



# CFX PROCESS COLOURS

## Plastisol CMYK Set

### Technical Data Sheet

REV. 20240314

#### Key Features

A Phthalate Free plastisol ink series formulated for printing on both Manual and Automatic equipment. Utilizing pigments specifically chosen to provide accurate color reproduction.

The CFX process set ensures minimal build up and dot gain.

Optimized for 120 mesh a Process Base is available to adjust color strength through coarser mesh counts.

#### Wash Resistance

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

#### Compliance

All CFX Plastisol Inks 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

#### Application Recommendations

##### Fabric Types

Cotton and Cotton Polyester Blends (White and Light Fabrics)

##### Mesh

From 90 to 140 threads per cm

##### Stencil

Solvent Resistant Dual Cure Emulsion or Capillary Film

##### Squeegee

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

##### Additives

CFX Process Colors are supplied ready for use through 120 mesh. Coarser mesh counts may require the addition of CFX Process Base to adjust color strength.

##### Printing

There is occasional demand for a Process White to be used on some light-colored fabrics. For this we suggest a blend of CFX Process Base and CFX Albany White in a ratio of 2:1 by weight.

##### Flash Temperature / Gel Point

Typically, 65°C / °150oF 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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