

FEATURES

- Ultra White 7031* is a high performance, high pigment (HP), bleed resistant, white plastisol formulated for ultra high speed printing.
- Very creamy, short bodied, low tack with greatly improved shear for ease of printing.
- High opacity ink that is optically very bright.
- Well suited for high definition and resolution, fine detail and halftone printing.
- It will deliver faster production speeds with less pressure, and can be printed through finer mesh counts.

*Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	100% cotton, and some cotton/polyester blends. Always test print fabric before beginning a production run.
INK APPLICATION	Ultra White 7031 should be printed right from the container without any modifications. If thinning is needed, use I099 LB (Lo-Bleed) Reducer (1% to 5% by weight).
SCREEN MESH AND EMULSION	60 to 305 t/in or 24 to 120 t/cm Monofilament Use 160-305 t/in or 63 -120 t/cm Monofilament for under basing Any direct or indirect plastisol resistant emulsion. Use 35 to 70 micron capillary film for best results.
SQUEEGEE	65-70 Durometer: Sharp Edge 60-90-60 or 70-90-70 Triple Durometer: Sharp Edge
CURE TEMPERATURE	325°F (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.

SPOT FLASHING

Ultra White 7031 will spot dry, with a very low after flash tack, in 2 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 underbase ink should just be dry to the touch with no lift off, but not totally fused. Totally fusing the underbase ink may cause inter-coat adhesion problems with the inks printed on top of the underbase. Final curing will occur in the dryer.

IMPORTANT INFORMATION

1. Ultra White 7031 is a bleed resistant ink, not a non-bleed ink. On some types of fabric, bleeding or dye migration may occur. Always test print the fabric to be printed before beginning production. It is best to do some long term testing on some fabrics to determine if they are subject to dye migration. Bleeding or dye migration may not occur right away.
2. Excessive squeegee pressure will drive the Ultra White 7031 through the fabric being printed, making the ink look less opaque. Adjust squeegee pressure, angle and off-contact to insure proper shear and laydown of printed ink. Proper settings of squeegee, flood bar and off-contact will improve performance, improve screen life and squeegee durability.
3. Adding too much reducer or other additives to the Ultra White 7031 may also cause loss of opacity or other problems.
4. Ultra White 7031 is very easy to print when compared to other white inks and can be printed through finer mesh counts while still maintaining great opacity. This means less ink usage and faster production times, a real money saver. Using finer mesh counts also means a softer hand on the finished product.

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.

7031 ULTRA WHITE