

PTM Pantone® Matching System Plastisol

High-quality mix and match transparent colors

Ideal for printing on white and light-colored garments

Achieves outstanding washability Simple and easy-to-use mix and match system

Free of heavy metals, aromaticamines, formaldehyde derivatives

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

DESCRIPTION: PTM Series is a single-pigmented plastisol available in 10 transparent colors formulated for easy color mixing and matching. All PTM colors have the same characteristics as standard HO series with the exception of opacity. It is compatible with most plastisol modifiers and additives.

PTM Series must be printed on a white background for accurate color reproduction.

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

FINISH: Satin. cures to a durable soft-hand. (Finish varies depending on the substrate and ink being used.)

COLORS: Available in 10 concentrated, transparent colors; formulated using non-lead pigments.

COVERAGE: Approximately 550-650 square feet per gallon (52m² -61m² per 3.78 liters).

SCREEN FABRIC: Mesh counts up to 160 (64T European Mesh) monofilament polyester. When using 230 (92T European Mesh) or higher mesh counts, PTM Series should be extended.

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

DRYING: Heat-cure at approximately 320° F (160° C) for 2 to 3 minutes. Will not air-dry.

MODIFICATION: When using any of the PTM colors singularly, a 15 to 20% (by weight of ink) addition of PTM 928 Extender Base is required.

Note: PTM Series are concentrated colors which must be extended with PTM 928 prior to use. Follow recommended proportion above. PTM 928 is also used for extending ink mileage or reducing pigmentation as desired. For printing fine details or halftones, add PC 850 Halftone Base.

To reduce viscosity with RE701 or RE703 Reducer (use only when necessary), add 5% or less (by weight of ink). Also, RE702 can be added up to 30% (by weight of ink) if color shade is not crucial.

SPECIAL INSTRUCTIONS; When printing textiles, use a medium hard (70-75 durometer) squeegee. Printing slightly off-contact improves ink deposit and print quality.

Plastisols respond to heat. store at temperatures below 90° F (32° 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 nonlead pigments, unless otherwise noted.

PTM 916 Matching White
PTM 917 Matching Yellow
PTM 918 Matching Green
PTM 919 Process Blue
PTM 920 Reflex Blue
PTM 921 Violet
PTM 922 Orange
PTM 923 Warm Red
PTM 924 Rubine Red
PTM 925 Rhodamine Red
PTM 926 Matching Purple
PTM 927 Matching Black
PTM 928 Matching Base

MODIFIERS:

PC 850 Halftone Base
RE 701 Plastisol Reducer
RE 702 Curable Reducer
RE 703 Quick Flash Reducer

SOLVENTS:

T-125 Washup
CRS 500 Biodegradable washup



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