

FEATURES

- Ultra White 7031LF* is a high performance, high pigment (HP), low bleed (LB) 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.

*LF (Lead Free) Contains less than 0.025% 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 7031LF should be printed right from the container without any modifications. If thinning is needed, use I099LF LB Lo-Bleed Reducer (1% to 5% by volume).
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 lacquer 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	Mineral Spirits or any environmentally friendly plastisol screen wash.
PRODUCT PACKAGING	1 Gallon, 5 Gallon, or 30 Gallon Containers.
STORAGE OF INK	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 7031LF 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 7031LF is a low bleed 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 7031LF 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 7031LF may also cause loss of opacity or other problems.
4. Ultra White 7031LF 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.

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ULTRA WHITE 7031