

TECHNICAL DATA SHEET

1. DESCRIPTION

Eurokraft FL Eurokraft FL is a water based flexo ink suitable for printing paper bags and paper sacks. The inks are matt and have good anti-slip effect.

2. CHARACTERISTICS

Eurokraft FL ink have:

- Good stability
- Good drying speed
- Good scratch resistance
- High colour strength
- Good printability

3. APPLICATIONS

The series was created for printing on medium and high paper-weight used for making bags and sacks.

The particular formulation also enables the printing for wrapping paper, in this case the best results are obtained with two passes with 120 lines anilox.

In the case of use for paper for food packaging, the inks, must be formulated with selected pigments that pass the test of transfer on contact with water provided by the DM sez. C of 22/12/1967 (referred to in Article 31 of DM 21/03/1973).

4. SUBSTRATES

Eurokraft FL inks are suitable for the following substrate:

- White kraft paper
- Brown kraft paper

5. GENERAL HANDLING

5.1. Storage

- Eurokraft FL inks are not considered flammable.
- Temperature of storage : from 5°C to 30°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 with Eurokraft FL inks at the following viscosities:

- 16-25 sec (Din cup N°4)

To slow the drying speed small amounts (2-4%) of a water suitable retarder can be used.

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

Due to the properties of the binder of this ink series , it is advisable not to let the printing cylinders be stopped for a long while as the system dries rapidly and is hardly reversible. On pauses or in case of forced stops , empty the ink pot and wash promptly the anilox with a detergent solution.

We suggest our detergent solution code 906020283 to be used in a diluted form (70 water – 30 detergent) for a deep washing and (100 water – 10 detergent) for cleaning daily maintenance operations and for plates.

7. END-USE SAFETY

Acceptable technical performance of **Eurokraft FL** 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 ink is not intended to direct food contact.

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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