

PC Series Process Plastisol

Superior quality four-color process plastisol
Achieves accurate 4-color process halftone reproductions
Excellent Screenability through the finest mesh
Outstanding color strength
Free of heavy metals, aromaticamines, formaldehyde derivatives

STOCK, END-USE: Cotton, 50/50 cotton/polyester blends, and some synthetics.

DESCRIPTION: Excellent color reproduction and print quality in 4-color process halftone printing are easily achieved with PC Plastisol ink. These finely milled process colors permit the ink to pass through a fine mesh count without clogging during production, while maintaining excellent color strength with minimal deposit.

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

FINISH: Satin. (Finish varies depending on substrate being printed.)

COLORS: Permanent transparent colors; all formulated using non-leaded pigments.

SCREEN FABRIC: Mesh counts up to 355 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/DRYING: Heat-cure at 320°F (160°C) for 2 to 3 minutes.
Will not air-dry.

MODIFICATIONS: PC Plastisol may be extended as need with PC850 Halftone Base. For most process applications, to reduce viscosity with RE701 Reducer, add 5-7% (by weight of ink).

SPECIAL INSTRUCTIONS: When printing textiles, use a medium hard (70-75 durometer) squeegee.

Plastisols respond to heat. Always store at temperatures below 90°F (32°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 Date Sheet (MSDS) for complete information.

COLOR RANGE:

All colors are formulated using nonleaded pigments.

PC-207 - Process Yellow
PC-456 - Process Blue (Cyan)
PC-586 - Process Red (Magenta)
PC-698 - Process Black

MODIFIERS:

PC850 - Halftone Base
RE701 - Plastisol Reducer
RE702 - Curable Reducer

SOLVENT

T-125 Washup
CRS500 Biodegradable washup.



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