

711LF LO-BLEED HP WHITE

INTERNATIONAL COATINGS CO., INC.

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GENERAL INFORMATION

711LF* LB** is a low fusing, fast flashing, low tack, high pigment 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. A truly white white, without any objectionable odor. The ink contains no bleaching agents and is superior in performance to other low bleed inks.

*LF (Lead Free) Contains less than .025% lead.

**LB (Low Bleed)

RECOMMENDED FABRICS

Polyester, Cotton/Polyester Blends and Cotton.

INK APPLICATION

711LF LB HP White should be used right from the container without any modifications. If thinning is needed, use 3% to 20% by volume, 799LF Lo-bleed Curable Reducer. To maintain best opacity when reducing 711LF, 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 MONOFILAMENT

ANY DIRECT OR INDIRECT LACQUER PROOF EMULSION.

USE 35 TO 70 MICRON CAPILLARY FILM FOR BEST RESULTS.

110-160 MONOFILAMENT FOR UNDER PRINTING.

SQUEEGEE

60-70 DUROMETER: SHARP OR BEVELED EDGE.

DRYER TEMPERATURES

275°F to 300°F (135°C to 149°C)

1 color print using 711LF only (testing required before using lower temperature settings).

300°F to 325°F (149°C to 163°C)

For multiple color prints

Since 711LF LB HP White plastisol does not air dry, the ink must be fused or gelled with an appropriate heat source. The optimum time/temperature cycle will vary with the amount of ink deposited, fabric, and the type of heat source used. Plastisols actually achieve the proper fusion point as soon as the innermost section of the ink film reaches the prescribed temperature. Test dryer temperatures before a production run. Wash test product before a production run.

CLEAN-UP

Mineral Spirits (White Spirits) or any Environmentally Friendly Plastisol Screen Wash.

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. 711LF 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 711LF 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. 711LF HP 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. 711LF LB HP 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.

PRODUCT INFORMATION

STORAGE OF INK CONTAINERS

Keep indoors and store in a cool area. Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight or in extreme temperature conditions.

PRODUCT PACKAGING

QUART, 1 GALLON, 5 GALLON or 30 GALLON CONTAINERS.

PRODUCT MSDS

REFER TO MATERIAL SAFETY DATA SHEET MSDS8.