



Technical Information

Hiflon BOPP Inks

- **Description**

Toluene-MEK free Reverse lamination / Surface printed application ink for printing on flexible films.

- **Application**

Flexible packaging for confectionary and general purpose product pouches printed on various flexible substrates, Label printing, Milk pouches, Oil pouches, All laminate pouches, Various laminate pouches, Shopping bags

- **Print Process**

Gravure & Flexo

- **Print Substrate**

Heat Sealable BOPP, Paper, Foil, Pearlized BOPP.

- **Key Product Features**

- ✓ Excellent printability and re-solubility
- ✓ Toluene-MEK free ink
- ✓ Heat resistance upto 220⁰ C
- ✓ High color strength
- ✓ Higher bond strength
- ✓ Good deep freeze resistance in surface application
- ✓ Low solvent retention/ low odor

Solvent system	
Normal	Ethyl Alcohol:Ethyl Acetate- 90:10
Retarder	Methoxy Propanol (As required)

- **Shelf Life**

The inks and varnishes of this series have under normal conditions a shelf life of at least 6 months

Normal Conditions means:

- ✓ Storage in tightly closed containers.
- ✓ No admixtures
- ✓ Temperature not exceeding 25⁰C for weeks or 30⁰C for days

Short time excessive-temperatures e.g. at transport are not harmful. The products are not sensitive to frost.

“Over-stored” inks (typical symptoms: fall in gloss, shift in shade, formation of odour and / or viscosity increase) may normally – off color being exceptions - be used the same way as residual inks by controlled admixture to fresh inks.

Increased viscosity due to long-time storage of inks may generally be adjusted by addition of a slightly higher amount of thinner than the usual.

- **Please take note of the following:**

1. The performance results indicated in this literature are only indicative under controlled conditions of laboratory with virgin & standard packaging grade films. Please do not use lower grades or substandard films. HFL, will not take any responsibility for abnormal results
2. Liability: While the information outlined is given in good faith, it does not constitute a guarantee and neither is one implied as to the specific end use suitability of any product. The customers should always evaluate the suitability of products to their own satisfaction
3. HFL is responsible only to the tune of replacing the ink consumed in case of any printing related problems clearly assigned to in-compatibility

- **Remark**

For excellent adhesion on OPP the extra addition of Adhesion promoter may be required. For excellent oil resistance, overprint varnish is recommended. Lamination bonds are dependent on substrate type and quality, adhesive type and film weight applied. Surface resistance properties are dependent on film treatment level and proper curing.

- **Health and Safety**

Read the health and safety guidelines before using these products. The user is responsible for all local legislation requirement and packaging conditions

- **Ink Handling**

Please refer to general guideline for handling inks for flexible packaging

For further information, please contact-

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