

General-purpose black inks

The Linx range of general-purpose black inks for CIJ printers offers outstanding performance under the most common application conditions. These dye-based inks have excellent adhesion and contrast on a wide range of porous and non-porous materials such as paper, card, metal, glass, and many plastics. They are therefore ideal for most general

packaging applications. The inks also offer resistance to many chemicals commonly encountered in production and user environments such as water, alkali, acid, and detergent. For a full profile of each ink, including printer compatibility, refer to the 'Summary of the Linx range of dye-based inks' datasheet.

■ Black 1010	■ Black ethanol 2035
■ Black plastic-adherent 1014	■ Black mixed base 3103
■ Black fast-drying 1240	■ Black 3203
■ Black ultra fast-drying 1405	■ Black 3240
■ Black ethanol 2030	■ Black 3401



■ Black 1010

Fast-drying ink with a strong black colour that does not change or deteriorate when subject to 'retort', cooking or sterilization, and pasteurization procedures. Ideal for the food, healthcare, and medical industries where a printed code must withstand temperatures of up to 200°C.



■ Black fast-drying 1240

Our most cost-effective, all-around performing ink. It offers outstanding adhesion on most materials, high colour intensity, and light fastness. Suitable for a wide range of general packaging and industrial applications.



■ Black plastic-adherent 1014

Especially suited for coding onto PET. Also suitable for most plastic materials such as ABS, acrylic, nylon, PET, polycarbonate, PVC, and uPVC.



■ Black ultra fast-drying 1405

With a drying time of under a second, this ink is ideal for high-speed packaging lines such as flow wrap or bottling. Has an acetone base so a good alternative to MEK-based inks.

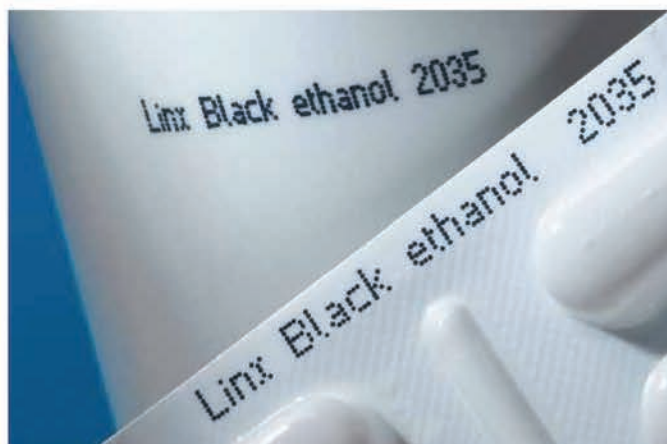


General-purpose black inks



■ Black ethanol 2030

Low in odour and MEK and ketone-free. Suitable for 'closed' environments including food and pharmaceutical industries.



■ Black ethanol 2035

Low in odour and MEK and ketone-free. Suitable for 'closed' environments including food and pharmaceutical industries.



■ Black mixed base 3103

Fast-drying ink that does not contain MEK. Has a low odour and adheres to a wide range of substrates including paper, card, plastic, and flow wrap.



■ Black 3203

MEK-free with MEK-type attributes for adhesion, print quality, and dry time. Lower solvent consumption than MEK. Complies with INCB regulations and meets Swiss food ordinance SR 817.023.21.



■ Black 3240

MEK-free ink with excellent performance on a wide range of substrates including plastics and glass.



■ Black 3401

Fast-drying, MEK, and Acetone-free ink. Suitable for ketone-free sites and INCB-regulated countries. Adheres well to a wide range of substrates including aluminum foil.

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INK FEATURES	INK / SOLVENT BASE	DRYING TIME	RECOMMENDED LINX SOLVENT
Black 1010	MEK	1-2 seconds	1505
Black plastic-adherent 1014	MEK	1-2 seconds	1505
Black fast-drying 1240	MEK	1-2 seconds	1512
Black ultra fast-drying 1405	Acetone	0.5-1 seconds	1705
Black ethanol 2030	Ethanol	3-5 seconds	2500
Black ethanol 2035	Ethanol	3-5 seconds	2500
Black mixed base 3103	Ethanol / Acetone	1-3 seconds	3501
Black 3203	Ethanol / DEK	2-3 seconds	3703
Black 3240	Diethyl keton / Acetone	2-4 seconds	3710
Black 3401	Methyl acetate / Ethanol	1-3 seconds	3905



Quality assurance

It is always recommended that only Linx continuous ink jet inks and solvents are used in Linx printers, as substitutes can affect printer performance or cause printer failure.

Linx inks and solvents are formulated specifically for use in Linx printers to ensure performance and reliability.

They are manufactured to certified and verifiable ISO 9001 quality procedures, and ISO 14001 environmental management systems.

All raw materials are screened and audited to comply with new legislation to ensure a continuously safe and legal supply.

Ink handling guidelines

Linx takes great care to ensure that none of their CIJ inks and solvents are classified as 'Toxic to Health' or 'Environmentally Damaging'.

Details of safety precautions for handling these fluids can be found on the relevant Safety Data Sheets.

Ink and solvent storage and use

Storage:
Between +15°C and +25°C

Operating temperature:
Between +5°C and +45°C

Ink overviews

For advice on individual applications, please consult Linx or your local Linx Distributor.

