

USING FIELDS & FEATURES

- SC – 381 is a discharge extra clear base is used to achieve exceptionally bright / deep color and extra soft hand feel discharged print on fabric dyed with suitable reactive dischargeable dyestuffs. It can be used as a base or coloured with PIGMENT-MIX series pigments.
- It does not dry and block the screen during printing.
- Wash and rub tests are advised to be made 24 hours after curing.



PHYSICAL-CHEMICAL PROPERTIES

Appearance: Transparent Paste

pH : 9-10 (20 °C)

Density : 1.25 g/cm³ (20 °C)

Viscosity : (20 °C) sp: 7, rpm: 20 Brookfield + :
> 15.000 [mPa.s]

APPLICATION

Printing

The best results can be achieved with 43 – 55T mesh.
Please bare in mind that the color strength and quality of the pigment concentrates has a direct effect to print and washing results.

Discharge Activator

Prior to use, SR-600-R discharge activator must be mixed into SC – 381 discharge clear base.
The proportions are stated under Mixture in this brochure.

Mixture

For colouring SC – 381 discharge clear base, PIGMENT-MIX series (3-6%) pigments are added.

PIGMENT-MIX series pigments are recommended.

Recommended formulation for having best discharged effect;

SC – 381 Discharge Base 1 Kg (1000 Gr)

PIGMENT-MIX Series Pigments 3-6% (30-60 Gr)

SR-600-R Discharge Activator 4-8% (40-80 Gr)

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

Prepared ink with activator must be used within 8 hours depending on the temperature of the environment; otherwise color shade will be changed.

To avoid fibrillation after wash or / and to increase washing resistance, S-7100 Fixing Agent (1-3%) can be added.

Do not use / add water to reduce the viscosity.

Stir well before every use.

Do not use any other additives that are not advised.

Used screens and materials can be cleaned with pressure water.

Curing

Should be cured at 160 – 180 °C for 2 minutes.

Washing

Before production washing tests should be made as required. Washing test should be made 24 hours after curing. Check the dryer belt speed and temperature if washing tests are not in required acceptability.

Stencil / Emulsion

Most direct emulsions suitable for water based can be used. Seritex hardener is recommended for hardening.

SAFETY & STORAGE

For optimum shelf life, all products should be stored at moderate temperatures, between 5°C and 30°C. Storage outside of these temperatures may lead to deterioration in the performance of the product. Prevent from freezing.

It should be consumed within 12 months after the production date.

Contact Serimak or supplier for the latest information concerning the compliance of Serimak inks.

In addition users must be aware of potential sources of contamination such as squeegees, flood coaters, screens and curing equipment which may all contribute trace amounts of restricted phthalate materials from previous use with other inks or additives.

PACKING

Available in 30/55 kg containers.



IMPORTANT

The information given above is related to the product mentioned on this brochure and is designed only as using instructions. It is essential that all batches of fabric and prints are pre-tested under production conditions to ensure that acceptable results and fastness are achieved.

USING FIELDS & FEATURES

- SC - 021 is a discharge extra white is used to achieve exceptionally bright white and extra soft hand feel discharged print on fabric dyed with suitable reactive dischargeable dyestuffs.
- It does not dry and block the screen during printing.
- Wash and rub tests are advised to be made 24 hours after curing.



PHYSICAL-CHEMICAL PROPERTIES

Appearance:	White Paste
pH :	9-10 (20 °C)
Density :	1.60 g/cm ³ (20 °C)
Viscosity :	[20 °C] sp: 7, rpm: 20 Brookfield + : > 30.000 [mPa.s]

APPLICATION

Printing

The best results can be achieved with 43 – 63T mesh. Please bare in mind that the color strength and quality of the pigment concentrates has a direct effect to print and washing results.

Discharge Activator

Prior to use, SR-600 -R discharge activator must be mixed into SC - 021 discharge white. The proportions are stated under Mixture in this brochure.

Mixture

Recommended formulation for having best discharged effect;

SC - 021 Discharge White	1 Kg (1000 Gr)
SR-600-R Discharge Activator	4-8% (40-80 Gr)

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

Prepared ink with activator must be used within 8 hours depending on the temperature of the environment; otherwise color shade will be changed.

To avoid fibrillation after wash or / and to increase washing resistance, S-7100 Fixing Agent (1-3%) are added.

Do not use / add water to reduce the viscosity.

Stir well before every use.

Do not use any other additives that are not advised.

Used screens and materials can be cleaned with pressure water.

Curing

Should be cured at 160 - 180 °C for 2 minutes.

IMPORTANT

The information given above is related to the product mentioned on this brochure and is designed only as using instructions. It is essential that all batches of fabric and prints are pre-tested under production conditions to ensure that acceptable results and fastness are achieved.

Washing

Before production washing tests should be made as required. Washing test should be made 24 hours after curing. Check the dryer belt speed and temperature if washing tests are not in required acceptability.

Stencil / Emulsion

Most direct emulsions suitable for water based can be used. Seritex hardener is recommended for hardening.

SAFETY & STORAGE

For optimum shelf life, all products should be stored at moderate temperatures, between 5°C and 30°C. Storage outside of these temperatures may lead to deterioration in the performance of the product. Prevent from freezing.

It should be consumed within 12 months after the production date.

Contact Serimak or supplier for the latest information concerning the compliance of Serimak inks.

In addition users must be aware of potential sources of contamination such as squeegees, flood coaters, screens and curing equipment which may all contribute trace amounts of restricted phthalate materials from previous use with other inks or additives.

PACKING

Available in 30/60 kg containers.

