

## USING FIELDS & FEATURES

- SS-920 is special polymer hi-breed clear for printing on Cotton / Spandex / Blended active wears and heat sensitive fabrics that needs to be cured at low temperature to avoid shrinkage.
- Self cure ability in conjunction with cool-fix cross linker to avoid dye sublimation on 100% polyester.
- SS 920 is an elastic low cure clear used to achieve an extra soft hand feel without losing elasticity in textile printing.
- Very 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 :	1.50 g/cm <sup>3</sup> (20 °C)
Viscosity :	(20 °C) sp: 7, rpm: 20 Brookfield + : > 125.000 [mPa.s]

### APPLICATION

#### Printing

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

#### Mixture

Recommended formulation for elastic fabrics :

SS 900 elastic self cure white 750-900g

SS 920 elastic self cure flash base 250-100 g  
1 Kg (1000g)

Cool fix cross linker to be added 3% by weight in flash base as well as white to avoid.

Inter-coat adhesion problem

#### Curing

Should be low cured at 135-150C for 2 mins.

For self cure at room temperature for at least 48 hours before wash.

#### 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 20/60 kg containers.

