

# NPFA Series Plastisol for Flock

Superior adhesion for Flock Material

Excellent opacity on dark and light color backgrounds

Outstanding flexibility and film strength

Free of heavy metals, aromaticamines, formaldehyde derivatives

**STOCK, END-USE:** Flock  
Application to cotton, cotton blends, synthetic fabrics.

**DESCRIPTION:** NPFA Series is a plastisol textile ink with an exceptionally high level of adhesion to flock fabrics. NPFA Series provides unmatched color strength and opacity for printing on light and dark colored substrate backgrounds. NPFA 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 (67m<sup>2</sup> -85m<sup>2</sup> 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). **NPFA Series are very sensitive to heat.**

**MODIFICATIONS:** To extend color or reduce pigmentation, add NPFA081 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 (129°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.

## HIGH OPAQUE COLORS

NPFA 018 Opaque White  
NPFA 021 Lemon Yellow  
NPFA 022 Chrome Yellow  
NPFA 023 Golden Yellow  
NPFA 024 Athletic Gold  
NPFA 026 Burnt Orange  
NPFA 031 Bright Green  
NPFA 032 Kelly Green  
NPFA 041 Royal Blue  
NPFA 045 Navy Blue  
NPFA 058 Flag Red  
NPFA 071 Black  
NPFA 080 Clear Base  
Other colors are available upon request.

## MODIFIERS:

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

## SOLVENT

T-125 Washup  
CRS 500 Biodegradable Washup



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