



DAZZLE FLUORESCENTS

Vibrant, Formaldehyde Free Inks

Technical Data Sheet

REV. 20240306

Key Features

Eight Vibrant Formaldehyde Free inks with a satin sheen and soft hand. Dazzle Fluorescents are not opaque and should be printed on white fabric or a white under base for maximum vibrancy. It is possible to blend Dazzle Colors with some Albany White to achieve opacity while still maintaining vibrancy.

Suitable for both Manual and Automatic printing

Wash Resistance

Dazzle Colors will pass a minimum of 5 x 60°C wash Cycles when correctly cured. Dazzle Fluo Inks should not be Dry Cleaned.

Compliance

All Dazzle Shades are formulated to be Phthalate Free, meet Oekotex standards and do not contain any Substances of Very High Concern. Currently, we, the manufacturer, do not test for compliance and should the user require certification we recommend they use an independent test house for verification.

Storage

Avoid direct sunlight and store at a temperature between 16°C / 60°F and 30°C / 95°F.

Health and Safety

Please refer to the appropriate MSDS sheet

Colour Range –

Dazzle Fluo Yellow *

Dazzle Fluo Orange*

Dazzle Fluo Red *

Dazzle Fluo Magenta*

Dazzle Fluo Violet

Dazzle Fluo Pink

Dazzle Fluo Green

Dazzle Fluo Blue

* Optional in the Carnival Mixing System

Application Recommendations

Fabric Types

Primarily Cotton. Dazzle Fluorescents are not low bleed inks but they can be used on Cotton/Polyester Blends and 100%Polyester if a suitable Under base is used to provide bleed resistance. We recommend either one of the two Polyester Whites.

Mesh

From 43 to 120 threads per cm

Stencil

Solvent Resistant Dual Cure Emulsion or Capillary Film

Squeegee

Square Profile. 60 – 90 Shore. Single or triple blend durometer.

Additives

Dazzle Inks are supplied ready for use but can be modified with the following Additives depending on the final effects required. Soft Hand Extender, Curable Reducer, Hi-Stretch Base, Puff Additive and Suede Additive

Flash Temperature / Gel Point

Typically, 65°C / 150°F on preheated pallets.

Cure Temperature

160°C / 320°F for 60 to 90 seconds

Clean Up

For equipment use a Biodegradable Screen Wash. Clean up spills with a suitable absorbent material. Dispose of unused ink responsibly in accordance with local regulations

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