

DuPont™ Color E Series Ink

Direct to Garment Pigment Inks

This ink is specially developed for direct-to-garment or digital printing on cotton or cotton-rich blends for a wide variety of apparel and specialty applications. These aqueous-based inks are 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 Color E 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 Color E Series ink is compatible with the following industrial piezo-electric printheads:

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

Commercial Supply

DuPont Color E Series 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°C to 40°C.

Ink Color and Product Numbers

Ink Color	Product Number
■ Cyan	E10
■ Magenta	E20
■ Yellow	E30
■ Black	E40
□ White	E90
■ Pretreatment for dark/colored knit cotton	P5003
■ Pretreatment for white knit cotton	P5010



DuPont™ Color E Series Ink

Direct to Garment Pigment Inks

Ink Type

DuPont Color E 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.

Test Name	Test Number ID / Curing Method	Cyan E10 	Magenta E20 	Yellow E30 	Black E40 	White E90 
Wash Fastness over white base	ISO 105-CQ06	4.5	4	3	3.5	
Light fastness	ISO 105 B-02	5-6	5-6	6-7	6-7	
White Point (L* White Ink)	Spectral Measurement					94
Acid Perspiration	ISO105-E04					
	Shade Change	5	4.5	4.5	5	
	Color Transfer	4.5	4.5	4	3	
Alkali Perspiration	ISO 105-E04					
	Shade Change	4.5	4.5	4.5	3.5	
	Color Transfer	4.5	4.5	4	2.5	

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Ink Type

DuPont Color E 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 E10 	Magenta E20 	Yellow E30 	Black E40 
Wash Fastness	ISO 105-C06				
	Heat Press	4	3.5	3	3.5
	Tunnel Dryer	4	4	4.5	4
Light Fastness	ISO 105 B-02	5	3	4-5	5
Acid Perspiration	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	4.5
Color Transfer	Tunnel Dryer	4.5	5	4.5	4.5
Alkali Perspiration	ISO 105-E04				
Shade Change	Heat Press	5	4	4	5
Color Transfer	Heat Press	4.5	5	5	5
Shade Change	Tunnel Dryer	4.5	4.5	4.5	5
Color Transfer	Tunnel Dryer	4.5	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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