

FEATURES

- 7014* LB (Lo-Bleed), Non-Phthalate (NP) is a low fusing, fast flashing, low tack, high pigment (HP), white plastisol screen printing ink.
- With a very creamy viscosity, the ink is very easy to print. This results in a lot less pressure needed to print the ink through the screen.

Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	100% cotton, cotton/polyester blends and polyester. Always test print fabric before beginning a production run.
INK APPLICATION	7014 NP LB HP White should be used right from the container without any modifications. If thinning is required, use 1% to 10% by volume, of 1099LF LB Curable Low Bleed Reducer. Using other reducers or additives may lower the bleed resistance and/or opacity of the ink. Adding too much reducer will cause loss of opacity.
SCREEN MESH AND EMULSION	60-230 t/in or 24-90 t/cm Monofilament Use 110-230 t/in or 43-90 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 TEMPERATURES	275°F to 300°F (135°C to 149°C) entire ink film. 1 color print using 7014LF only (testing required before using lower temperature settings). 325°F (163°C) entire ink film for multiple color prints. Test dryer temperatures and wash test printed product before and during a production run.
CLEAN-UP	Any environmentally friendly plastisol screen wash.
PRODUCT PACKAGING	Quart, 1 Gallon, 5 Gallon, or 30/50 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

This product will spot dry, with a very low after flash tack, in 2 to 8 seconds depending on the spot dryer used. In some cases, you may have to lower the heat of the spot cure unit because too much heat may actually make the ink tacky. When you spot dry, you are only partially fusing or gelling the surface of the ink. The ink should just be dry to the touch, with no lift off, but not totally fused. Totally fusing the underprint white may cause inner coat adhesion problems with the inks printed on top of the white ink. Final fusing or curing will occur in the dryer.

IMPORTANT INFORMATION

1. 7014 NP LB HP White 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 going to bleed. Bleeding or dye migration may not occur right away.
2. Excessive squeegee pressure, when using 7014 NP LB HP White, will drive the ink through the fabric, making the ink look less opaque. Adding too much reducer will also cause loss of opacity.
3. 7014 White was formulated to make printing opaque white easy. This technology helps to make hand printing less tiring, because less squeegee pressure is needed, which improves operator performance. It also allows automatic equipment settings to be at lower pressure settings, thus improving screen life and squeegee durability.
4. 7014 White, compared to other opaque whites, prints so easily you will find that a finer screen mesh can be used for the same opacity as a more open mesh. This means less ink will be used, a real money saver in terms of ink usage. It also means a softer hand on flashed fabrics.

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7014 LO-BLEED HP NP WHITE