



DUPONT™

Artistri®

35TH
ANNIVERSARY

The Color of
What's Next.

artistritextile.dupont.com

With a 30+ year history in technology and innovation and continuous investments in research and development, DuPont™ Artistri® brings a diverse portfolio of products and expertise to the digital printing industry.

From the brightest and richest colors to custom formulations, Artistri® provides color consistency across production runs over time, and offers a range of inks and viscosities to work with almost any printer.

Whether it's direct-to-garment, direct-to-film or roll-to-roll, indoor or outdoor applications, or making an unforgettable fashion statement, bring your colors to life with Artistri®.

COLOR YOU CAN COUNT ON

No matter the timing or volume of production cycles, Artistri® inks are engineered to deliver batch-to-batch color consistency for reliable repeatability every time.

THE BRIGHTEST & THE BOLDEST

Artistri® inks combine DuPont proprietary dispersions and polymers with formulation technology, providing incredibly vibrant colors and best-in-class black and white inks.

BRILLIANT COLOR THAT LASTS

With a colorfastness as impressive as the colors themselves, Artistri® inks are designed to be UV and weather resistant, making them beautiful inside and out.

PRINTHEAD-COMPATIBLE PORTFOLIO

The Artistri® inks portfolio ranges from low to high viscosity, making it easy for printers to experience the brilliant colors of Artistri®, regardless of which printhead they use.

CONSTANT INNOVATION

Artistri® provides the most innovative digital inks to advanced textile printing—providing brilliant colors, incredible fastness, and unparalleled print reliability, delivering superior results every time.

Brighter Made Easier

Type of Ink	Low Viscosity	Medium Viscosity	High Viscosity
Artistri® DTG Pigment Ink For direct-to-garment digital printing Applications: Apparel, Home Furnishings	●	●	●
Artistri® DTF Pigment Ink For direct-to-film digital printing Applications: Apparel	●		
Artistri® RTR Pigment Ink For digital printing on cotton or cotton rich blends Applications: Apparel, Home Furnishings	●	●	●
Artistri® Dye Sublimation Ink For digital printing on polyester Applications: Apparel, Flags and Banners, Home Furnishings	●	●	
Artistri® SolarBrite™ Ink For digital printing on UV-resistant fabrics Applications: Flags, Decorative Banners and other Outdoor Fabric		●	
Artistri® Pre-treatment For direct-to-garment digital printing Applications: Apparel, Home Furnishings	●	●	●

DuPont™ Artistri® Product Offering

Textile Inks and Auxiliaries

Textile Ink Products



		Low Viscosity Inks (3-4 cps)					Mid Viscosity Inks (6-8 cps)					High Viscosity Inks (10-12 cps)			
Market Application	Flag & Banner	■					■	■							
	Garment	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Home Furnishing	■	■	■	■			■	■	■	■	■	■	■	■
Application		RTR		DTG		DTF	RTR					DTG	RTR	DTG	
Color		Dye Sub	Pigment	Pigment		Pigment	Acid	Dye Sub	Pigment			Pigment	Pigment	Pigment	
		S1500	P1500	P5000	P5500	P1600	SB1100	S2500/ S2640	P2500	PK2600	P2700	P7000	P3600	P3500	P6000
	Cyan	●	●	●	●	●		●	●	●	●	●	●	●	●
	Light Cyan								●		●		●	●	●
	Magenta	●	●	●	●	●		●	●	●	●	●	●	●	●
	Light Magenta								●		●		●	●	●
	Yellow	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Black	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Light Black						●				●		●		
	Red						●			●	●		●		●
	Orange								●	●	●		●	●	●
	Violet						●			●	●				
	Green						●			●	●		●		●
	Blue						●		●	●	●				
	Navy						●								
	White			●	●	●						●		●	●
Recommended Use															
Textile Auxiliaries	Flushing Solution	F700	■	■	■	■		■	■	■	■	■	■	■	■
		F800	■				■	■		■	■				
		KF200				■		■	■	■	■	■	■	■	■
	Pretreatment	P5001			■	■								■	■
		P5003			■	■						■		■	■
		P5010			■	■						■		■	■

* P2770 Violet Pigment Ink under GOTS evaluation
* PT200 Pretreatment Solution under GOTS evaluation



DuPont™ Artistri® Product Offering

Textile Inks and Auxiliaries

Ink-to-Printhead Compatibility Matrix (Based on testing by DuPont at DuPont facilities)

