



# CFX DELUXE PROCESS COLOURS

## Waterbased CMYK Set

### Technical Data Sheet

REV. 20240310

#### Key Features

A Medium Solids, PVC, Phthalate and Formaldehyde free aqueous ink system optimized for printing on both automatic and manual equipment.

Formulated as a high productivity ink system with excellent open-time, minimal dot gains and using pigments specifically chosen to provide accurate colour reproduction. Optimized for 120 Mesh a Process base is included with the series to allow for strength adjustment when printing through coarser mesh counts

#### Wash Resistance

CFX Deluxe Process Colours, when correctly cured, will pass most specifier wash tests. For more stringent wash tests the use of a cross linker is recommended. No testing should be carried before a minimum of 24 hours after curing

#### Compliance

All CFX Aqueous ink 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 extremes of temperature.

#### Health and Safety

Please refer to the appropriate MSDS sheet

#### Application Recommendations

##### Fabric Types

100% Cotton and Cotton Polyester Blends  
Suitable for printing on white and light fabrics, discharge and opaque white underbases

##### Mesh

From 71 - 120 threads per cm

##### Stencil

Water resistant Photo-Emulsion

##### Squeegee

Square Profile. 75/90/75 triple durometer

##### Additives

Water based inks can dry on the screen too quickly in low humidity situations. The addition of 2-5% of CFX Stellar Open Time Extender should resolve this issue.

To improve wash fastness and reduce tack we recommend adding 0.25 – 2% Stellar Crosslinker

##### Flash Temperature / Gel Point

Maintaining a pallet temperature of 65°C / 150°F will maximize productivity on Multicolor designs. We recommend flash cures with hot air assistance for maximum efficiency

##### Cure Temperature

160°C / 320°F for 120 to 150 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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