

## ApeX<sup>®</sup> 11

### FleX<sup>™</sup>Tec Series

#### Product Description:

The ApeX<sup>®</sup> 11 ink is a Gravure Printing Ink system for Reverse printing and Lamination application.

ApeX<sup>®</sup> 11 provides excellent properties on CC-PET & BOPP Films.

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

#### Suitable For Coating With:

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

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## For Lamination With Suitable:

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

## 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:

CC - 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.
- 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.
- Maximum ink Curing time is 24 hrs.

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## 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.

**ApeX® 11 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 : White 20 Kg, 200 kg and 1000 Kg  
Rest Colours 18 Kg, 200 Kg and 1000 kg

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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