

USING FIELDS & FEATURES

- S-3100 - 021 is a water based half tone white, used to achieve soft hand feel fine detailed white prints as well as half tone printing.
- Highly increased open time.
- Soft hand feel
- It can be also used as an additive to increase the open time of other Seritex water based white inks.
- Easily cures with flash cure application.
- It does not dry and block the screen during printing.
- High washing fastness.
- Washing and rubbing tests are advised to be made 24 hours after curing.



PHYSICAL-CHEMICAL PROPERTIES

Appearance: White Paste

pH : 8.5-9.5 (20 °C)

Density : 1.10 g/cm³ (20 °C)

Viscosity : (20 °C) sp: 7, rpm: 20 Brookfield + :
> 100.000 [mPa.s]

APPLICATION

Printing

The best results can be achieved with 43 - 63T mesh.

Mixture

To reduce viscosity S-7800 thinner (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 150 - 170 °C for 1,5 - 2,5 minute.

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 20/60 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

- S-3100 - 381 is a water based half tone clear base, used to achieve soft hand feel fine detailed prints as well as half tone printing in textile printing.
- Highly increased open time.
- Soft hand feel
- It can be also used as an additive to increase the open time of other Seritex water based clear base inks.
- Easily cures with flash cure application.
- It does not dry and block the screen during printing.
- High washing fastness.
- Washing and rubbing tests are advised to be made 24 hours after curing.



PHYSICAL-CHEMICAL PROPERTIES

Appearance:	Transparent Paste
pH :	8.5-9.5 (20 °C)
Density :	1.50 g/cm ³ (20 °C)
Viscosity :	(20 °C) sp: 7, rpm: 20 Brookfield + : > 40.000 [mPa.s]

APPLICATION

Printing

The best results can be achieved with 43 - 63T mesh.

Mixture

Recommended formulation;
S-3100 - 381 Water Based Half Tone Clear Base 1000 Gr
PIGMENT-MIX Series Pigments 3-6% (30 - 60 Gr)

To reduce viscosity S-7800 thinner (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 150 - 170 °C for 1,5 - 2,5 minute.

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 20/60 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.