

USING FIELDS & FEATURES

- S-3700 - 021 is an elastic soft hand feel opaque transfer white, used to achieve a soft hand feel without losing elasticity in textile transfer printing. It can be used as back up white in offset and/or screen printing applications.
- Soft hand feel.
- High elasticity.
- 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 :	1.60 g/cm ³ (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

For having better results, S-3710 fixing agent (3-4%) can be used.
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 120 - 130 °C for 1 – 1,5 minute.

Press

Recommended press parameters;
Temperature: 160-180 °C
Press Time: 10 – 12 Second
Pressure: 4 – 6 Bar

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 10 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-3700 - 381 is an elastic soft hand feel transfer clear base, used to achieve a soft hand feel without losing elasticity in textile transfer printing. It can be coloured with PIGMENT-MIX series pigments. It can be used in screen printing applications.
- Soft hand feel
- High elasticity
- 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 :	1.10 g/cm ³ (20 °C)
Viscosity :	(20 °C) sp: 7, rpm: 20 Brookfield + : > 50.000 [mPa.s]

APPLICATION

Printing

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

Mixture

For colouring S-3700 - 381 elastic extra soft clear base, PIGMENT-MIX series (3-6%) pigments are added.
For having better results, S-3710 fixing agent (3-4%) can be used.
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 120 - 130 °C for 1 – 1,5 minute.

Press

Recommended press parameters;
Temperature: 160-180 °C
Press Time: 10 – 12 Second
Pressure: 4 – 6 Bar

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 10 kg containers.

IMPORTANT

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USING FIELDS & FEATURES

- S-3710 is a formaldehyde free fixing agent used in transfer inks, improve washing fastness of water based transfer inks.
- S-3710 added inks will start to lose their physical and mechanical properties after 24 hours, depending on the temperature of the environment. This may lead up to ink being unusable. Therefore S-3710 added inks must be used within 24 hour.



PHYSICAL-CHEMICAL PROPERTIES

Appearance:	White Paste
pH :	10 (20 °C)
Density :	1.00-1.10 g/cm ³ (20 °C)
Viscosity :	(20 °C) sp: 2, rpm: 20 Brookfield + : 100 – 300 [mPa.s]

APPLICATION

Mixture

For having best result, 3-4% are added into all type of water based transfer inks.
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

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 1 kg containers.



IMPORTANT

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