CFX POLAR WHITE

Opaque Low Bleed White with great Fiber Matt Down

Technical Data Sheet

REV. 20240307

Key Features
Polar White is an opaque, bright, low bleed white specifically formulated for printing on Cotton / Polyester mixed fiber fleece fabrics. With good flash characteristics Polar White is primarily used as an under base.
Suitable for both Manual and Automatic Printing

Wash Resistance
Polar White will pass a minimum of 5 x 60°C wash Cycles when correctly cured. Polar White should not be Dry Cleaned.

Compliance
Polar White is formulated to be Phthalate Free, meet Oekotex standards and does 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

CFX White Plastisol Ink Range
The CFX range of White Plastisol Inks is extensive and currently we offer several different whites to satisfy most requirements. As well as whites for cotton and cotton/polyester blends we offer low bleed whites for difficult Polyester fabrics and a highly elastic White for 100% Lycra and Lycra blend fabrics. Further details are available on request.

Application Recommendations

Fabric Types
Although formulated to primarily be used on Cotton/Polyester Blends it can also be printed on 100% Cotton and 100%Polyester if a suitable Under Base is used for maximum bleed resistance. We recommend either one of the two Polyester Whites or BB Grey.

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
Polar White is supplied ready for use but can be modified with Curable Reducer to lower viscosity. However, any modification will reduce bleed resistance

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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