

Artistri. Innovations for Advanced Printing

Quality | Compatibility | Brilliance



Leveraging over 35 years of expertise in providing advanced printing solutions, DuPont Artistri® offers aqueous pigmented dispersions specifically designed for inkjet printing, ensuring outstanding performance in commercial and packaging applications.

Our Artistri® digital inks deliver brilliant colors, high-quality consistency, and seamless integration into various commercial printing and packaging applications.

Whether it's packaging for food products or commercial materials, your brands are elevated with Artistri® digital inks.

WIDE RANGE OF APPLICATIONS

Our dispersions are compatible with various aqueousbased systems suitable for home, office, commercial, textile, and packaging markets.

PRINTHEAD COMPATIBILITY

The Artistri® portfolio includes a range of viscosities, making it easy for printers to achieve outstanding results with our vibrant inks, regardless of their printhead technology.

VIBRANT & BOLD COLORS

Combining DuPont[™] proprietary dispersions with advanced formulation technology, Artistri[®] inks deliver best-in-class colors, deep rich blacks and superior white inks that make a strong impression.

CONTINUOUS INNOVATION

Artistri® delivers the most innovative digital inks for advanced commercial and packaging printing—offering vibrant colors, exceptional durability, and fast drying on various substrates to ensure superior results that elevate your brand every time.

REGULATORY COMPLIANCE

All products meet international and local legislative requirements, manufactured in an ISO 9002-2015 certified facility. Artistri® products are in line with Nestlé guidance, Swiss Ordinance, and compliant with EuPIA standards for packaging applications.

Excellence in Every Run

Product	Low Viscosity	Medium Viscosity	High Viscosity	Food Compliant	Non Food Compliant
Artistri® Corrugated Pigment Inks For corrugated applications			•	•	
Applications: Multi-pass sheet fed corrugated printers					
Artistri® Folding Carton Pigment Inks For folding carton digital printing	•			•	
Applications: Coated cartons					
Artistri® Flexible Packaging Pigment Inks For films in digital printing	•			•	
Applications: PET & other types of films					
Artistri® Aqueous Dispersions for Packaging For digital printing on indirect food contact packaging				•	
Applications: Corrugated, carton, and flexible packaging					
Artistri® Aqueous Dispersions for Commercial Printing For digital printing on indirect food contact packaging					
Applications: Direct mail, transactional, books, stationary, newspapers and magazines					•
Artistri® Commercial Printing Pigment Inks Applicable for a wide variety of paper substrates					
Applications: Direct mail, transactional, books, stationery, newspapers and magazines	•	•			
Artistri® Primer For coated paper and films	•	•	•	•	



Artistri® Inks for Corrugated Printing

Water-based Pigment inks for Corrugated Applications

DuPont™ Artistri® Corrugated series is a premium water-based pigment ink set specially developed for corrugated postprint in digital printing, for coated board substrates.

Offering best in class color with deep, rich blacks and outstanding color saturation, the Artistri® Corrugated series meet the needs of quality conscious converters serving food packaging applications.

Applications

DuPont[™] Artistri® Corrugated pigment ink is formulated with proprietary DuPont technology and is compatible with industry standard drying technologies.

This pigment ink series yields excellent color and permanence. Contact

DuPont Technical Support for process recommendations

	High Viscosity Inks			
Product	CY8000			
Available Colors	• • • • •			
Compatible Printhead	Ricoh Gen 5F			
Application	Multi-pass sheet fed corrugated printers			

- Fast-drying inks
- Food packaging compliant
- · High image quality
- No need for primers

- Reliable jetting sustainability
- · High rub and water resistance
- Compliant with Swiss Ordinance, EuPIA and Nestlé guidances

^{*} Inks not commercialized, but available for testing



Artistri® Inks for Folding Carton Printing

Water-based Pigment Inks for Inkjet Digital Printing

DuPont™ Artistri® Folding Carton series is a premium water-based pigment ink set specially developed for folding carton in digital printing. Offering best in class color with

Offering best in class color with deep, rich blacks and outstanding color saturation, the Artistri® Folding Carton series meet the needs of quality conscious converter serving food packaging applications.

