



RECOMMENDED FABRICS

100% Cotton
50/50 Cotton/Polyester Blends



INK APPLICATION

7031 Ultra White™ should be used right from the container without any modifications



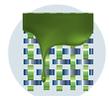
ADDITIVES

If modification is necessary, use 1% to 5% by weight of 1099 Low Bleed Curable Reducer



SCREEN MESH

110-305 t/in (43-120 t/cm) monofilament



EMULSION

Any direct or indirect emulsion or capillary film in the 35 to 70 micron range



SQUEEGEE

65-70 Durometer
Sharp edge



CURE TEMPERATURES

325°F (163°C) for 1 minute
Dependent on dryer speed and temperature settings



CLEAN-UP

Any environmentally friendly plastisol screen wash



PRODUCT PACKAGING

Quart, 1 gallon, 5 gallon, 30 gallon or 50 gallon containers



STORAGE OF INK CONTAINERS

65° to 90°F (18° to 32°C)
Avoid storage in direct sunlight
Keep containers well sealed



MSDS

Refer to [MSDS8](#)

FEATURES

7031 Ultra White™ is a high performance, high pigment, fast flashing, low tack, non-phthalate plastisol screen printing ink.

7031 Ultra White™ is very creamy, short bodied, and very opaque, resulting in excellent coverage on dark garments.

Formulated for high definition and resolution, fine detail and halftone printing.

SPOT FLASHING

This product will spot dry, with a very low after flash tack. Dwell time is dependent 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 be just dry to the touch, with no lift-off, but not totally fused. Totally fusing the underprint white may cause inter-coat adhesion problems with the inks printed on top of the white ink. Final fusing or curing should occur in the dryer.

IMPORTANT INFORMATION

7031 Ultra White™ offers some bleed resistance, but it is 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.

Adjust squeegee pressure, angle and off-contact to insure proper shear and laydown of printed ink. Excessive squeegee pressure will drive 7031 Ultra White™ through the fabric being printed, making the ink look less opaque. Proper settings of squeegee, flood bar and off-contact will improve performance, improve screen life and squeegee durability.

7031 Ultra White™ 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 reduced ink usage and faster production times, a real money saver. Using finer mesh counts also means a softer hand on the finished product.

Adding any reducers or additives can lower the bleed resistance, opacity or increase cure times of the ink. **STIR** the ink prior to printing on press and after addition of reducers or additives.

Test dryer temperatures and wash test printed product before and during a production run.

LEGAL DISCLAIMER

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