



RECOMMENDED FABRICS
50/50 Cotton/Polyester Blends
100% Polyesters



INK APPLICATION
Guardian Gray™ 7043 must be printed without any modifications in order to maintain the best bleed resistance of the product



ADDITIVES
Not recommended



SCREEN MESH
83 - 160 t/in (32-63 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-325°F (135°C-163°C)
entire ink film and dependent on top coat used



CLEAN-UP
Any eco-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°C to 32°C) Avoid storage in direct sunlight Keep containers well sealed



SDS
Refer to SDS prior to use

FEATURES

Guardian Gray™ 7043 blocks dye migration on problem fabrics that contain polyester, including sublimated dyed fabrics.

Guardian Gray™ 7043 can take a variety of top coats depending on application; from low cure products to regular temperature curing products.

Guardian Gray™ 7043 offers superior bleed resistant properties, but on some problem fabrics it may be possible for bleeding or dye migration to occur.

SPOT FLASHING

Guardian Gray™ 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 may cause inter-coat adhesion problems with the inks printed on top. Final fusing or curing should occur in the dryer.

IMPORTANT INFORMATION

Always test for possible dye migration before beginning a production run. Bleeding or dye migration may not occur right away.

It is very important that Guardian Gray™ 7043 be exactly registered with any white or other color that is printed on top of the Guardian Gray™ in order to help insure maximum bleed resistance of the top color. If the color printed on top of Guardian Gray™ overlaps the Guardian Gray™ in any spot, that spot may show bleeding or dye migration. Adding any reducers or additives can lower the bleed resistance, opacity or increase cure times of 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.

NOTE: FOR BEST RESULTS

For best print and blocking results, print two passes of Guardian Gray™ 7043 through a 110 mesh screen. Then in sequence, Print-Flash-Print-Top Coat using a low bleed white ink or other type of low bleed performance ink.

DISCLAIMER

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