

TECHNICAL DATA SHEET

1. DESCRIPTION

Eurokraft Gloss Water based flexo and roto ink series for printing on many kinds of paper for bags and sacks.

2. CHARACTERISTICS

Eurokraft Gloss 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 Gloss ink series has been especially conceived for high quality's postprint on coated corrugated paper; over the years the features of this formulation have led to extend the use of the series to all types of papers and printing techniques (flexo and rotogravure).

- Flexo: the series is suitable for low volume aniloxes equipped, with doctor blade (or chambered doctor blade) and air driers.
- Rotogravure: we advise helioclisiographic electronic engraving with 70/80 lines screens and 25 microns depth

4. SUBSTRATES

Eurokraft Gloss 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:

- Flexo: 17-20 sec at 20 °C (Din cup N°2) with a dilution of 15%-20% with water
- Roto: 14-16 sec at 20 °C (Din cup N°2) with a dilution of 25%-30% 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 Gloss are suitable for all types of anilox and different types of plates.

7. END-USE SAFETY

Acceptable technical performance of Eurokraft Gloss inks is dependent on:

- Control of film weight
- Adequate drying on press (to ensure that the print is dry before conversion)

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.

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



FLEXOGRAPHIC INKS, MASTERBATCHES AND ADDITIVES

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