



FleXTec[™] Series

Product Description:

The ZenX® 12 ink is a Gravure Printing Ink system for Reverse printing and Lamination application, specially designed for alkali, soap and detergent resistant.

ZenX® 12 Provides excellent properties on Poly, CC-PET & BOPP Films.

| RESISTANCE | Surface Printing | Sandwich Printing |
|-------------------------|------------------|-------------------|
| Water: | N/A | YES |
| Soap & Detergent: | N/A | YES |
| edible fat/edible oil: | N/A | YES |
| paraffin: | N/A | YES |
| cheese: | N/A | YES |
| Alkali: | N/A | YES |
| deep-freeze resistance: | N/A | YES |
| heat-seal resistance: | N/A | YES |

Suitable For Coating With:

| BOPP: | YES |
|-----------|-----|
| CC - PET: | YES |
| POLY: | YES |
| 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:

POLY, CC - PET & BOPP

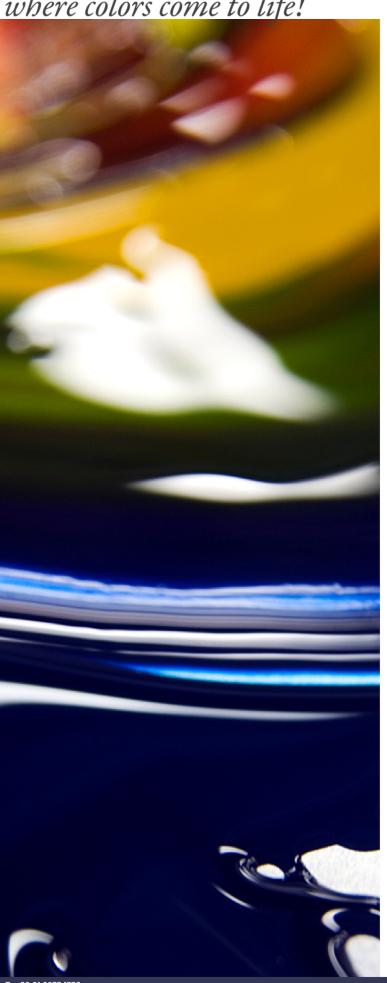
The surface treatment level should be checked before printing to ensure that it is between 38 and 42 dynes/cm2 or more and adhesion proven before starting a commercial run. For further information contact IranShoraka central office.

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.
- Excellent Alkali, soap and detergent resistant properties.
- 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.

ZenX® 12 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 20 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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