



CFX TD DISCHARGE WHITE & BASE Discharge Series

Technical Data Sheet

REV. 20240310

Key Features

A PVC and Phthalate free aqueous ink system optimized for discharge printing on automatic and manual machines in combination with Stellar Discharge agent. CFX TD Discharge inks can be printed as multicolor designs or as an under base for both CFX aqueous and plastisol inks. The Discharge series has exceptional hand feel and produces brilliant colors on dischargeable fabrics.

Wash Resistance

CFX TD Discharge inks 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 inks are formulated to be PVC & Phthalate Free, meet certain 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

Recommended for dischargeable dyed 100% Cotton fabrics. Always pretest.

Mesh

From 55 to 72 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 crock resistance we recommend 0.5 – 2.0% of CFX Stellar Cross linker.

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

Suggested Mixes

	Dark Shade Mix	Medium Shade Mix	Light Shade Mix
TD Discharge Base	80-90%	50-50%	0-10%
TD Discharge White	10-20%	50-50%	90-100%
Aquatint Pigment Emulsion	5-6%	3-4%	0.5-2%
Stellar Discharge Agent*	5%	5%	5%

* For White prints we recommend 5% Stellar Discharge additive in 100% White. For Ecru Prints we suggest 5% Stellar Discharge Additive in 100% Base. Stir thoroughly and allow to stand for 10 minutes before commencing the print run.

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