

TECHNICAL DATA SHEET

1. DESCRIPTION

Eurokraft RT Water based flexo ink series, with very fast drying speed specification, for corrugated postprinting with flexo presses without any air drying equipment.

2. CHARACTERISTICS

Eurokraft RT inks have:

- Good quality of prints
- High gloss, pending on the adsorption of the substrate.
- Suitable for coated and uncoated papers
- Good dry rub resistance
- Good printability and pH stability even in very long runs
- Formulation without inorganic Filler

3. APPLICATIONS

Eurokraft RT ink series has been especially conceived for printing at high speed and at purpose we adopt resins drying very quickly. Eurokraft HT inks are printed on coated and semicoated papers with flexo presses that are not equipped with a too fine ink metering system and any hot air dryer.

We suggest to print this ink series with medium - high volumes of anyloxes because with too low ink volumes the binder could dry into the anylox cell worsening the printability. We recommend to print process colours with anylox counts of no more than 140-160 lines/cm.

4. SUBSTRATES

Eurokraft RT inks are suitable for the following substrates:

- Kraft Paper
- Semicoated and Coated Paper

5. GENERAL HANDLING

5.1. Storage

- Temperature of storage: from 5°C to 35°C
- Shelf life: 12 months under above conditions

5.2. Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried about in accordance with good industrial practice, observing all the appropriate regulations and guidelines.

For more specific handling advice refer to the Safety Data Sheet (MSDS).

6. PRINTING CONDITIONS

6.1. Printing viscosities

Inks must thoroughly be stirred and homogeneous before reducing with water. The optimum printing viscosity depends on press and running conditions. Good results have been achieved at the following viscosities:

- 17-20 sec at 20 °C (Zahn cup N°4) With a dilution of 10-15% with water.

6.2. Additives

Antifoam:

In the normal printing conditions there is no need of an extra amount of antifoam, in some cases, for very long runs, can be necessary to add low amount of antifoam (0,5- 1%) for a better foaming control at the ink pot. We suggest to predilute with water (1:1) the antifoam before adding.

6.3. Wash up solvents

Water solutions of ethanol and detergents.

6.4. Cylinders / Plates

Eurokraft RT are suitable for all types of anilox and different types of plates.

7. END-USE SAFETY

Acceptable technical performance of Eurokraft RT inks is dependent on:

- Adequate drying on press (to ensure that the print is dry before conversion)
- Correct laminate structure
- Control of any migratable substances within the print, film or adhesives
- Suitable adhesive used in accordance with supplier recommendations

Choice and control of film weight, drying, substrate and adhesives are printer technical requirements for which the Euroink Distribution technical team can provide assistance in the form of suggestions or direct support.

Food Packaging: It is the ultimate responsibility of the food packaging supply chain to ensure packaged food is safe. With regard to potential migration of substances in to food from the printed packaging, it is the responsibility of the converter and food packager to ensure that no such migration occurs beyond permitted regulatory levels.

To fulfill its responsibility within the supply chain Euroink Distribution will provide details to the customer of potential migratable components, where present in its inks, through the preparation and communication of a 'Statement of Composition'.

8. DISCLAIMERS

The list of applications, substrates and processes provided in this document is not exhaustive. Please contact your local Euroink Distribution representative for full technical evaluation of your application or process.

9. TECHNICAL ASSISTANCE / CONTACTS

For further information, please contact your local Euroink Distribution team.

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Our Products are intended for sale to professional users. The information herein is general information designed to assist customers in determining the suitability of our products for their applications. All recommendations are made without guarantee, since the application and conditions of use are beyond our control. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein. In no event shall Euroink Distribution be liable for damages of any nature arising out of the use or reliance upon this information. Modifications of the product for reasons of improvements might be made without further notice.

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