

ST Series Plastisol for Spandex

Excellent adhesion for foil
Superior adhesion to spandex fabric
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 and spandex fabric.

DESCRIPTION: ST Series is a plastisol textile ink with an exceptionally high level of adhesion and stretch to synthetic fabrics. ST Series provides unmatched color strength and opacity for printing on light and dark colored substrate backgrounds. ST 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). □
ST Series are very sensitive to heat.

MODIFICATIONS: To extend color or reduce pigmentation, add ST081 Clear Extender Base (especially when printing on white fabrics). When mixing metallic powders, use ST 078 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 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

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

MODIFIERS:

ST 078 Clear Metallic Base
ST 081 Extender Base
RE 701 Plastisol Reducer
RE 703 Quick Flash Reducer

SOLVENT

T-125 Washup
CRS 500 Biodegradable washup



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