



CFX ASTRA SOFT HAND BASE

Soft Hand Printing Paste

Technical Data Sheet

REV. 20240314

Key Features

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

Formulated as a high productivity ink system with excellent open-time and an extremely soft hand and a matt tack free finish

Multi-color printing can be achieved without the need for multiple flashing

Wash Resistance

CFX Astra Soft Hand Base, 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

Suitable for 100% Cotton

Mesh

From 34-90 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

Printing

Aquatint Pigments can be added at up to 6% by weight
We recommend leaving the image area flooded to prevent drying in the screen as well as the use of Open Time Extender and Water misting.

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 - 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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