



# TreX® 44

## FleXTec™ Series

### Product Description:

The TreX® 44 ink series is a range of highly pigmented multipurpose inks for CI Flexo & Gravure printing application, with a solvent balance optimized to give best results at high press speeds with shallow, fine anilox rollers/cylinders fitted with doctor blades.

This product is recommended for printing on polyolefin films such as PET, PP or BOPP and Reverse printing, Lamination application and with additive surface printing application.

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

The information provided in this leaflet is based on our extended experience and laboratory experiments. The reported values are under standardized printing conditions and the interpretation of the corresponding values may not be extended to general practical applications; values may change due to different conditions and applications as such conditions are beyond our control. We therefore recommend our customers to ensure that the products are appropriate for their purpose. The information provided in this leaflet cannot be used as a basis for claims in law.



### Suitable For Coating With:

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

### For Lamination With Suitable:

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

### Solvents (Gravure):

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

### Solvents (CI Flexo):

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

### Substrates:

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.

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## 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.
- Low odour and solvent retention.
- Suitable for all presses including High speed.
- Low skin formation during printing.
- Extended blade / cylinder life due to very low abrasion properties
- Suitable for Solvent based and solvent less lamination.
- Highly recommended for Food packaging laminates.

## Special Instructions:

Applies to laminations against Treated PE, OPP, CPP, Met BOPP and Met PET.

Can be used for surface printing application when used with 6% Surface additive.

For immediate lamination 3 – 4% Adhesion promoter/Hardener to be used in background solid colour.

TreX® 44 inks can't be mixed with any other ink, mixing can result in gellation or separation.

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

Packing Available : In 18 kg and 1000kg.

The inks in their original containers, unopened and stored in adequate conditions are guaranteed for Nine (9) months. Silver and gold inks Four (4) months.

Recommended storage temperature is 10-30°C.

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