



TECHNICAL DATA SHEET

Direct To Film Textile Inkjet Inks

Product Code(s): DP.DTF101.C1LT - DP.DTF102.M1LT - DP.DTF103.Y1LT - DP.DTF104.K1LT
DP.DTF105.W1LT

APPLICATIONS

Inkjet DTF Inks compatible for inkjet printers with Epson DX Series printheads

PRODUCT DESCRIPTION

Our Direct to Film Textile Inkjet inks are designed specifically for DoD applications and come in 5 colors; Cyan, Magenta, Yellow, Black and White that have low odor, good storage stability, excellent color properties that produces impeccable images on multiple substrates such as; cotton, polyester, leather, cardboard, aluminum.

PHYSICOCHEMICAL PROPERTIES

Property	Unit
Type	Aqueous pigment-based textile inks
Form	Liquid
Odor	Low
Viscosity, cps @25°C	4.0cps 0.5
Surface Tension @25 °C	30 3 dynes/cm
pH	9.0 0.5
Particle Size Distribution for CMYK	D10: 50-80nm D50: 80-200nm D95: 250-350nm D99.9: 350-500nm
Particle Size Distribution for White	D10: 100-110nm D50: 2000-250nm D95: 250-350nm D99.9: 350-500nm

NVC	15-40%
Specific Gravity	1.05-1.250

APPLICATION PROCESS

Design – Create your own design using your favorite graphic design software (i.e., Photoshop, Illustrator, Corel Draw, etc.)

Print – Print your design on our two-sided cold peel. Depending on the printer used, it will print the colors first, then a white top layer that serves as the base layer on the shirt.

Apply – Apply the powder adhesive evenly onto the printed film. Shake off any excess and store them for later use.

Bake – Melt the adhesive to the film using a heat press or oven. Hover the heat press platen on top of the adhesive to ensure even heat throughout at a temperature of 300-325 F.

Press – Press your design onto a substrate like a t-shirt. Applicable on cotton, polyester, leather, cardboard, aluminum, and other flat rough, and rigid materials.

Notes: Properties reported here are typical of average lots. Doctorplotter ink makes no representation that the material in any particular shipment will conform exactly to the values given.

Disclaimer: Doctorplotter ink shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.