

Process specific inks



Designed for more challenging applications where products are subjected to additional processes after coding e.g. sterilisation, fluid washes, chemicals, or curing. 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 retort 1077
- Black 1085
- Thermochromic purple to pink 1281
- Thermochromic black to blue 1291
- Black UV-cure 1370
- Blue wetness-indicator 2040
- Black alcohol-resistant 3085



■ 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.



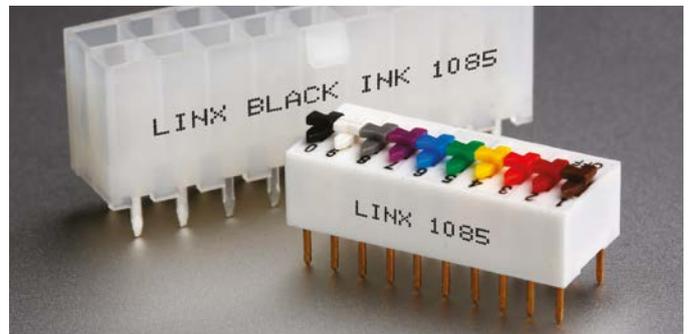
■ Black alcohol-resistant 1075

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 retort 1077

Specially formulated to resist moisture, colour change and transference. Ideal for consistent coding through pouch and can retort applications where the contents are cooked in the packaging after they are coded.



■ 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.

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- ThermoChromic purple to pink 1281
- ThermoChromic black to blue 1291

Undergoes a chemically-resistant colour change when subjected to wet heat conditions, such as retort processes in the food industry. Provides a visual indicator that products have undergone a sterilisation process.



- 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.



- Black UV-cure 1370*

A fast-drying 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.



- Black alcohol-resistant 3085

A fast-drying MEK-free ink formulated to resist alcohol and aqueous alcohol mixtures. Ideal for general packaging and containers that are subjected to alcohol during processing.

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
Black water-removable 1035	MEK	1-3 seconds	1535	Yes	Yes	Yes	Yes
Black alkali-removable 1070	MEK	1-3 seconds	1560	Yes	Yes	Yes	Yes
Black alcohol-resistant 1075	MEK	1-2 seconds	1575	Yes	Yes	Yes	Yes
Black retort 1077	MEK	1-2 seconds	1577	Yes	Yes	Yes	No
Black 1085	MEK	1-2 seconds	1585	Yes	Yes	Yes	Yes
Thermochromic purple to pink 1281	MEK	2-4 seconds	1545	Yes	Yes	Yes	Yes
Thermochromic black to blue 1035	MEK	2-4 seconds	1545	Yes	Yes	Yes	Yes
Black UV-cure 1370	MEK	1 second (cures)	1670	Yes	Yes	Yes	Yes
Blue wetness-indicator 2040	Ethanol	3-5 seconds	2505	Yes	Yes	Yes	Yes
Black alcohol-resistant 3085	MIPK	1-3 seconds	3585	Yes	Yes	Yes	No

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.