



UltraMix® PIGMENT DISPERSION COLOR SYSTEM



RECOMMENDED FABRICS

100% Cotton
50/50 Cotton/Polyester Blends



INK APPLICATION

The Pigment Dispersion Color System should be used without any modifications to make Pantone® colors



ADDITIVES

Not recommended for matching Pantone® colors in the Pigment Dispersion Color System



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, 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



MSDS

Refer to MSDS8 for the bases
Refer to MSDS-PD for the pigments



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www.atlasscreensupply.com

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

COMPATIBLE BASES*

141 High Density Base
3816 Senti Clear

7100 Mixing Base
9000 Clear Base

*May not match the UltraMix® Pantone® formulas exactly. 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 primaries must be used. Using colors other than the specified primaries will produce inaccurate 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. Colors may appear metameric (not match well) when viewed under different types of lighting.

Adding too much reducer or other additives to the Pigment Dispersion System may cause curing/fusing issues or increase dye migration.

Use an underbase print when printing the Pigment Dispersion System onto dark fabrics. Use 711, 7014, 7031 or 7041 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 maximum amount of the Pigment Dispersion that should be added into a finished ink is 10% by weight. The Pigment Dispersions can be added to other bases to create your own custom colors or effect. The maximum addition into other bases is 20% by weight. Always test first. Note that adding too much of the Pigment Dispersions to another ink can possibly lead to crocking, poor bleed resistance or change in the curing/fusing parameters.

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

LEGAL DISCLAIMER

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