

NPBR Series Bleed Resistant Plastisol for Nylon

Suitable for heat sensitive fabrics
Superior adhesion to nylon fabrics
Low-bleed, highly pigmented plastisol
Ideal for printing on bleed-prone textile substrates
Low-bleed property resists dye migration
Superb opacity for dark-colored backgrounds
Free of heavy metals, aromaticamines, formaldehyde derivatives

STOCK, END-USE: Acrylic, cotton, cotton blends, denim, nylon jackets, tote bags, garment materials.

DESCRIPTION: NPBR Series is a plastisol textile ink with an **exceptionally high level of adhesion** to hard-toprint fabrics such as nylon and other synthetics. NPBR Series provides unmatched color strength and opacity for printing on light and dark colored substrate backgrounds. NPBR Series is a single-package system, ready-to-print straight from the container **or may be catalyzed for special printing requirements.**

Note: Pre-test on actual substrate before any full production run, for dye bleeding, adhesion, wash fastness and other desired effects.

FINISH: Smooth, satin finish will usually result. Finish varies depending on substrate.

COLORS: Available in high-opaque and transparent colors.

COVERAGE: Approximately 700 to 900 square feet per gallon (67m² - 85m² per 3.78 Liters).

SCREEN FABRIC: Mesh counts up to 230 (92T European Mesh) monofilament polyester.

STENCIL: Dual-sensitized direct method photo emulsion or SBQ presensitized photo emulsion or equivalent. Also, any solvent-resistant film or photo emulsion.

CURE: Heat-cure to ensure maximum adhesion, for one or two minutes at 275°F (135°C). NPBR Series are very sensitive to heat.

MODIFICATIONS: To extend color or reduce pigmentation, add NPBR081 Clear Extender Base (especially when printing on white fabrics). **To reduce viscosity with RE701 or RE703, add 5% or less (by weight of ink). Do not exceed recommended amount.**

SPECIAL INSTRUCTIONS: When printing textiles, use a medium hard (70-75 durometer) squeegee. **Plastisols respond to heat. Always store at temperatures below 85°F (29°C). Avoid exposing inks to elevated temperatures before printings.**

CLEAN UP: Use T-125 or CRS 500 Biodegradable Washup.

PACKAGING: 1- quart (0.945 Liter), 1-gallon (3.78 Liters), 5-gallon (18.9 Liters) containers. Drums available in 30-gallon (113.4 Liters) and 55-gallon (207.9 Liters).

SAFETY & HANDLING: Refer to Material Safety Data Sheet (MSDS) for complete information.

COLOR RANGE:

All colors are formulated using nonleaded pigments.

BLEED RESISTANT HIGH OPAQUE COLORS

NPBR 018 Opaque White
NPBR 021 Lemon Yellow
NPBR 022 Chrome Yellow
NPBR 023 Golden Yellow
NPBR 024 Athletic Gold
NPBR 026 Burnt Orange
NPBR 031 Bright Green
NPBR 032 Kelly Green
NPBR 041 Royal Blue
NPBR 045 Navy Blue
NPBR 058 Flag Red
NPBR 071 Black
Other colors are available upon request.

MODIFIERS:

NPBR 081 Extender Base
RE 701 Plastisol Reducer
RE 703 Quick Flash Reducer

SOLVENT

T-125 Washup
CRS 500 Biodegradable Washup



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