



# UltraMix® PIGMENT DISPERSION COLOR SYSTEM



## RECOMMENDED FABRICS

100% Cotton  
50/50 Cotton/Polyester Blends  
Tri-Blends (Base Dependent)  
Nylon (Base Dependent)



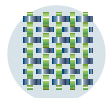
## INK APPLICATION

The Pigment Dispersion Color System should be used as is to make Pantone® colors - modification may be necessary to achieve a desired print effect



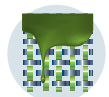
## ADDITIVES

Not required for matching Pantone® colors in the Pigment Dispersion Color System, but may be added to make custom embellishments



## SCREEN MESH

25-305 t/in (10-120 t/cm)  
monofilament - depending on desired effect and printing parameters



## EMULSION

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



## SQUEEGEE

50-80 Durometer - depending on desired effect and printing parameters



## CURE TEMPERATURES

325°F (163°C) entire ink film, base dependent



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



## SDS

Refer to SDS prior to use

## FEATURES

UltraMix® Pigment Dispersion (PD) Color System consists of 19 non-phthalate, intermixable, high performance pigment dispersions along with 2 mixing bases, that can be used to strengthen, shade, enhance or make Pantone® colors.

Create special or standard colors by mixing the Pigment Dispersions with compatible International Coatings' bases. UltraMix® Pigment Dispersions can also be used with International Coatings' UltraMix® Pantone® color matching software, either online or on the desktop version.

## COLORS

PD03 Yellow	PD17 Green	PD25 Fluorescent Green
PD05 Scarlet	PD36 Black	PD27 Fluorescent Yellow
PD07 Red	PD38 White	PD29 Fluorescent Lemon
PD09 Violet	PD19 Fluorescent Magenta	PD31 Fluorescent Orange
PD11 Marine Blue	PD21 Fluorescent Violet	PD33 Fluorescent Pink
PD13 Blue A (GS)	PD23 Fluorescent Blue	PD35 Fluorescent Red
PD15 Blue B (RS)		

## PD SYSTEM BASES

PD01 Mixing Base  
PD51 Matte Mixing Base  
7000 Med Mixing Base  
7501 Clean Mixing Base

## COMPATIBLE BASES\*

141 High Density Base  
159 Ultra Clear Glitter Base  
720 Softhand Clear Base  
3810 BlowOut Base™  
3816 Senti Clear  
7100 Mixing Base  
7500 CC Mixing Base  
7550 CC Very Opaque Base  
9000 Clear Base

\*These bases may not yield exact UltraMix® Pantone® formulas. Some adjustment may be needed.

## IMPORTANT INFORMATION

In order to achieve the best color matching results using the UltraMix® Pigment Dispersion (PD) Color System, the specified system colors must be used. Using colors other than the specified PD's can produce inaccurate color matching results.

Colors produced using the UltraMix® Pigment Dispersion (PD) Color System will vary in opacity. Colors will reproduce best on white or light colored fabrics printed through a 156 t/in (62 t/cm) mesh screen. Colors may appear metameric (may not match well) when viewed under different types of lighting.

Use an underbase print when printing the Pigment Dispersion System onto dark fabrics. Use 711, 7014, 7031, 7038, 7041 or 7042 white as the underbase ink. To achieve a softer hand and faster production speeds, print the underbase ink through finer mesh counts (230 to 305 t/in or 90 to 120 t/cm mesh).

The Pigment Dispersions can be added to other bases to create your own custom colors and effects. The maximum amount of Pigment Dispersion that should be added into a finished colored ink is 10% by weight. The maximum addition into other compatible bases is 20% by weight. Always test first. Note that adding too much of the Pigment Dispersions or other reducers and additives to a non Pigment Dispersion System ink or base can possibly lead to crocking, poor bleed resistance or change in curing/fusing parameters.

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

## LEGAL DISCLAIMER

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