coatings cannot guarantee the results obtained through use of its products. All products are sold and samples given without any representation of warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purpose. This applies also where rights of third parties are involved. It does not release the user from the obligation to test the suitability of the product for the intended purpose and application. All trademarks noted herein are either the property of International Coatings, Pantone, Inc. or their respective companies.

UltraMix® 7900 PF COLOR SYSTEM