

## USING FIELDS & FEATURES

- SS-420 is an elastic soft hand feel clear base, used to achieve a soft hand feel with high elasticity in textile printing. It can be coloured with PIGMENT- MIX series pigments.
- 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 :	1.00 g/cm <sup>3</sup> (20 °C)
Viscosity :	(20 °C) sp: 7, rpm: 20 Brookfield + : > 60.000 [mPa.s]

### APPLICATION

#### Printing

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

#### Mixture

For colouring SS-420 water based elastic athletic clear base, PIGMENT-MIX series (3-6%) pigments are added. To reduce viscosity 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.

### 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.

### Stencil / Emulsion

ZEBRA -133 tex water resist direct emulsion for normal flat stack volume printing with Stencil hardner.  
zebra 708 - High built stencil for printing on Dark .  
Zebra -809- High definition photo realistic print .

### 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 CATIONIC or supplier for the latest information concerning the compliance of CATIONIC 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 16/55 kg containers.

