

# General-purpose black inks



The Linx range of general-purpose black inks for CIJ printers offers outstanding performance under 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 3240            |
| ■ Black ultra fast-drying 1405 | ■ Black 3401            |
| ■ Black ethanol 2030           |                         |



## ■ Black 1010

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



## ■ Black plastic-adherent 1014

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



## ■ Black fast-drying 1240

Our most cost-effective, all round 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 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 1010
- Black plastic-adherent 1014
- Black fast-drying 1240
- Black ultra fast-drying 1405
- Black ethanol 2030
- Black ethanol 2035
- Black mixed base 3103
- Black 3240
- Black 3401



## ■ 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 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 aluminium foil.

## Ordering pack options

INK FEATURES	INK / SOLVENT BASE	DRYING TIME	RECOMMENDED LINX SOLVENT	ORDERING PACK OPTIONS			
				5 Litre	1 Litre	EasiPacks	Combipacks
<b>Black 1010</b>	MEK	1-2 seconds	1505	Yes	Yes	Yes	Yes
<b>Black plastic-adherent 1014</b>	MEK	1-2 seconds	1505	Yes	Yes	Yes	Yes
<b>Black fast-drying 1240</b>	MEK	1-2 seconds	1512	Yes	Yes	Yes	Yes
<b>Black ultra fast-drying 1405</b>	Acetone	0.5-1 seconds	1705	Yes	Yes		Yes
<b>Black ethanol 2030</b>	Ethanol	3-5 seconds	2500	Yes	Yes		Yes
<b>Black ethanol 2035</b>	Ethanol	3-5 seconds	2500	Yes	Yes		Yes
<b>Black mixed base 3103</b>	Ethanol / Acetone	1-3 seconds	3501	Yes	Yes	Yes	Yes
<b>Black 3240</b>	Diethyl keton / Acetone	2-4 seconds	3710	Yes	Yes		Yes
<b>Black 3401</b>	Methyl acetate / Ethanol	1-3 seconds	3905	Yes	Yes	Yes	Yes

## 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.

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.

## Ordering options for Linx inks and solvents

**Standard 5 litre packs**  
(10 x 0.5 litre bottles/cartridges of either ink or solvent) for customers requiring at least 5 litres of ink per year.

**1L packs**  
(2 x 0.5 litre bottles/cartridges of ink) for customers using less than 2 litres of ink per year.

**EasiPacks**  
(10 x 0.5 litre bottles/cartridges of ink in 1 litre packs) for customers requiring the flexibility to subdivide a 5 litre box.

**Combipacks\***  
(4 x 0.5 litre bottles of ink and 6 x 0.5 litre bottles of matching solvent) for customers requiring less than 5 litres of ink per year.

\*Not available for the 8900 Series of printers

## 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.

# General-purpose black inks

---



For more information, contact Linx Printing Technologies Ltd, Linx House, 8 Stocks Bridge Way, Compass Point Business Park, St Ives, Cambs, PE27 5JL, UK. **Telephone** +44 (0)1480 302100 **Fax** +44 (0)1480 302624 **Email** [sales@linxglobal.com](mailto:sales@linxglobal.com) **Website** [www.linxglobal.com](http://www.linxglobal.com)

Linx is a registered trademark of Linx Printing Technologies Ltd.  
© Linx Printing Technologies Ltd 2017