



Technical Information

HiPrint Foil Inks

- **Description**

MEK-Toluene free ink formulated for reverse printing by gravure system on aluminium foil where high gloss and high heat resistance is required.

- **Application**

Pharmaceutical medicines, food wrappers

- **Print Process**

Gravure

- **Print Substrate**

Aluminium Foil,chromo paper, blister foil etc

- **Key Product Features**

- ✓ Excellent printability and re-solubility
- ✓ Low solvent retention/ low odour
- ✓ High color strength
- ✓ Higher bond strength
- ✓ Extremely stable and excellent re-usability
- ✓ Suitable for food grade applications (MEK-Toluene free)
- ✓ Excellent half tone reproduction
- ✓ Heat Resistance up to 220°C
- ✓ High quality tonal and fine line printing
- ✓ Good doctor blade life
- ✓ Suitable for speed from 100 M/M to 200 M/M

Solvent System	
Slow	Ethyl Cellosolve:Ethyl Acetate-20:80
Normal	Ethyl Acetate
Retarder	DAA or DPM (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 25°C for weeks or 30°C 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**

Not recommended for surface printing application.

- **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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