DuPont™ Artistri® P1600 Series Ink

Direct to Film Pigment Inks

DuPont™ Artistri® P1600 is a premium pigment textile ink specially developed for direct-to-film 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.

Backed by more than 30 years of digital inkjet industry leadership, performance leader DuPont™ Artistri® P1600 also features world class ISO 9000:2015 certified production standards and DuPont's full process technical support.

Application Properties

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 Direct To Film (DTF) printing processes. Contact DuPont Technical Support for process recommendations.

Printhead Compatibility

DuPont™ Artistri® P1600 ink is compatible with the following piezo printheads:

- EPSON DX4
- EPSON DX5
- EPSON DX7
- EPSON i3200

Commercial Supply

DuPont P1600 Series ink is supplied in 1 liter bottles, 2x10 liter bottles, and 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 – 40 °C (50 – 104 °F).

Ink Color and Product Numbers

Ink Color	Product Number
Cyan	P1610
Magenta	P1620
Yellow	P1630
Black	P1640
White	P1690

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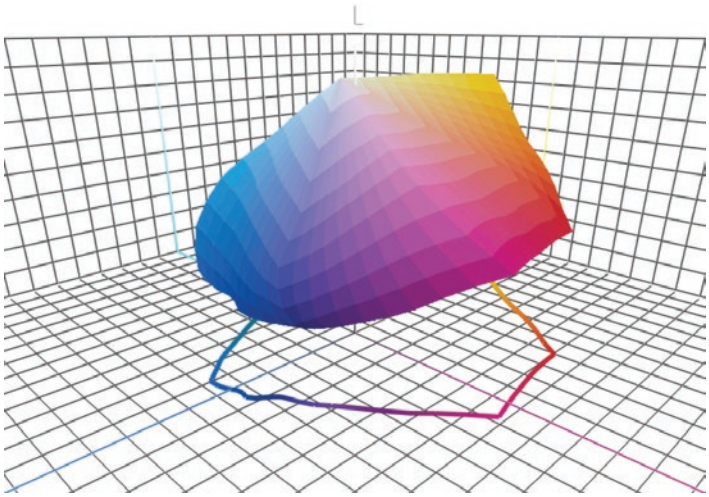
Product Features and Benefits

DuPont™ Artistri® P1600 pigment inks main product features include:

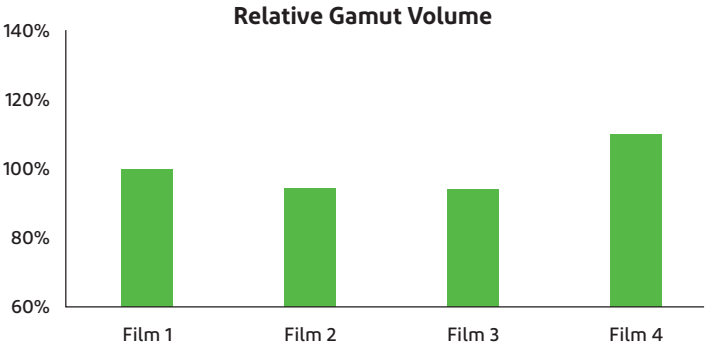
- High color strength which produces more vibrant printed images with less ink
- Formulated to yield a large gamut volume, white opacity, and deep blacks over a wide range of commercially available films and powders (profiles generated using Inedit Neostampa Delta)
- Formulated to for high jetting reliability that translates into higher productivity:
  - Quick morning start-up process
  - Low maintenance frequency,
- DuPont™ Artistri® P1600 pigment inks are manufactured under the strictest quality-controlled processes that results in world class batch-to-batch consistency

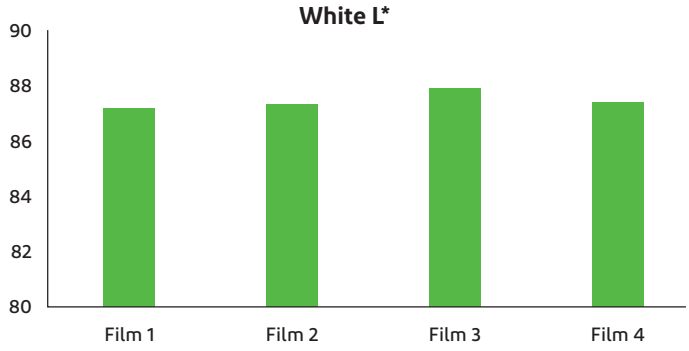


3D Gamut visualization of DuPont™ Artistri® P1600 pigment ink

- DuPont™ Artistri® P1600 pigment inks are not classified as hazardous under GHS

  ** Always refer to the current country SDS for this product for safe use and handling.
- DuPont™ Artistri® P1600 pigment inks do not contain ethylene glycol
- DuPont™ Artistri® P1600 pigment inks are HAPS (Hazardous Air Pollutants) free





To achieve optimal image quality and color, the ink laydown needs to be properly adjusted for both CMYK and W. Contact DuPont Technical Support for recommendations specific to your equipment & process.

DUPONT

For more information on DuPont™ Artistri® or other DuPont products, please visit our website.

Artistri.DuPont.com

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