

# HO Series High Opaque Plastisol

General purpose, highly-pigmented plastisol  
One ink for many textile printing applications  
Compatible with most plastisols and additives for easy modification  
Ideal for printing on dark-colored garments  
Free of heavy metals, aromaticamines, formaldehyde derivatives

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

**DESCRIPTION:** HO series is popularized for its consistent high-opaque print results on dark and light colored textiles. It has a formulation compatible to most plastisol additives for quick and easy modification in many textile applications. HO series is ready-to-use straight from the container, or can be extended up to 50% for light color applications. Note: HO colors do not contain bleed inhibitors. When bleed resistance is the utmost concern, use BR (Bleed Resistance) series.

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

**FINISH:** Durable, soft-hand.

**COLORS:** All available colors are superbly high-opaque.

**COVERAGE:** Approximately 550-650 square feet per gallon (52m<sup>2</sup>-61m<sup>2</sup> 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, HO series should be extended.

**STENCIL:** Dual-sensitized direct method photo emulsion or SBQ pre-sensitized photo emulsion or equivalent. Any solvent-resistant film or photo emulsion.

**CURE/DRYING:** Heat-cure at approximately 320°F (160°C) for 2 to 3 minutes. Will not air-dry. Fast Flash White responds to heat faster than regulars.

**MODIFICATION:** To extend colors and increase soft-hand finish, add GP080 or GP081 Clear Extender Base. For printing details and fine lines, use PC850 Halftone Base. For mixing with glitter or metallic powder, use GP078 or GP079 Clear Metallic 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. 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-1 25 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 non-lead pigments.

## Opaque

HO 014 - High Opaque White  
HO 015 - High Opaque FF White  
HO 020 - Primrose Yellow  
HO 021 - Lemon Yellow  
HO 022 - Chrome Yellow.  
HO 023 - Golden Yellow  
HO 024 - Athletic Gold  
HO 025 - Bright Gold  
HO 026 - Burnt Orange (Y)  
HO-027 - Orange (R)  
HO 030 - Light Green  
HO 031 - Bright Green  
HO 032 - Kelly Green  
HO 033 - Dallas Green  
HO 038 - Turquoise  
HO 039 - Bright Ultramarine Blue  
HO 040 - Light Royal Blue  
HO 041 - Royal Blue  
HO 042 - Sky Blue  
HO 043 - Bright Blue  
HO 044 - Light Blue  
HO 045 - Navy Blue  
HO 046 - Light Navy Blue  
HO 049 - Purple  
HO 050 - Light Purple  
HO 051 - Cardinal Red  
HO 052 - Bright Red  
HO 056 - Scarlet Red  
HO 058 - Flag Red  
HO 059 - Maroon  
HO 060 - Light Maroon  
HO 064 - Tan  
HO 065 - Light Brown  
HO 066 - Dark Brown  
HO 071 - Black

## MODIFIER:

GP078 - Clear Metallic Base (Medium Viscosity)  
GP079 - Clear Metallic Base (Soft Viscosity)  
GP080 - Soft-Hand Base (Medium Viscosity)  
GP081 - Extender Base (Soft Viscosity) .  
PC850 - Halftone Base  
RE 701 - Plastisol Reducer  
RE 702 - Curable Reducer  
RE 703 - Quick Flash Reducer

## SOLVENT:

T-125 Washup  
CRS500 Biodegradable Washup.



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