

# Process specific inks



Designed for more challenging applications where the substrates are subjected to additional processes e.g. where the printed code needs to change colour or be removed. For a full profile of each ink, including printer compatibility, refer to the 'Summary of the Linx range of dye-based inks' datasheet or 'Summary of the Linx range of pigmented inks' for 1370 ink.

- Black water-removable 1035
- Black alkali-removable 1070
- Black alcohol-resistant 1075
- Black 1085
- Thermochromic purple to pink 1281
- Thermochromic black to blue 1291
- Black UV-cure 1370
- Blue wetness-indicator 2040



## ■ Black water-removable 1035

For situations where a temporary code is needed, and removed with water, such as returnable crates or kegs, or internal traceability in the steel or pcb industry. Excellent adhesion onto steel, aluminium and many plastics.



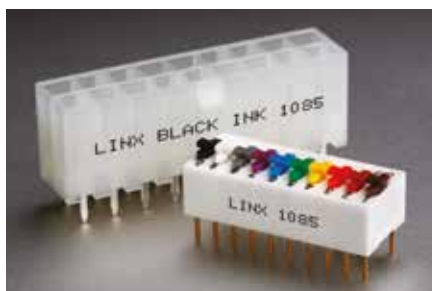
## ■ Black alkali-removable 1070

This ink is water-resistant when dry but can be easily removed with detergent or dilute alkali. Suitable for coding reusable dry glass and metal containers used by the beverage industry.



## ■ Black alcohol-resistant 1075

A fast-drying ink formulated to give a high level of resistance to chemicals that are commonly used in the cleaning of electronic components. Also ideal for general packaging of alcohol-rich products.



## ■ Black 1085

A fast-drying ink designed to meet the coding needs of the electronics industry. Free from heavy metals and halogens and resists alcohol washes.



## ■ Thermochromic purple to pink 1281

## ■ Thermochromic black to blue 1291

Undergoes a colour change when subjected to wet heat conditions such as retort processes in the food industry. Provides a visual indicator that products have undergone the sterilisation process. Also suitable for non food applications such as metal components and extruded plastics. After colour-change the ink also resists chemicals commonly found in production environments.



## ■ Black UV-cure 1370\*

A fast-drying ink, pigmented ink which has increased solvent and abrasion resistance, as required by some electronics, aerospace/ military or automotive industries where aggressive solvents may be used after coding. Requires curing with a UV lamp.



## ■ Blue wetness-indicator 2040

A specialist ink developed for the baby/adult nappy markets. When exposed to water or urine the inks fades from blue through pink to colourless. Includes a special hypoallergenic formulation which makes it suitable for incidental skin contact.

\* Meets US MIL-STD0202G specification on most substrates.

# Process specific inks

## Ordering pack options

INK FEATURES	INK / SOLVENT BASE	DRYING TIME	RECOMMENDED LINX SOLVENT	ORDERING PACK OPTIONS			
				5 Litre	1 Litre	EasiPacks	Combipacks
<b>Black water-removable 1035</b>	MEK	1-3 seconds	1535	Yes	Yes	Yes	Yes
<b>Black alkali-removable 1070</b>	MEK	1-3 seconds	1560	Yes	Yes	Yes	Yes
<b>Black alcohol-resistant 1075</b>	MEK	1-2 seconds	1575	Yes	Yes	Yes	Yes
<b>Black 1085</b>	MEK	1-2 seconds	1585	Yes	Yes	Yes	Yes
<b>Thermochromic purple to pink 1281</b>	MEK	2-4 seconds	1545	Yes	Yes	Yes	Yes
<b>Thermochromic black to blue 1291</b>	MEK	2-4 seconds	1545	Yes	Yes	Yes	Yes
<b>Black UV-cure 1370</b>	MEK	1 second (cures)	1670	Yes	Yes	Yes	Yes
<b>Blue wetness-indicator 2040</b>	Ethanol	3-5 seconds	2505	Yes	Yes	Yes	Yes

## 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.