

technical datasheet

Polyester Low-Bleed Plastisol (Poly-1050)

[Updated: September 2011]

A high-opacity, low-bleed plastisol for 100% polyester athletic uniforms.

Feature

- Prints easily on manual and automatic presses
- Excellent opacity
- Superior bleed resistance
- Excellent durability

Application

- Direct print low-bleed white for controlling dye migration on 100% polyester fabrics
- Athletic uniforms or any nasty bleeding fabrics

General Information

Polyester low-bleed plastisols (POLY) are Union's ultimate high-opacity low-bleed plastisols formulated to fight dye migration on the nastiest, bleeding 100% polyester athletic uniforms or other synthetic substrates prone to dye migration. It's formulated to provide excellent printing characteristics and is designed for both manual and automatic printing.

Opacity

Polyester low-bleed plastisols are high-opacity, low-bleed inks.

Mesh

Print through 74T-110T (29-34 metric) monofilament polyester. For maximum opacity use 62T (24 metric).

Stencils

Any direct emulsion or capillary film compatible with plastisol inks.

Additives

Polyester low-bleed plastisols are supplied ready to print. Since plastisol inks "body up" as they sit in the container you should always stir the ink well to determine the actual printing viscosity before adding any reducer. The viscosity of Polyester low-bleed plastisol has been carefully formulated to sit on top of the fabric when printed. Reducing may cause the ink to penetrate into the fabric affecting coverage. Never add mineral spirits to any plastisol ink.

Printing Instructions

For the best coverage, bleed resistance and brightest print, adjust the off-contact distance and squeegee pressure to print the ink layer on top of the printed fabric rather than pushing the ink through it.

Curing Instructions

Plastisol inks will not air dry and must be heat cured. Polyester low-bleed plastisols will fully cure and withstand repeated washings when the entire ink deposit reaches 300°F (149°C).

Caution

Because of the thick ink deposits required by athletic printers, Polyester Low-Bleed plastisols may require higher dryer temperatures or slower belt speeds for the ink deposit to reach the recommended curing temperature.

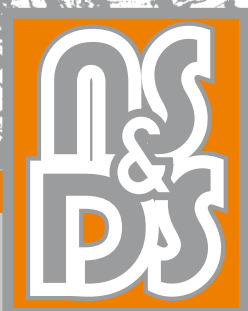
Always test suitability of the product before running production.

Disclaimer: This product is manufactured under laboratory supervision from the finest raw materials and we feel will perform exactly as represented. Due to production parameters beyond our control, NSDS does not offer any warranty, expressed or implied, on the use of this product. It is the printer's responsibility to test inks and substrates prior to any production run for suitability in the end use environment.

Keep away from heat and open flame. Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid prolonged breathing of vapour or spray mist. Keep container closed when not in use.



For more information on the products we offer, please visit www.nsd.co.za

**cape**

tel +27 21 551 3300
fax +27 21 551 1737
email infocpt@nsds.co.za

kwa-zulu natal

tel +27 31 569 1049
fax +27 31 569 1050
email infodbn@nsds.co.za

gauteng

tel +27 11 624 2642
fax +27 11 624 1601
email infojhb@nsds.co.za