Applications

DuPont™ Artistri® Folding Carton pigment ink is formulated with proprietary DuPont technology and is compatible with industry standard drying technologies.

This pigment ink series yields excellent color and permanence. Contact

DuPont Technical Support for process recommendations.

	Low Viscosity Inks	Primer
Product	CY2000	CP1000
Available Colors	• • •	- -
Compatible Printhead	Fuji Dimatix Samba G3L	-
Application	Coated carton	Analog primer for coated carton

- Fast-drying inks
- Food packaging compliant
- $\cdot \ \mathsf{High\ image\ quality}$
- · Reliable jetting sustainability

- · High rub and water resistance
- Compliant with Swiss Ordinance, EuPIA and Nestlé guidances

^{*} Inks not commercialized, but available for testing



Artistri® Inks for Flexible Packaging

Water-based Pigment Inks for Inkjet Digital Printing

DuPont™ Artistri® Flexible Packaging series is a premium water-based pigment ink set specially developed for films in digital printing.

Offering best in class color with outstanding color saturation, strong lamination strengths and fast drying, the Artistri® Flexible Packaging series meet the needs of quality conscious converters serving food packaging applications, while delivering high speeds and performance.

Applications

DuPont™ Artistri® Flexible Packaging pigment ink is formulated with proprietary DuPont technology and is compatible with industry standard drying technologies.

This pigment ink series yields excellent color and performance.

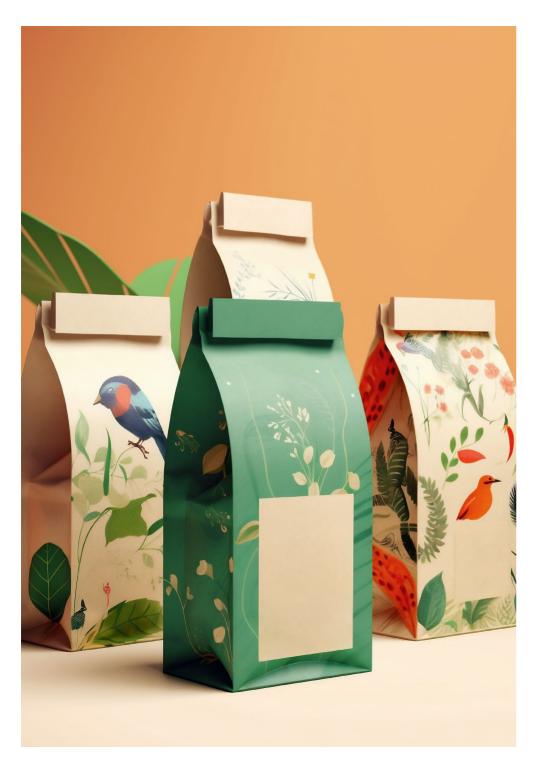
Contact DuPont Technical Support for process recommendations.

	Low-Mid Viscosity Inks	Primer
Product	CY4000	FP1000
Available Colors	• • • •	-
Compatible Printhead	Epson D3000, Fuji Dimatix Samba G3L, Kyocera KJ4B-QA	-
Application	PET and other types of films	Analog primer for films

- Fast-drying inks
- Food packaging compliant
- \cdot High image quality
- Reliable jetting sustainability

- · Reliable circulation
- Strong lamination strength
- Compliant with Swiss Ordinance, EuPIA and Nestlé guidances

