

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
- Fujifilm Dimatix StarFire SG1024-A

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/P6110
 Light Cyan	P6150
 Magenta	P6200/P6220
 Warm Magenta	P6210
 Light Magenta	P6250
 Yellow	P6310
 Black	P6400
 Orange	P6610
 Green	P6750
 White	P6910
 Pretreatment* for dark/colored knit cotton	P5003
 Pretreatment for white knit cotton	P5010

*Pretreatment for use only with Color P6910 White Ink.



DuPont™ Artistri® Brite P6000 Series Ink

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600 x 900 dpi, 100% Ink Coverage

Fabric Type

Dark/Colored Knit Cotton

Pre-Treatment

DuPont™ Artistri® Brite P5003

Print Resolution

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 ■	Magenta ■	Yellow ■	Black ■	White □
Wash Fastness over white base	ISO 105-C06					
	Heat Press	4.5	4.5	4	3	
	Tunnel Dryer	4	4.5	4	4.5	
Light Fastness	ISO 105 B-02	8	5	6	8	
White Point (L* White Ink)	Spectral Measurement					
	Heat Press					94
	Tunnel Dryer					94
Acid Perspiration	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	
Alkali Perspiration	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	

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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 ■	Magenta ■	Yellow ■	Black ■
Wash Fastness	ISO 105-C06				
	Heat Press	4.5	2.5	4	4
	Tunnel Dryer	4.5	3.5	4	4.5
Light Fastness	ISO 105 B-02	5	3	5	8
Acid Perspiration	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
Alkali Perspiration	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](https://www.Artistri.DuPont.com)

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

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