

# DuPont™ Artistri® Brite P6000 Series Ink

Direct to Garment Pigment Ink

This ink is specially developed for direct-to-garment digital printing on cotton or cotton rich blends for a wide variety of apparel and specialty applications.

The brilliant aqueous-based ink is designed to work in printers with high-viscosity piezo-electric printheads and is suitable for high quality sampling, strike offs, and production printing.

## Application Properties

DuPont Artistri® Brite P6000 Series Ink is formulated with proprietary DuPont dispersion and polymer technology and is compatible with industry standard heat tunnel for drying and curing.

The ink and pretreatment are integrated into a matched system that works together for optimum throughput and results.

## Printhead Compatibility

DuPont Artistri® Brite P6000 Series Ink is compatible with the following industrial piezo-electric printheads:

- Ricoh Gen 4 (MH2420)
- Ricoh Gen 4L (MH2620/MH2820)
- Ricoh Gen 5E (MH5421/MH5441)
- Ricoh Gen 5F (MH5421F)
- Ricoh GH2220

## Commercial Supply

DuPont Artistri® Brite P6000 Series Ink ink is supplied in 2 liter bottles, 2x10 liter bottles or 200 liter drums.

Available only to Authorized Distributors of DuPont™ Artistri® Ink.

## Storage\*\*

The ink should be stored in a clean, dry area with temperature controlled between 10 – 40 °C (50 – 104 °F).

## Ink Color and Product Numbers

Ink Color	Product Number
Cyan	P6100
Light Cyan	P6150
Magenta	P6200
Warm Magenta	P6210
Light Magenta	P6250
Yellow	P6300
Black	P6400
Red	P6500
Orange	P6600
Green	P6750
White	P6900
Pretreatment* for dark/colored knit cotton	P5003
Pretreatment for white knit cotton	P5010

\*Pretreatment for use only with Color P6900 White Ink.



# DuPont™ Artistri® Brite P6000 Series Ink

Direct to Garment Pigment Inks

## Ink Type

DuPont Artistri® Brite P6000 Series Direct to Garment Pigment Ink

## Print Resolution

600 x 900 dpi, 100% Ink Coverage






## Fabric Type

Dark/Colored Knit Cotton

## Pre-Treatment

DuPont™ Artistri® Brite P5003

The following data represents results of internal testing performed with the specified ink, fabric and print resolution. Results in actual end uses may vary, depending upon the particular conditions of use.

Test Name	Test Number ID / Curing Method	Cyan P6100 	Magenta P6200 	Yellow P6300 	Black P6400 	White P6900 
<b>Wash Fastness over white base</b>	ISO 105-C06					
	Heat Press	4.5	4.5	4	3	
	Tunnel Dryer	4	4.5	4	4.5	
<b>Light Fastness</b>	ISO 105 B-02	8	5	6	8	
<b>White Point (L* White Ink)</b>	Spectral Measurement					
	Heat Press					94
	Tunnel Dryer					94
<b>Acid Perspiration</b>	ISO105-E04					
Shade Change	Heat Press	4.5	4.5	4.5	4	
Color Transfer	Heat Press	5	4.5	5	4.5	
Shade Change	Tunnel Dryer	4.5	4.5	4.5	4.5	
Color Transfer	Tunnel Dryer	5	5	5	3.5	
<b>Alkali Perspiration</b>	ISO 105-E04					
Shade Change	Heat Press	4	4	4.5	3.5	
Color Transfer	Heat Press	5	4.5	5	4.5	
Shade Change	Tunnel Dryer	4.5	4	4.5	4	
Color Transfer	Tunnel Dryer	4.5	4.5	5	3	

# DuPont™ Artistri® Brite P6000 Series Ink

Direct to Garment Pigment Inks

## Ink Type

DuPont Artistri® Brite P6000 Series Direct to Garment Pigment Ink

## Fabric Type

White Knit Cotton

## Print Resolution

600 x 900 dpi, 100% Ink Coverage

## Pre-Treatment

DuPont™ Artistri® Brite P5010

The following data represents results of internal testing performed with the specified ink, fabric and print resolution. Results in actual end uses may vary, depending upon the particular conditions of use.

Test Name	Test Number ID/Curing Method	Cyan P6100 ■	Magenta P6200 ■	Yellow P6300 ■	Black P6400 ■
<b>Wash Fastness</b>	ISO 105-C06				
	Heat Press	4.5	2.5	4	4
	Tunnel Dryer	4.5	3.5	4	4.5
<b>Light Fastness</b>	ISO 105 B-02	5	3	5	8
<b>Acid Perspiration</b>	ISO105-E04				
	Shade Change	Heat Press	4.5	4.5	4.5
Color Transfer	Heat Press	4.5	4.5	4.5	4.5
Shade Change	Tunnel Dryer	5	4	4.5	4
Color Transfer	Tunnel Dryer	4.5	4.5	4.5	4.5
<b>Alkali Perspiration</b>	ISO 105-E04				
	Shade Change	Heat Press	4.5	4.5	5
Color Transfer	Heat Press	4.5	4.5	4.5	4.5
Shade Change	Tunnel Dryer	4.5	4.5	4.5	5
Color Transfer	Tunnel Dryer	4.5	4.5	4.5	4.5

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[Artistri.DuPont.com](http://Artistri.DuPont.com)

For more information on DuPont™ Artistri® or other DuPont products, please visit our website.

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