International Coatings™
Creating Performance Solutions

7040 Blocker Gray™

FEATURES

- 7040 LF* Blocker Gray bleed resistant under base ink.
- Excellent low bleed properties.
- Use to help block dye migration on problem fabrics that contain polyester.
- High Pigmented, very opaque ink.
- Phthalate Free product.
- Very creamy, short bodied ink, with low tack for ease of printing.
- For use on 100% polyester or cotton/polyester blends.

*LF (Lead Free) Contains less than 0.025% lead.

Application & Storage Information	
RECOMMENDED FABRICS	100% polyester or cotton/polyester blends. Use as an under base for printing on dark or light colored polyester fabrics.
INK APPLICATION	Blocker Gray™ must be printed without any modifications in order to maintain the best bleed resistance of the product. Thinning of this product is not recommended.
SCREEN MESH AND EMULSION	83 to 160 t/in or 32 to 63 t/cm Monofilament Any direct or indirect lacquer resistant emulsion. 100 to 200 Micron Capillary Film
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. Test dryer temperatures and wash test printed product before and during a production run.
CLEAN-UP	Any environmentally friendly plastisol screen wash.
PRODUCT PACKAGING	1 Gallon, 5 Gallon, or 30 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

MODIFYING INK

Modification of the 7040 LF Blocker Gray™ is not recommended as any modification to the ink may lessen the bleed resistance of this product. Always test for wash fastness before beginning a production run.

SPOT FLASHING

7040 LF Blocker Gray™ will spot dry, with very low after flash-tack, in 3 to 8 seconds depending on the spot dryer used. Too much heat / time may cause the ink to become sticky after flashing. Adjust flash unit accordingly. When spot drying, the ink should be just dry to the touch, with no lift off, but not totally fused. Totally fusing the ink may cause inter-coat adhesion problems with the inks printed on top of the flashed ink. Final curing / fusing should occur in the dryer.

BLEED RESISTANCE

7040LF Blocker Gray™ is formulated to give maximum bleed resistance when printing on 100% polyester or cotton/ polyester blends. Blocker Gray™ should help to prevent dye migration or bleeding on most fabrics when used as directed. In testing, even the use of cotton white inks printed on top of the 7040LF Blocker Gray™, have not shown bleeding or dye migration when used on polyester fabrics.

IMPORTANT INFORMATION

1. 7040 LF Blocker Gray™ is a maximum bleed resistant ink, but on some problem fabrics it may be possible for bleeding or dye migration to occur. Always test for possible dye migration before beginning a production run. Bleeding or dye migration may not occur right away.
2. Always stir the 7040LF Blocker Gray™ before using.
3. It is very important that 7040LF Blocker Gray™ is exactly registered with any white or other color that is printed on top of the Blocker Gray™ in order to help insure maximum bleed resistance of the top color. If the color printed on top of Blocker Gray™ overlaps the Blocker Gray™ in any spot, that spot may show bleeding or dye migration.
4. Use an opaque ink or heavier ink deposit on top of the Blocker Gray™ to cover the Blocker Gray™ properly.
5. t is extremely important to keep 7040 Blocker Gray™ from getting too hot in storage. Temperatures above 90°

7040 Blocker Gray™

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