

◀ DUPONT ▶  
**Artistri**®

# The Color of What's Next

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Performance | Quality | Sustainability



[artistritextile.dupont.com](http://artistritextile.dupont.com)

With a 35+ year history in technology, 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.

## **DESIGNED FOR PRODUCTIVITY**

Quick start up, less cleanings, longer Printhead life equal more output per hour.

APPAREL

| ACCESSORIES

| OUTDOOR

| IN HOME

| T-SHIRTS

# Brighter Made Easier

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





# Artistri® Inks for Direct-to-Garment (DTG)

Water-based Pigment Inks for Inkjet Digital Printing

DuPont™ Artistri® DTG series is a premium pigment textile ink specially developed for DTG digital printing on cotton or cotton rich blends for a wide variety of apparel and specialty applications.

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

## Applications

DuPont™ Artistri® DTG pigment ink series is formulated with proprietary DuPont™ technology and is compatible with industry standard drying technologies. DuPont™ Artistri® pigment ink yields excellent color and fastness.

Contact DuPont™ Technical Support for process recommendations.

	Low Viscosity Inks		Mid Viscosity Inks	High Viscosity Inks	
Product	P5000	P5500	P7000	P3500	P6000
Available Colors	● ● ● ● ● ●	● ● ● ● ● ● ○	● ● ● ● ● ● ○	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
Compatible Printhead	Epson F1440, i3200, DX4, DX5, DX7	Epson F1440, i3200, DX4, DX5, DX7	Kyocera KJ4B 600 dpi / 300dpi, Ricoh Gen 5MF, GH2220	Dimatix StarFire SG1024, Ricoh Gen 4, 4L, 5E, GH2220, TH5241, Xaar Nitrox GS6, GS12	Dimatix StarFire SG1024, Ricoh Gen 4, 4L, 5E, 5F, 6
Pretreatments	P5001, P5003, P5010		P5003, P5010	P5001, P5003, P5010	

## Product Features and Benefits

- Brilliant colors with wide color gamut
- High durability, great wash fastness
- Bright white ink: less ink needed for great coverage
- High stretchability
- Jetting consistency and reliability



# Artistri® Direct-to-Film (DTF) Solution

Water-based Pigment Inks and Transfer Film for Inkjet Digital Printing

DuPont™ Artistri® brings you a high-performance Direct-to-Film (DTF) solution, combining premium **Artistri® P1600 pigment inks** and **Artistri® DTF-120 transfer film** to deliver vibrant, high-quality prints with superior durability. Designed for cotton, polyester, blends, and specialty applications, this complete solution enhances color performance, reliability, and production efficiency.

## The Power of a Seamless DTF Solution

The synergy between Artistri® P1600 inks and DTF-120 film ensures consistent, professional-quality prints with minimal maintenance and fast processing. While DTF-120 film is optimized for Artistri® P1600 inks, it is also compatible with other inks, though performance may vary.

## Artistri® P1600 Pigment Inks Brilliance & Reliability

Premium pigment inks designed for DTF printing with exceptional color vibrancy, opacity, and durability.

- Superior Color Strength – Achieve bold, vivid prints with less ink usage
- Expansive Gamut & Deep Blacks – Delivers rich color saturation and striking contrast
- Bright White Ink – Requires less ink to achieve high L\* for brilliant results
- Optimized Jetting Reliability – Faster start-up, low maintenance, and high productivity
- Safe & Sustainable – No ethylene glycol, HAPS-free, and non-hazardous under GHS

## Artistri® DTF-120 Transfer Film Versatile & Consistent

Premium transfer film engineered for smooth ink laydown, optimal adhesion, and superior transfer quality.

- Hot & Cold Peel Options – Choose the best workflow for your needs
- Efficient Processing – Optimized curing time and powder adhesion
- Consistently High-Quality Prints – Reliable performance for professional results
- Dry Touch Finish – Enhances the final product's feel
- Wide Compatibility – Works best with Artistri® P1600 inks, compatible with other inks (results may vary)





# Artistri® Inks for Direct-to-Film (DTF)

Water-based Pigment Inks for Inkjet Digital Printing


DuPont™ Artistri® P1600 is a premium pigment textile ink specially developed for DTF digital printing on cotton, polyester or 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.

## Applications

DuPont™ Artistri® P1600 pigment ink is formulated with proprietary DuPont™ technology and is compatible with industry standard drying technologies. DuPont™ Artistri® P1600 pigment ink yields excellent color and fastness and are specifically formulated for DTF printing processes. Contact DuPont™ Technical Support for process recommendations.

