

# Textile Screen

Inks

## TEXCHARGE FF

### Formaldehyde Free Discharge Ink System

*Texcharge FF is a discharge ink system, which produces exceptionally bright, soft handle prints on suitably dyed fabrics*

#### Features

- Brilliant colours - even on dark garments.
- Exceptionally soft handle.
- Excellent wet-on-wet printability.
- Excellent wash.

TEST INKS ON SUBSTRATES  
BEFORE PRODUCTION RUN

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## Curing Information

Texcharge FF inks must be heat cured to produce the discharge result. The curing schedule should be chosen to suit both the dischargeability and heat resistance of the fabric. Care must be taken when using infrared dryers to ensure that prints are fully cured. Best results are achieved when prints are fully cured immediately after printing.

It is essential that drying equipment is fitted with adequate fume extraction

## Fastness

Texcharge FF passes the 5 wash cycle test (each cycle at 40°C for 90 minutes).

## Range

Texcharge FF inks are available in 2 Types

1. FF- 381 Extender Base
2. FF-382 Opaque Extender Base
3. FF-021 White

Available in 1.0 Kg, 5.0 Kg & 20.0 Kg containers.

## Drying

Must be heat cured. 160°C for 2-3 minutes.

## Thinning

If necessary, thin with up to 5% water.

## Wash-up

With water, if ink has not been allowed to dry into the screen. Dried ink must be washed out with Seriwash Universal Screen Wash.

## Mesh

No. 34-43 monofilament for line colours.

No. 90 monofilament for trichromatic printing.

## Stencil Type

Should be water resistant. For optimum stencil life treat with Sericure Stencil Waterproofing Agent.

Recommended: Dirasol 916, Dirasol 25

Diazo Sensitiser

## Coverage & Mesh No.

Up to 10-14 m<sup>2</sup>/kg. No. 43

## Applications

T-shirts, sports wear, fashion wear.

## Fabrics

100% Cotton. Only fabrics specifically prepared for discharge printing.

## IMPORTANT:

Stir well before every use. If a fiber blend is used that requires more than one family of dyestuff, the possibility of incomplete discharge is increased. It is essential that all batches of fabric are pre-tested under production conditions to ensure that acceptable results and fastness are achieved.

### Texcharge FF Activator

Texcharge FF Activator is a liquid and must be mixed into Texcharge FF Inks in the following proportions (working life-8 Hrs):

Texcharge FF Ink	100.0 parts
Texcharge FF Activator	10.0 parts

The Activator should be thoroughly blended into the required colour in a well-ventilated area.

**FF Activator is available in 1.000 Kg Pack size**

### Colours

To produce different colours SQC concentrates can be used in FF-381 extender base or for more opacity in FF-021. Range of SQC concentrates are mentioned below. Matched colours are assessed with activated ink on actual fabric to be printed.

#### SQC Concentrates

SQC 001 Black

SQC 046 Golden Yellow

SQC 057 Primrose Yellow

SQC 103 Orange

SQC 122 Scarlet

SQC 124 Red

SQC 126 Pink

SQC 132 Violet

SQC 203 Blue

SQC 204 Blue R/S

SQC 205 Navy Blue

SQC 314 Green

### Ancillary Products

During printing, fabrics have to be held by means of a pressure sensitive adhesive so that good definition is obtained. Flash Fix, S-Fix Extra and T-Fix Extra Spray Adhesives or Dry sticks Extra are suitable for this purpose. (See relevant Product Information Sheets).

### Environmental Information

Texcharge FF:

Does not contain ozone-depleting chemicals as described in the Montreal Convention.

Texcharge FF Activator:

- Does not contain ozone-depleting chemicals as described in the Montreal Convention.
- Is free of any volatile solvent and is therefore beneficial to the environment when compared to solvent-based products.

### Safety and Handling

Texcharge FF:

- Is formulated to be free from any (toxic) carcinogenic, mutagenic or reprotoxic chemicals.
- Is formulated free from lead and other heavy metals.
- Should be stored away from heat.
- Should be protected from frost.

Comprehensive information on the safety and handling of Texcharge FF screen inks is given in the appropriate Sericol Safety Data Sheets, available on request.

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## Important Note:

The information and recommendations contained in this product information sheet as well as technical advice otherwise given by representative of our company, whether verbally or in writing, are based on our present knowledge and experience. Such information/ technical advice is given in good faith, but without warranty, in view of the many factors that may affect processes or applications as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary.

For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that the products will meet fully the particular requirements of the labels/ brands/ agencies of their clients and also that no proprietary rights and existing laws and legislation are violated.

Our advice does not relieve processors from the responsibility of carrying out their own tests and experiments, nor does it imply any legally binding assurance in respect of properties or suitability for a specific purpose or of the legal status of the listed products.

Our policy of continuous product improvement might make some of the information contained in this product information sheet out of date and users are requested to ensure that they follow current recommendations.

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