^{*} Inks not commercialized, but available for testing



Artistri® Dispersions for Packaging

Aqueous Dispersions for **Digital Printing Inks on Packaging**

Applications

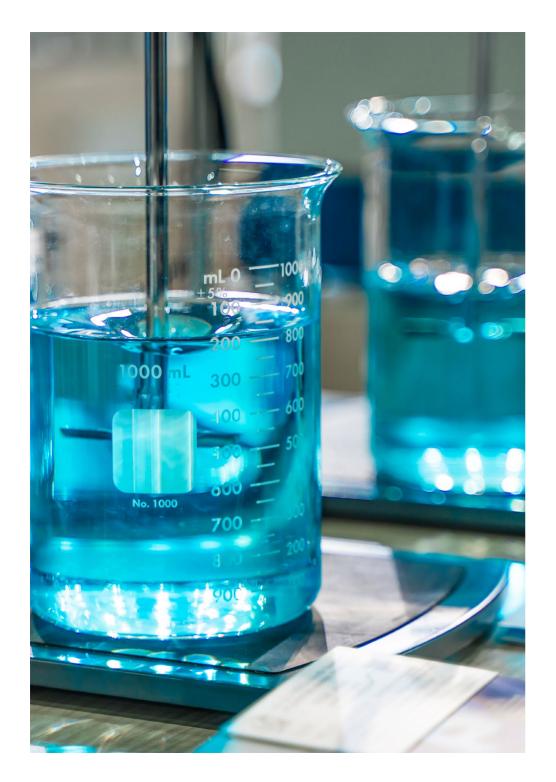
Artistri® Dispersions can be formulated for use in a wide variety of applications across a range of aqueous based systems, including indirect food contact applications.

Some of the key segments include corrugated, carton, and flexible packaging.

	Food Compliant	Food Compliant
Product	DF900	Available for sampling
Available Colors	• • • •	•
Dispersant Chemistry	Aqueous Polyurethane	Aqueous Self-Dispersed Pigment
Food Compliant	Packaging Substrates	Paper-based Packaging

- 15% w/w pigment loading
- Cross-linked polymer to ensure excellent stability in typically used ink-jet solvents and humectants
- Allows for high solids loading of polymeric additives
- Compatible with a variety of surfactant chemistries
- DF900: Suitable for indirect food contact applications, developed in line with Nestlé guidance, and compliant with EuPIA

- Pigment selections meet requirements for heavy metals and primary aromatic amines
- Manufactured in an ISO 9002-2015 certified facility
- Certified under GMP Regulation (EC) No 2023/2006



Artistri® Dispersions

Aqueous Dispersions for Digital Printing Inks

DuPont is a leading supplier of innovative printing solutions with over 30 years of experience, offering aqueous pigmented dispersions for use in thermal and piezo inkjet printheads.

Strict manufacturing controls are in place to recreate exact shades of brilliant color with high tinctorial strength. Our dispersions meet international and local legislative requirements while utilizing modern processes in an ISO 9002-2015 certified facility.

Applications

Artistri® Dispersions can be formulated for use in a wide variety of applications across a range of aqueous based systems, including indirect food contact applications.

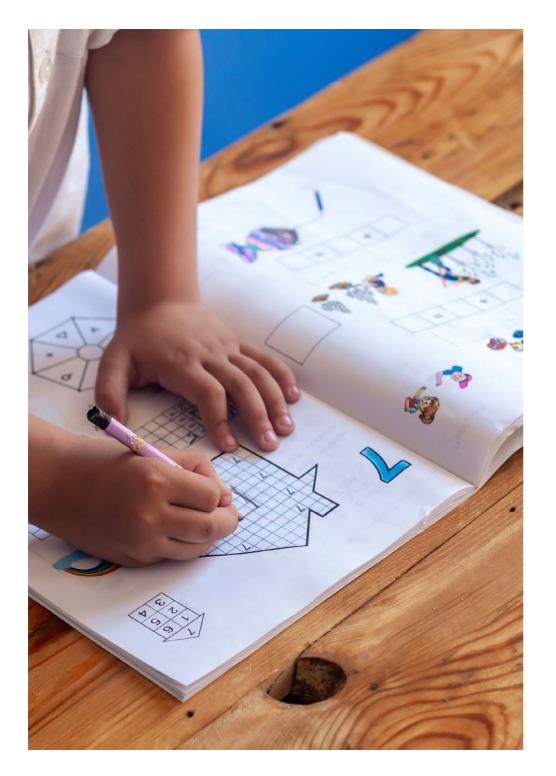
Some of the key market areas include Home and Office,

Commercial, Textile, and Packaging

	No Food C	Food Compliant	
Product	DN240	DP600	DF900
Available Colors	•	••••	• • • •
Compatible Printhead	Aqueous Self- Dispersed Pigment	Aqueous Acrylic	Aqueous Polyurethane
Application	Porous Paper	Textile	Paper & Packaging