### Low Viscosity Inks

Product	P1600
Available Colors	
Compatible Printhead	Epson i3200, DX4, DX5, DX7, F1440

## Product Features and Benefits

- High color strength which produces more vibrant printed images with less ink
- Formulated to yield a large gamut volume, white opacity, and deep blacks over a wide range of commercially available films and powders (profiles generated using Inedit Neostampa Delta)
- Formulated to for high jetting reliability that translates into higher productivity:
  - Quick morning start-up process
  - Low maintenance frequency
- Bright white ink: less ink needed to achieve high L\*
- Not classified as hazardous under GHS
  - \*\* Always refer to the current country SDS for this product for safe use and handling.
- Inks do not contain ethylene glycol
- Hazardous Air Pollutants (HAPS) free





# Artistri® Transfer Film for Direct-to-Film (DTF)

Premium Transfer Film for Inkjet Digital Printing

## Applications

DuPont™ Artistri® DTF-120 transfer film is specially developed for direct-to-film digital printing, ensuring seamless ink laydown, efficient powder adhesion, and high-quality transfers across cotton, polyester, blends, and more.

DuPont™ Artistri® DTF-120 film yields large color gamut with high L\*. Designed to work best with Artistri® P1600 inks, it also supports other inks with varying results. Contact DuPont™ Technical Support for process recommendations.

Film	
Product	DTF-120 Film
Size Available	600mm x 100m (24" x 328')
Transfer Conditions	302°F (150°C)
Dwell Time	6 seconds
Peel Method	Hot or Cold

## Product Features and Benefits

- Hot & Cold Peel Options – Flexible workflow with immediate or delayed peeling
- Efficient Process – Streamlined ink laydown, optimized curing time, and smooth powder adhesion
- Consistently High-Quality Prints – Delivers sharp, vibrant, and durable results
- Dry Touch Finish – Enhances the final print's feel for a premium look
- Wide Compatibility – Works best with Artistri® P1600 inks, but can be used with other inks



# Artistri® Inks for Fashion




Water-based Pigment Inks for Inkjet Digital Printing

DuPont™ Artistri® Pigment ink is a premium ink for roll-to-roll printers offering best in class color with deep, rich blacks and outstanding color saturation. Artistri® Pigment ink set meets the needs of quality conscious textile printers in fashion.

## Applications

DuPont™ Artistri® pigment ink is formulated with proprietary DuPont™ technology and is compatible with industry standard calenders and stenter frames for drying and curing.

Contact DuPont™ Technical Support for a preferred pretreatment and process recommendation.

	Low Viscosity Inks	Mid Viscosity Inks	High Viscosity Inks
Product	P1500	P2500	P2700
Available Colors			
Compatible Printhead	Epson F1440, I3200, I1600, S3200-A1, DX4, DX5, DX7	KM512i, KM1024i, Ricoh GH2220, SII Printek SPT 225, 508GS, Xaar 5601	Epson S3200-A3, Kyocera KJ4B 600dpi, 300dpi
			Dimatix StarFire SG1024, Ricoh Gen 4, 4L, 5E, 5F, 6, TH6310F

## Product Features and Benefits

- Brilliant and high saturation
- Dispersion technology enables higher pigment loads and print quality
- Superior light fastness
- Designed for range of printheads and high-volume printing applications





# Artistri® Inks for Wall Covering




Water-based Pigment Inks for Inkjet Digital Printing

DuPont™ Artistri® Pigment ink is a premium ink for roll-to-roll printers offering best in class color with deep, rich blacks and outstanding color saturation. Artistri® Pigment ink set meets the needs of quality conscious textile printers in wall covering applications.

## Applications

DuPont™ Artistri® pigment ink is formulated with proprietary DuPont™ technology and is compatible with industry standard calenders and stenter frames for drying and curing.

Contact DuPont™ Technical Support for a preferred pretreatment and process recommendation.

	Low Viscosity Inks	Mid Viscosity Inks	High Viscosity Inks
Product	P1500	P2700	P3600
Available Colors			
Compatible Printhead	Epson F1440, I3200, I1600, S3200-A1, DX4, DX5, DX7	Epson S3200-A3 Kyocera KJ4B 600dpi, 300dpi	Dimatix StarFire SG1024 Ricoh Gen 4, 4L, 5E, 5F, 6, TH6310F

## Product Features and Benefits

- Brilliant and high saturation
- Dispersion technology enables higher pigment loads and print quality
- Superior light fastness
- Designed for range of printheads and high-volume printing applications
- High burnishing and scrub resistance





# Artistri® Inks for Home Decor




Water-based Pigment Inks for Inkjet Digital Printing

DuPont™ Artistri® Pigment ink is a premium ink for roll-to-roll printers offering best in class color with deep, rich blacks and outstanding color saturation. Artistri® Pigment ink set meets the needs of quality conscious textile printers in home décor and furnishing applications.

