



# SurfX<sup>®</sup> 13

## FleXTec<sup>™</sup> Series

### Product Description:

The SurfX<sup>®</sup> 13 ink is a Gravure Printing Ink system for Surface Printing application.

This product is recommended for printing on polyolefin films such as PE, PP, PET or BOPP.

RESISTANCE	Surface Printing	Sandwich Printing
Water:	5	N/A
Cold seal adhesive::	N/A	N/A
edible fat/edible oil:	YES	N/A
paraffin:	N/A	N/A
cheese:	N/A	N/A
Acid::	N/A	N/A
deep-freeze resistance:	5	N/A
heat-seal resistance:	YES	N/A

### Suitable For Coating With:

BOPP:	YES
CC - PET:	YES
wax:	-
hotmelt:	-

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## For Lamination With Suitable:

solvent-containing adhesives:	-
solvent-free adhesives:	-

## Solvents (Gravure):

Diluent:	Ethyl Acetate : N-Propyl Acetate / IPA :: 80 : 20 Ethyl Acetate : Ethanol :: 50 : 50
Drying accelerator:	Ethyl Acetate
Drying retarder:	Dowanol PM / Methoxy Propanol

## Substrates:

PE, PP, PET & BOPP

The surface treatment level should be checked before printing to ensure that it is between 38 and 42 dynes/cm<sup>2</sup> or more and adhesion proven before starting a commercial run. For further information contact IranShoraka central office.

## Application and Special Characteristics:

- High Strength Inks
- Excellent solvent release, enabling high press speeds to be used
- Excellent printability and transfer properties.
- Good adhesion on variety of substrates.
- Good bond strength.
- Free of odour.
- Suitable for all presses including High speed.
- Low skin formation during printing.
- Extended blade / cylinder life due to very low abrasion properties
- Good heat resistance (150°C, 3bar, 1 sec Treated PE film, under standard lab conditions).
- Excellent freeze thaw resistance is obtained making it usable for the packaging of frozen food.

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- Can be used for CPP and BOPP printing. Please consult our representative.
- As the application of gravure-printed polyethylene and other films are so varied, the level of slip and certain other properties required in SurfX® 13 ink may be specified in discussion with our technical service personnel.

### Special Instructions:

For Printing on CPP / BOPP substrates special PP Additive is recommended.

Also, for Oil Packaging special OPV is recommended, contact IranShoraka central office.

Handling : 1. Always shake thoroughly before use.  
2. Keep container lid tightly closed.

Packing Available : In 18 Kg Colours, 20 Kg White  
Also in 200 kg and 1000kg.

The inks in their original containers, unopened and stored in adequate conditions are guaranteed for Twelve (12) months. Silver and gold inks six (6) months.

Recommended storage temperature is 10-30°C.

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