

FEATURES

- 7050* Opaque Base increases opacity of mixed colors.
- Can be mixed with Color Concentrates to match almost any color.
- Fast shearing action for higher press speeds.
- Exhibits an extremely short body for easy printing without build-up.

*Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	100% cotton and some light colored cotton/polyester blends and some 100% polyester. Always test print fabric for adhesion and possible dye migration before beginning a production run.
INK APPLICATION	7050 Opaque Base is formulated as a press-ready plastisol base for mixing colors and printing on 100% Cotton or over a low bleed underlay when printing on poly/cotton blends. Mix 7400 Color Concentrates with 7050 and print through mesh ranges from 86 - 280 t/in or 34 - 110 t/cm.
SCREEN MESH AND EMULSION	60-230 t/in or 24-90 t/cm Monofilament Any direct or indirect solvent 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	325°F (163°C) entire ink film. Fusion temperature may vary, depending on which inks 7050 Opaque Base is mixed with. Since plastisols do not air dry, they must be fused with an appropriate heat source in order to achieve durability. The optimum time/temperature cycle will vary with the amount of ink deposited, fabric and the type of heat source used. Test dryer temperatures and wash test printed product before and during a production run.
CLEAN-UP	Environmentally friendly plastisol screen wash or mineral spirits.
PRODUCT PACKAGING	5 Gallon Pails, 30 or 50 Gallon Fiber Drums
STORAGE OF INK CONTAINERS	Keep inks 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 under extreme temperature conditions.
PRODUCT MSDS	Refer to material safety data sheet 7050-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 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

1. Adding more 7050 base to any finished color can reduce the color strength of the ink.
2. 7050 may be used with other color systems, provided that proper print testing is done prior to actual production run.
3. 7050 Opaque Base is not a low bleed plastisol and is not recommended for use on poly/cotton or 100% poly fabrics that may be prone to dye migration.

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7050 OPAQUE BASE