## Applications

DuPont™ Artistri® pigment ink is formulated with proprietary DuPont™ technology and is compatible with industry standard calenders and stenter frames for drying and curing.

Contact DuPont™ Technical Support for a preferred pretreatment and process recommendation.

	Low Viscosity Inks	Mid Viscosity Inks	High Viscosity Inks
Product	P1500	P2500	P2700
Available Colors			
Compatible Printhead	Epson F1440, I3200, I1600, S3200-A1, DX4, DX5, DX7	KM512i, KM1024i, Ricoh GH2220, SII Printek SPT 225, 508GS, Xaar 5601	Epson S3200-A3, Kyocera KJ4B 600dpi, 300dpi, Dimatix StarFire SG1024, Ricoh Gen 4, 4L, 5E, 5F, 6, TH6310F

## Product Features and Benefits

- Brilliant and high saturation
- Dispersion technology enables higher pigment loads and print quality
- Superior light fastness
- Designed for range of printheads and high-volume printing applications





# Artistri® Inks for Performance Fashion



Water-based Dye Sublimation Inks for Inkjet Digital Printing

DuPont™ Artistri® Dye Sublimation series is a premium ink set for roll-to-roll printers offering best in class color with deep, rich blacks and outstanding color saturation. Artistri® Dye Sublimation inks meet the needs of quality conscious textile printers in multiple market areas including – garment decoration, sportswear, fast fashion/couture.

## Applications

DuPont™ Artistri® dye sublimation ink set is formulated with proprietary DuPont™ technology and is compatible with industry standard equipment and workflows.

Contact DuPont™ Technical Support for process recommendations.

	Low Viscosity Inks	Mid Viscosity Inks
Product	S1500	S2500/2600
Available Colors		
Compatible Printhead	Epson F1440, DX4, DX5 Panasonic UH-HA810, UH-HA820	Panasonic UH-HA810, UH-HA820 Kyocera KJ4B 600dpi, 300dpi SII Printek SPT 255

## Product Features and Benefits

- Brilliant and high saturation
- Superior wash fastness
- Designed for range of printheads and high-volume printing applications

# DuPont™ Artistri® Product Offering

Textile Inks and Auxiliaries

## Textile Ink Products



GOTS Approved Inks  
Approved by: Ecocert Greenlife  
No. (GOTS-ECOCERT-108-00807)



GOTS Approved Additives  
Approved by: Ecocert Greenlife  
No. (GOTS-ECOCERT-108-00807)

		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	
		Dye Sub	Pigment	Pigment		Pigment		Dye Sub	Pigment			Pigment	Pigment	Pigment	
	Color	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			■	■						■		■	■

\* SB1182 Blue, P2780 Blue, P1660 Orange, and P1675 Green Pigment Inks are 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	S2500/ S2640	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								■										■
	KM1024i								■										■
	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



GOTS Approved Additives  
Approved by: Ecocert Greenlife  
No. (GOTS-ECOCERT-)08-00807

## Product Datasheet

Properties	F700	KF200	F800
<b>Chemical Constitution</b>	Preparation of water soluble chemicals	Preparation of water soluble chemicals	Preparation of water soluble chemicals
<b>Ionic Character</b>	Anionic	Anionic	Anionic
<b>pH</b>	8.0 – 9.0	9.0 – 9.5	7.5 – 9.5
<b>Viscosity</b>	– 2 cps@25°C	6 – 8 cps@25°C	– 8 cps@25°C
<b>Physical Form</b>	Colorless to light brown liquid	Colorless liquid	Colorless to light brown liquid
<b>Storage</b>	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.
<b>Shelf Life</b> (under recommended storage conditions)	18 months	18 months	18 months
<b>Applicable Ink Chemistries</b>	Pigment, Dye Sublimation	Pigment, Dye Sublimation	Dye Sublimation, SolarBrite™ Ink
<b>Print Heads<sup>1</sup></b> (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
<b>Uses<sup>2</sup></b>	Flushing Ink Change Over Priming	Flushing Ink Change Over Priming	Flushing Ink Change Over Priming
	Light Clogs	Light Clogs	Light Clogs
			Hard Clogs <sup>3</sup>

<sup>1</sup> Consult your sales person for questions regarding additional printheads

<sup>2</sup> Refer to the DuPont™ Artistri® Ink Conversion Procedure

<sup>3</sup> Refer to the DuPont™ Artistri® F800 Cleaning Procedure

\* PT200 Pretreatment Solution under GOTS evaluation

\* F800 Flushing 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.







**DUPONT**  
**Artistri.**

The Color  
of Things  
to Come



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