



**Fast drying**

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**Excellent resistance to most solvents**

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**Excellent light-fastness**

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**Suitable for printing onto a wide range of materials**

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**Excellent abrasion resistance**

## Linx Black UV-cure ink 1370

Linx Black UV-cure ink 1370 is a fast drying UV curable ink developed specifically to meet the requirements of increased solvent and abrasion resistance in specific industries, including electronics, aerospace/military and automotive where aggressive solvents are commonly used in the post print process.

Product	Printers	Adhesion	Key Industries
Linx Black UV-cure ink 1370 Linx Solvent for UV-cure ink 1670	Linx 5900 printer Linx 7900 printer	Exhibits excellent adhesion on many substrates including ABS, acrylic, polycarbonate, nylon, polyester (PET), aluminium, stainless steel, and glass	Cabling Electronics (PCB's) Aerospace Military Automotive

Conventional ink jet inks dry by evaporation of solvent after printing, and this occurs as a natural process. A UV-cure ink jet ink differs from this, as it dries only after the ink is passed through a specified UV lamp system. This process is called curing, hence the term UV-curing inks. On curing, the ink dries to form a solid ink film. The ink will remain in a liquid form unless it is cured.

Linx Black UV-cure ink 1370 is a black pigmented, cationic ink. When cured, it exhibits excellent resistance to most aggressive solvents on a wide range of substrates, and superior adhesion to most conventional CIJ inks available in the market. This ink is an ideal solution for those applications where permanency of code is required. Being a cationic ink, unlike other free radical UV inks available in the market, the ink has less risk of incomplete curing and hence is a far more reliable solution to solvent resistance.

Linx Black UV-cure ink 1370 has been tested to meet US MIL-STD-202G (the United States military standard specification) on most substrates.



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## Product overview

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### Linx Black UV-cure ink 1370

Ink/solvent base	Methyl ethyl ketone (MEK)
Colour system	Black pigment
Drying time	Instantaneous under intense UV light
Recommended solvent	Linx solvent for UV-cure ink 1670

Important note: The ink bottle should be shaken vigorously by hand before use to re-disperse the pigment.

## Quality assurance

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- 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
- Every bottle of ink and solvent is uniquely identified to ensure that it can be traced back through the manufacturing process and has a "use-by" date which guarantees performance throughout its shelf-life

## Linx printers

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Linx Black UV-cure ink 1370 is compatible with the current range of Linx printers fitted with Mk7 Midi *plus*, Ultima *plus* and straight and right-angled printheads, and is suitable for printing up to five lines of text.

Further information about the current range of Linx printers, is available from our Sales Office and on the Linx website at [www.linxglobal.com](http://www.linxglobal.com).

## Ink and solvent storage and use

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Linx Black UV-cure ink 1370 and 1670 solvent should be stored between +15°C and +25°C. The ink should not be exposed to light (daylight or artificial) prior to use.

Linx Black UV-cure ink 1370 can be used at normal printer operation temperatures i.e. between +5°C and +40°C.

Shelf-life of Linx Black UV-cure ink 1370 is at least 6 months from the date of despatch from Linx. Shelf-life of 1670 solvent is at least 18 months from the date of despatch.

## Ink handling guidelines

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For details please see the Material Safety Data Sheet.

## Ordering options for Linx inks and solvents

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There are four different options to suit different usage patterns:

- Standard 5 litre packs (10 x 0.5 litre bottles of either ink or solvent) for customers requiring at least 5 litres of ink per half year
- Easypacks (10 x 0.5 litre bottles of ink packed in five inner boxes each containing two bottles) for customers who buy centrally for onward distribution to a number of different manufacturing lines or sites
- 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 half year
- 1L packs (2 x 0.5 litre bottles of ink) for customers using less than 2 litres of ink per half-year – subject to availability. Please contact your local sales office.

See [Linx Black UV-cure ink 1370 for yourself](#).

Contact our Sales Office or your local Linx distributor to arrange for a sample of your product to be printed with Linx Black UV-cure ink 1370.

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