		Low Viscosity Inks (3-4 cps)					Mid Viscosity Inks (6-8 cps)						High Viscosity Inks (10-12 cps)			Textile Auxiliaries			
		Dye Sub	Pigment				Acid	Dye Sub	Pigment				Pigment			Color Protector	Flushing Solution		
Printhead Manufacturer	Printhead Model	S1500	P5000	P1500	P1600	P5500	SB1100	SZ500/ SZ640	P2500	PK2600	P2700	P7000	P3500	P3600	P6000	CP600	F700	F800	KF200
Fuji Dimatix	Dimatix Samba																		
	Dimatix StarFire SG1024												■	■	■	■			■
Epson	F1440	■	■	■	■	■											■		
	I3200-A1 / I1600-A1		■	■	■	■											■		■
	S3200-A1		■	■	■	■											■		■
	S3200-A3										■						■		■
	DX4 & DX5	■	■	■	■	■											■		
	DX7	■	■	■	■	■											■		
Konica Minolta	KM512i								■										■
	Panasonic (UH-HA810)	■						■											■
	Panasonic (UH-HA820)	■						■											■
Kyocera	Kyocera KJ4B 600dpi						■	■		■	■	■					■	■	■
	Kyocera KJ4B 300dpi						■	■		■	■	■					■	■	■
Ricoh	Ricoh Gen 4 (MH2420)												■	■	■			■	
	Ricoh Gen 4L (MH2620/2820)												■	■	■			■	
	Ricoh Gen 5E (MH5421/5441)												■	■	■		■	■	■
	Ricoh Gen 5F (MH5421F)													■	■			■	■
	Ricoh Gen 5MF (MH5421MF)											■					■	■	■
	Ricoh GH2220								■			■	■		■		■	■	■
	Ricoh Gen 6 (MH5320)													■	■		■	■	■
	Ricoh TH5241												■						
	Ricoh TH6310F													■					
SII Printek	SII Printek SPT 255						■		■								■		
	SII Printek SPT 508GS							■	■								■		
Xaar	Xaar 5601								■										
	Xaar Nitrox GS6											■	■						
	Xaar Nitrox GS12												■						

DuPont™ Artistri® Flushing Solutions

Textile Auxiliary



Product Datasheet

Properties	F700	KF200	F800
Chemical Constitution	Preparation of water soluble chemicals	Preparation of water soluble chemicals	Preparation of water soluble chemicals
Ionic Character	Anionic	Anionic	Anionic
pH	8.0 – 9.0	9.0 – 9.5	7.5 – 9.5
Viscosity	1 – 2 cps@25°C	6 – 8 cps@25°C	6 – 8 cps@25°C
Physical Form	Colorless to light brown liquid	Colorless liquid	Colorless to light brown liquid
Storage	Storage temperature should be kept below 60°C and above 0°C.	Storage temperature should be kept below 60°C and above 0°C.	Storage temperature should be kept below 60°C and above 0°C.
Shelf Life (under recommended storage conditions)	18 months	18 months	18 months
Applicable Ink Chemistries	Pigment, Dye Sublimation	Pigment, Dye Sublimation	Dye Sublimation, SolarBrite™ Ink
Print Heads¹ (confirmed compatibility)	Ricoh Gen 5E (MH5421/5441) Epson DX-4, DX-5, and DX-7 MS printers using Kyocera 600 dpi KJ4B printheads	Ricoh Gen 5E (MH5421/5441) Konica Minolta/Panasonic (UH-HA810 & UH-HA820) Kyocera KJ4B (excludes 600 dpi printheads on MS printers)	Kyocera KJ4B
Uses²	Flushing Ink Change Over Priming	Flushing Ink Change Over Priming	Flushing Ink Change Over Priming
	Light Clogs	Light Clogs	Light Clogs
			Hard Clogs³

¹ Consult your sales person for questions regarding additional printheads

² Refer to the DuPont™ Artistri® Ink Conversion Procedure

³ Refer to the DuPont™ Artistri® XITE F800 Cleaning Procedure

* P2770 Violet Pigment Ink under GOTS evaluation

* PT200 Pretreatment Solution under GOTS evaluation





The Brightest & The Boldest Colors.

Artistri® DTF Pigment Inks

Artistri® P1600 DTF (direct-to-film) ink set delivers vibrant colors on a variety of fabrics!

Experience the flexibility and convenience of DTF printing with world-class Artistri® inks that offer superior and consistent performance.



The Color of Things to Come



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