

NP Series Plastisol for Nylon

Superior adhesion to nylon fabrics
Excellent opacity on dark and light color backgrounds
Outstanding flexibility and film strength
Free of heavy metals, aromaticamines, formaldehyde derivatives

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

DESCRIPTION: NP Series is a plastisol textile ink with an **exceptionally high level of adhesion** to hard-to-print fabrics such as nylon and other synthetics. NP Series provides unmatched color strength and opacity for printing on light and dark colored substrate backgrounds. NP 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, stain 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). **NP Series are very sensitive to heat.**

MODIFICATIONS: To extend color or reduce pigmentation, add NP081 Clear Extender Base (especially when printing on white fabrics). For printing fine details, add NP850 Halftone Base. When mixing metallic powders, use NP078 Clear Metallic Base. **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 CRS500 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.

High Opaque Plastisol

NP 018 - Opaque White
NP 021 - Lemon Yellow
NP 022 - Chrome Yellow
NP 023 - Golden Yellow
NP 024 - Athletic Gold
NP 026 - Burnt Orange
NP 031 - Bright Green
NP 032 - Kelly Green
NP 041 - Royal Blue
NP 045 - Navy Blue
NP 058 - Flag Red
NP 071 - Black

Transparent

NP 207 - Process Yellow
NP 459 - Process Blue (Cyan)
NP 586 - Process Red (Magenta)
NP 698 - Process Black

MODIFIERS:

NP078 - Clear Metallic Base
NP081 - Extender Base
NP850 - Halftone Base
RE701 - Plastisol Reducer
RE703 - Quick Flash Reducer

SOLVENT

T-125 Washup
CRS500 Biodegradable washup.



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