



# 7600 SERIES DIRECT PRINT PLASTISOL INKS



## RECOMMENDED FABRICS

100% Cotton  
50/50 Cotton/Polyester Blends

## INK APPLICATION

7600 Series Colors should be printed without any modifications

## ADDITIVES

If modification is necessary, use 1% to 3% by weight of 1110 Curable Reducer for the standard inks and 1099 Low Bleed Curable Reducer for the HP inks

## SCREEN MESH

110-305 t/in (43-120 t/cm)  
monofilament

## EMULSION

Any direct or indirect emulsion or capillary film in the 35 to 70 micron range

## SQUEEGEE

65-70 Durometer  
Sharp edge

## CURE TEMPERATURES

325°F (163°C) entire ink film

## CLEAN-UP

Any eco-friendly plastisol screen wash

## PRODUCT PACKAGING

Quart, 1 gallon, 5 gallon, 30 gallon or 50 gallon containers

## STORAGE OF INK CONTAINERS

65° to 90°F (18°C to 32°C)  
Avoid storage in direct sunlight  
Keep containers well sealed

## MSDS

Refer to MSDS8



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## FEATURES

7600 Series Direct Print Plastisol Inks consists of 28 non-phthalate, high performance colors, formulated for ultra high speed wet-on-wet automatic printing.

The 7600 Series Direct Print Plastisol Inks offer superior performance through fast production speeds, good opacity, and wide range of popular colors.

Well suited for fine detail and halftone printing using finer mesh counts.

## COLORS

7602 Super Light Gold	7624 Light Royal	7660 Columbia Blue
7604 Rebel Red	7626 Bright Orange	7666 Royal Blue
7606 National Red	7627 Golden Yellow	7668 Navy Blue
7608 Bear's Navy	7628 Super Drake Red	7673 Kelly Green
7610 Dark Navy	7630 Dark Gray	7681 Vegas Gold
7616 Graphics Purple	7632 Light Gray	7684 Texas Orange
7617 Low Build Black	7637 Pink	7689 Chocolate Brown
7618 Island Blue	7646 Scarlet	7607 HP Low Bleed Golden Yellow*
7620 Clockwork Orange	7656 Maroon	7697 HP Low Bleed Gold*
7623 Lemon Yellow		

\* High Pigment (HP)

## SPOT FLASHING

The 7600 Series inks will spot dry, with a very low after flash tack. Dwell time is dependent on the spot dryer used. In some cases, you may have to lower the heat of the spot cure unit because too much heat may actually make the ink tacky. When you spot dry, you are only partially fusing or gelling the surface of the ink. The ink should be just dry to the touch, with no lift-off, but not totally fused. Total fusing of any flashed color may cause inter-coat adhesion problems with the inks printed on top of the flashed ink. Final fusing or curing should occur in the dryer.

## IMPORTANT INFORMATION

Use an underbase print when printing 7600 Series inks onto dark fabrics. Use 711, 7014, 7031 or 7041 white as an underbase ink. To achieve a softer hand and faster production speeds, print underbase ink through finer mesh counts (230 to 305 t/in or 90 to 120 t/cm mesh).

Adding too much reducer or other additives to the 7600 Series inks may cause curing/fusing or increased dye migration problems.

Excessive squeegee pressure will drive the 7600 Series inks through the fabric being printed. Adjust squeegee pressure, angle and off-contact to insure proper shear and lay down of printed ink.

Test dryer temperatures and wash test printed product before and during a production run.

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