



Technical Information

HYDRA AQUACOR INKS

- **Description**

Water Base Printing inks are highly pigmented, water based inks, specially formulated for printing on brown and White craft paper, etc., including special colors, as per customer requirements. In general these Water borne Printing inks are designed to dry quickly on the paper and at the same time remain open for longer duration on the printing machine. These Printing inks give very strong print results (with high mileage) and at the same time lay very evenly on the paper to give very clear and soft to eye print effect. The formulations are based on selected raw materials to give best possible opacity to the ink, as higher opacity is necessary to hide paper. Certain colours, developed with high opacity in mind may contain chrome pigments, where as other may contain certain fugitive dyes to impart very high strength and brightness to the print.

- **Application**

Corrugated Board Cartons (White & Brown Craft), Paper Bags and Multiwall bags.

Print Process

Flexo

- **Print Substrate**

Corrugated Board Cartons (White & Brown Craft), Paper Bags and Multiwall bags **etc.,**

- **Key Product Features**

- ✓ Excellent printability and sharp images.
- ✓ Extremely stable and excellent re-usability
- ✓ Excellent half tone reproduction

- **Reducing Systems**

Recommended by HFL

- **Shelf Life**

The Water borne Printing 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 Water borne Printing 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.
Kindly inform our technical team for ARSR properties.

- **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-

Hindustan Flex Ltd (Formerly known as Vibrant Ink Pvt Ltd)

123/57 Saresh Bagh, Kanpur, Uttar Pradesh

Pin Code- 208012

Phone- 0512 2222386

Email- info@hindustanflex.com

Website- www.hindustanflex.com