- Allows for high solids loading of polymeric additives
- Compatible with typically used ink-jet solvents and humectants
- Compatible with a variety of surfactant chemistries
- Manufactured in an ISO 9002-2015 certified facility

- Certified under GMP Regulation (EC) No 2023/2006
- Pigment selections meet requirements for heavy metals and primary aromatic amines
- DF900: Suitable for indirect food contact applications, developed in line with Nestlé guidance, and compliant with EuPIA



Artistri® Inks for Book Printing

Water-based Pigment Inks for Inkjet Digital Printing

DuPont[™] Artistri® Commercial Series is a premium water-based pigment ink specially developed for commercial digital printing, applicable for a wide variety of paper substrates.

Offering best in class color with deep, rich blacks and outstanding color saturation. Artistri® Commercial series meets the needs of quality conscious printers serving multiple market areas including, direct mail, transactional, books, stationery, newspapers and magazines.

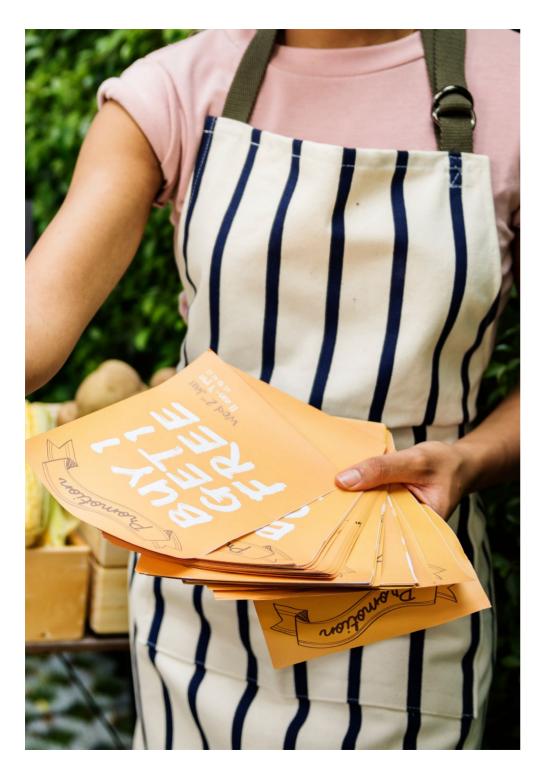
Applications

DuPont[™] Artistri® Commercial pigment ink is formulated with proprietary DuPont technology and is compatible with industry standard drying technologies.

This pigment ink series pigment yields excellent color and permanence. Contact DuPont Technical Support for process recommendations.

	Lo	ow Viscosity Ink	S	Mid Viscosity Inks
Product	PN1000	PN3000	PN3043K	PN5000
Available Colors	• • • •	• • • •	•	• • • • •
Compatible Printhead	Epson	Panasonic UH-HA810, UH-HA820	Fuji Dimatix Samba G3L	Kyocera KJ4B-QA (600dpi), KJ4B-YH (600dpi), KJ4B- 1200 (1200dpi), KJ4B-EX1200 (1200dpi) Xerox Workhorse (1200dpi)
Application	Uncoated paper: book, direct mail, transactional	Uncoated paper: book, direct mail, transactional	Uncoated paper: book printing	Uncoated paper: book, direct mail, transactional

- High optical density on a variety of uncoated and inkjet treated papers
- · Large color gamut
- · High image quality
- Reliable jetting sustainability
- Low frequency of maintenance intervals
- · High durability on uncoated papers with minimal or no drying



Artistri® Inks for Commercial & Direct Mail

Water-based Pigment Inks for Inkjet Digital Printing

DuPont™ Artistri® Commercial Series is a premium water-based pigment ink specially developed for commercial digital printing, applicable for a wide variety of paper substrates.

Offering best in class color with deep, rich blacks and outstanding color saturation. Artistri® Commercial series meets the needs of quality conscious printers serving multiple market areas including, direct mail, transactional, books, stationery, newspapers and magazines.

Applications

DuPont[™] Artistri® Commercial pigment ink is formulated with proprietary DuPont technology and is compatible with industry standard drying technologies.

This pigment ink series pigment yields excellent color and permanence. Contact DuPont Technical Support for process recommendations.

