

# DuPont™ Artistri® Brite P5000 Series Ink

Direct to Garment Pigment Inks

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 low-viscosity piezo-electric printheads and is suitable for high quality sampling, strike offs, and production printing.

## Application Properties

DuPont™ Artistri® Brite P5000 series ink is formulated with the same colorants used in conventional textile printing and meets industry standard performance.

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

## Printhead Compatibility

DuPont™ Artistri® Brite P5000 ink is compatible with the following industrial piezo printheads:

- Epson DX-4
- Epson DX-5
- Epson DX-7

## Commercial Supply

DuPont™ Artistri® Brite P5000 ink is supplied in 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	P5100
Magenta	P5200
Yellow	P5300
Black	P5400
White	P5910
Pretreatment* for dark/colored knit cotton	P5003
Pretreatment for white knit cotton	P5010

\*Pretreatment for use only with Artistri® P5910 White Ink.



# DuPont™ Artistri® Brite P5000 Series Ink

Direct to Garment Pigment Inks

## Ink Type

DuPont™ Artistri® Brite P5000 Series Direct to Garment Pigment Ink

## Fabric Type

Dark/Colored Knit Cotton






## Print Resolution

600 x 900 dpi, 100% Ink Coverage

## 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. **For Heat Press Only.**

Test Name	Test Number ID / Curing Method	Cyan P5100 	Magenta P5200 	Yellow P5300 	Black P5400 	White P5910 
<b>Wash Fastness over white base</b>	ISO 105-CQ06	4.5	4	3	3.5	
<b>White Point (L* White Ink)</b>	Spectral Measurement					94
<b>Acid Perspiration</b>	ISO105-E04					
	Shade Change	5	4.5	4.5	5	
	Color Transfer	4.5	4.5	4	3	
<b>Alkali Perspiration</b>	ISO 105-E04					
	Shade Change	4.5	4.5	4.5	3.5	
	Color Transfer	4.5	4.5	4	2.5	

# DuPont™ Artistri® Brite P5000 Series Ink

Direct to Garment Pigment Inks

## Ink Type

DuPont™ Artistri® Brite P5000 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 P5100	Magenta P5200	Yellow P5300	Black P5400
<b>Wash Fastness</b>	ISO 105-C06				
	Heat Press	4	3.5	3	3.5
	Tunnel Dryer	4	4	4.5	4
<b>Acid Perspiration</b>	ISO105-E04				
Shade Change	Heat Press	4.5	5	4	4.5
Color Transfer	Heat Press	4.5	5	4.5	4.5
Shade Change	Tunnel Dryer	4.5	4.5	4.5	5
Color Transfer	Tunnel Dryer	4.5	5	4.5	5
<b>Alkali Perspiration</b>	ISO 105-E04				
Shade Change	Heat Press	5	4	4	4.5
Color Transfer	Heat Press	4.5	5	5	4.5
Shade Change	Tunnel Dryer	4.5	4.5	4.5	5
Color Transfer	Tunnel Dryer	4.5	5	4.5	4.5

# DuPont™ Artistri® Brite P5000 Series Ink

Direct to Garment Pigment Inks



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

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

The information provided in this data sheet corresponds to our knowledge on the subject at the date of its publication. It may be subject to revision as new knowledge and experience becomes available. This information is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. Since we cannot anticipate all variations in end-use and disposal conditions, DuPont makes no warranties and assumes no liability in connection with any use of this information. It is intended for use by persons having technical skill, at their own discretion and risk. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

DuPont™, the DuPont Oval Logo, and all products, unless otherwise noted, denoted with ™, ® or ® are trademarks, service marks or registered trademarks of affiliates of DuPont de Nemours, Inc. Copyright © 2019 DuPont de Nemours Inc. All rights reserved.

DI-NA0027-EN-PDS (09/19)