CFX ADDITIVES AND MODIFIERS

Technical Data Sheet

REV. 20240314

Key Features
Most CFX Plastisol are supplied ready for use but occasionally it may be, by design, necessary to alter certain characteristics to suit an application. CFX offers 4 such additives

Wash Resistance
The majority of CFX Plastisol inks will pass a minimum of 5 x 60°C wash Cycles when used and cured correctly. The addition of our Additives and Modifiers within the recommended limits will not affect this CFX Plastisol Inks should not be Dry Cleaned.

Compliance
All CFX Additives and Modifiers are formulated to be PVC and Phthalate Free, meet Oekotex standards and do not contain any Substances of Very High Concern. Combining them with any CFX Plastisol ink will not affect this fact. 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

Soft Hand Extender

Formulated to be used primarily as an extender for opaque inks when printing on light or white fabrics. Soft Hand Extender is a complete ink and can be added in any amount without affecting wash fastness. It will impart a softer hand to the ink and make it easier to print but will lower opacity.

Curable Reducer

Occasionally, because of printing parameters, it is necessary to lower the viscosity of a plastisol ink. Curable Reducer is a complete ink and can be added in any amount without affecting wash-fastness or cure characteristics. It will reduce the tackiness of very high viscosity inks improving printability. Typical additions range from 5 – 15% to lower viscosity however Curable Reducer can be added at much higher levels to impart a 'Vintage' washed out look to the print without actually affecting wash resistance.

Puff Additive
Added at low levels (1 – 3%) Puff Additive will improve the opacity of a plastisol ink but could impart some milkiness to the color. When added at levels of 15 – 25% to an opaque Ink Puff Additive creates a Puff Ink which will expand when cured at normal temperatures. We do not recommend higher addition levels than 25%.

Suede Additive
Added at low levels (1-3%) Suede Additive reduces the gloss of a Plastisol ink to give a satin or matt finish. Added at higher levels 10 – 15% creates the appearance of Suede Leather. We do not recommend higher levels of addition.

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For the additives and Modifiers listed above the following aspects are not changed and remain common to the inks being modified.

Stencil, Squeegee, Flash Temperature / Gel Point, Cure Temperature and Clean Up

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