



RECOMMENDED FABRICS

100% Cotton*
50/50 Cotton/Polyester Blends
Polyester*
Nonwoven Polypropylene Bags (NPB)*



INK APPLICATION

Cool White™ 7022 should be used right from the container without any modifications



ADDITIVES

If modification is necessary, add 1% to 10% by weight of 1099 Low Bleed Curable Reducer



SCREEN MESH

60-230 t/in (24-90 t/cm)
monofilament



EMULSION

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



SQUEEGEE

65-75 Durometer
Sharp edge



CURE TEMPERATURES

275°F to 325°F (135°C to 163°C) the entire ink film. Fusing at lower temperatures may require a longer dryer retention time



CLEAN-UP

Any eco-friendly plastisol screen wash



PRODUCT PACKAGING

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
Heat sensitive product



SDS

Refer to SDS prior to use

FEATURES

Cool White™ 7022 is a low bleed, fast flashing, low tack, flexible curing, non-phthalate plastisol screen printing ink.

Cool White™ has a creamy viscosity with a great body, making the ink suitable for printing on auto and manual presses.

Cool White™ offers superior performance over a wide range of substrates, including standard textiles along with hard to print promotional items.

SPOT DRYING

Cool White™ 7022 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 will occur in the dryer.

IMPORTANT INFORMATION

Cool White™ 7022 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 used before beginning production. It is best to do some long term testing on fabrics to determine if they are going to bleed. Bleeding or dye migration may not occur right away.

Cool White™ was formulated to make printing opaque white easy. Hand printing is less tiring because less squeegee pressure is needed. The result is increased operator performance. Automatic equipment can be adjusted to lower squeegee pressure settings, thus improving screen life, squeegee durability, and overall print quality.

Cool White™ is part of the FlexCure™ line of products, which gives you a flexible curing range. Cool White™ can be cured from 275°F to 325°F (135°C to 163°C), giving the operator greater flexibility and energy savings.

Cool White™, compared to other opaque whites, prints so easily you will find that a finer screen mesh can be used with the same opacity as a lower, more open mesh. This means less ink will be used; a real money saver in terms of ink usage and cost per print. It also means a softer hand on flashed fabrics.

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

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

*Do not hot stack cotton shirts, test bleed resistance on polyester, and on NPB wait 24 hours before scratch testing.

LEGAL DISCLAIMER

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