DUPONT™

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 aqueous-based 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.

FOLDING CARTON | CORRUGATED | FLEXIBLE PACKGAGING | BOOK PRINTING | COMMERCIAL PRINTING | DIRECT MAIL

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 post-print 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

Product Features and Benefits

- 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 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

Product Features and Benefits

- Fast-drying inks
- Food packaging compliant
- 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

Product Features and Benefits

- Fast-drying inks
- Food packaging compliant
- 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

Product Features and Benefits

- 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 Compliant		Food Compliant
Product	DN240	DP600	DF900
Available Colors	●	●●●●●●●●	●●●●
Compatible Printhead	Aqueous Self-Dispersed Pigment	Aqueous Acrylic	Aqueous Polyurethane
Application	Porous Paper	Textile	Paper & Packaging

Product Features and Benefits

- 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.

	Low Viscosity Inks			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

Product Features and Benefits

- 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 Viscosity 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

Product Features and Benefits

- 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

DuPont™ Artistri® Product Offering

Commercial & Packaging Inks & Auxiliaries

Inks Products

			Low Viscosity Inks (3-5 cps)					Mid Viscosity Inks (6-7 cps)		High Viscosity Inks (10-12 cps)
Application			**Folding Carton**	**Book Printing, Commerical Printing | Uncoated Paper**			**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							●	
Recommended Use										
Auxilaries	Cleaning Solutions	CF100		■	■	■			■	
		CF200	■				■	■		■
	Primer	FP1000						■		
		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								■
Panasonic	UH-HA810			■					
	UH-HA820			■					
Fuji Dimatix	Samba G3L	■			■		■		
Epson	I3200		■	■		■			
	D3000						■		
Kyocera	KJ4B-QA (600dpi)						■	■	
	KJ4B-YH (600dpi)							■	
	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
pH	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

DUPONT™

Artistri®

The Color of Things to Come

Contact Us

artistri.dupont.com

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