

**Technical Information**

HR Paper SPL Inks

- **Description**
NC based surface printing ink for high heat resistance on aluminium foil and paper
- **Application**
Detergent/soap wraps, general confectionary items.
- **Print Process**
Gravure
- **Print Substrate**
Poster paper, chromo paper, blister foil etc.
- **Key Product Features**
 - ✓ Excellent printability and re-solubility
 - ✓ Low solvent retention/ low odour
 - ✓ High color strength
 - ✓ Heat resistance up to 220°C
 - ✓ Excellent scuff resistance
 - ✓ Excellent half tone reproduction
 - ✓ Good doctor blade life
 - ✓ Desired shades can be obtained by intermixing standard colors at press room level.

Solvent System	
Slow	Iso Propyl Alcohol: Ethyl Acetate- 30:70
Normal	Iso Propyl Alcohol: Ethyl Acetate- 50:50
Retarder	Ethyl Cellosolve or Methoxy Propanol

- **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

- **Additional Products**

- **HR Paper Series-** The HR Paper series is also NC based ink but with poorer heat resistance (upto 150⁰C). This ink is most suitable for Poster and Chromo paper printing.

- **Remark**

Not recommended for surface printing application.
For ARSR properties, kindly inform our technical team.

- **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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