	Low Vi	scosity Inks	Mid Viscosity Inks	Primer
Product	PN1000	CN1000	PN5000	CP1000
Available Colors	• • • •	• • •	• • • • •	-
Compatible Printhead	Epson	Epson	Kyocera KJ4B-QA (600dpi), KJ4B-YH (600dpi), KJ4B- 1200 (1200dpi), KJ4B- EX1200 (1200dpi) Xerox Workhorse (1200dpi)	-
Applications	Uncoated paper: book, direct mail, transactional	Coated paper: general commercial, book, marketing collaterals	Uncoated paper: book, direct mail, transactional	Analog primer for coated paper

- High optical density on a variety of uncoated and inkjet treated papers
- Large color gamut
- $\cdot \ \mathsf{High\ image\ quality}$
- Reliable jetting sustainability

- Low frequency of maintenance intervals
- High durability on uncoated papers with minimal or no drying

DuPont™ Artistri® Product Offering

Commercial & Packaging Inks & Auxiliaries

Inks Products

				Low Viscosity Inks (3-5 cps)					ity Inks (6-7 cps)	High Viscosity Inks (10-12 cps)
Application		Folding Carton	5		Book Printing, Commerical Printing Coated Paper	Flexible Packaging	Book Printing, Commerical Printing, Uncoated Paper	Corrugated		
			Pigment	Pigment	Pigment	Pigment	Pigment	Pigment	Pigment	Pigment
		Color	CY2000	PN1000	PN3000	PN3043K	CN1000	FY4000	PN5000	CY8000
		Cyan	•	•	•		•		•	•
		Light Cyan								•
		Magenta	•	•	•		•	•	•	•
		Light Magenta								•
		Yellow		•	•				•	•
		Black	•	•	•	•	•	•	•	•
		Light Black								
		Orange							•	
		Violet								
		Green							•	
Recommen	ided Use									
	Cleaning	CF100								
Auxilaries	Solutions	CF200								
Auxitaries	Primer	FP1000								
	rilliei	CP1000								

DuPont™ Artistri® Cleaning Solutions

Commercial & Packaging Inks

		Low Viscosity Inks (3-5 cps)					Mid Viscosity	Inks (6-7 cps)	High Viscosity Inks (10-12 cps)
		Pigment	Pigment	Pigment	Pigment	Pigment	Pigment	Pigment	Pigment
Printhead Manufacturer	Printhead model	CY2000	PN1000	PN3000	PN3043K	CN1000	FY4000	PN5000	CY8000
Ricoh	Gen 5F								
Danasais	UH-HA810								
Panasonic	UH-HA820								
Fuji Dimatix	Samba G3L								
Госоо	13200								
Epson	D3000								
	KJ4B-QA (600dpi)								
V	KJ4B-YH (600dpi)								
Kyocera	KJ4B-1200 (1200dpi)								
	KJ4B-EX1200 (1200dpi)								
Xerox	Workhorse (1200dpi)								

Printhead compatibility is a non-exhaustive list, please discuss further with a representative for more information.

DuPont™ Artistri® Cleaning Solutions

Product Datasheet

Properties	CF100	CF200
Chemical Constitution	Preparation of water - soluble chemicals	Preparation of water - soluble chemical
Ionic Character	Non-ionic	Non-ionic
рН	7.5 - 8.5	7 - 8
Viscosity	1-5 cps @25°C	1-5 cps @25°C
Physical Form	Colorless liquid	Colorless liquid
Storage	Storage temperature should be kept below 34°C and above 0°C	Storage temperature should be kept below 30°C and above 0°C
Shelf Life (under recommended storage conditions)	18 months	18 months
Applicable Ink Chemistries	Commercial printing pigmented inks	Commercial printing pigmented inks
Print Heads ¹ (confirmed compatibility)	Samba® G3L	Samba® G3L
Uses ²	Cleaning printheads and nozzles by dissolving and removing dried ink residues	Cleaning printheads and nozzles by dissolving and removing dried ink residues

^{1.} Consult your salesperson regarding additional printheads

^{2.} Refer to DuPont™ Artistri® CF cleaning solution series cleaning



OUPONT: Artistri®





The Color of Things to Come







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