

TECHNICAL DATA SHEET

1. DESCRIPTION

Eurokraft HT Water based flexo ink for corrugated postprinting on brown and white Kraft, coated and semicoated board.

2. CHARACTERISTICS

Eurokraft HT inks have:

- Good gloss, pending on the absorption of the substrate
- Good drying speed (Air dryers are requested for coated substrates)
- Good printability and pH stability even in very long runs
- Good reversibility on press (it is advisable not to leave the ink drying on printing units)
- Good dry rub resistance of prints
- Low odor (no ammonia free)
- No Filler containing
- Suitable for presses with chambered doctor blade

3. APPLICATIONS

Surface flexo printing of corrugated coated paper. The series is suitable for standard volume aniloxes (80 – 160 lines/cm).

4. SUBSTRATES

Eurokraft HT inks are suitable for the following substrates:

- Kraft Paper
- Liners (white, bleached, mottled)
- Clay coated and semicoated papers

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:

- 25-30 sec at 20 °C (Zahn cup N°4) With a dilution of 15-20% with water, it is advisable not to go lower than 18 – 20 sec Zahn 4

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 HT are suitable for all types of anilox and different types of plates.

7. END-USE SAFETY

Acceptable technical performance of Eurokraft HT 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.

05 January 2023

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