Contrasting inks

The Linx range of contrasting inks for CIJ printers deliver vivid codes, in a variety of colours, across a range of substrates, including rubbers, plastics and metals. These pigmented inks are MEK based inks and offer excellent light-fastness (for products stored or used outside), heat and chemical splash resistance. They are used extensively in cabling and pipe extrusion, auto and aero parts marking, electronics as well as packaging. Some Linx contrasting inks require the Spectrum variant of ink jet printer. For a full profile of each ink, including printer compatibility, refer to the 'Summary of the Linx range of pigmented inks' datasheet.

- Black pigmented 1009
- Blue pigmented 1033
- Yellow pigmented 1039
- Opaque blue 1043
- Blue pigmented 1053
- White pigmented 1059
- Yellow pigmented 1079
- Brilliant white 1305
- Brilliant white 1306
- High-opacity grey 1310
- High-opacity grey 1311
- Brilliant white 1316
- White cable ink 1320

Black pigmented 1009

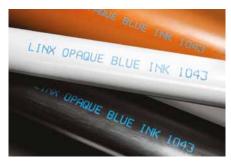A dense black ink giving good colour contrast especially on plasticised and unplasticised PVC.

Blue pigmented 1033

Good colour contrast on light coloured substrates, especially PVC, ideal for cable and pipe extrusions.

Yellow pigmented 1039

Good colour contrast on dark coloured contrasts across a range of substrates, especially PVC. Suitable for electronic components, rubber mouldings and jar enclosures.

Opaque blue 1043

Good contrast on dark and light coloured substrates, ideal for cabling and pipe extrusions as well as building and packaging materials.

Blue pigmented 1053

A lighter blue ink than 1043 but with a wider adhesion profile, including glass, metal and plastic, especially PVC.

White pigmented 1059

Good contrast on black or other dark coloured materials, resists migration and transfer, and is particularly suited to coding onto plastics, especially PVC.

Yellow pigmented 1079

Good colour contrast on dark coloured substrates, with a wider adhesion profile than 1039, including glass.

Brilliant white 1305

A heavily pigmented ink that gives a highly opaque white print for excellent contrast and legibility on dark coloured substrates. It withstands a high level of heat, light and solvent and is suitable for a range of specialist applications, including plastic but particularly PE.

L I N X

Ink list

- ■ Black pigmented 1009
- ■ Blue pigmented 1033
- ■ Yellow pigmented 1039
- ■ Opaque blue 1043
- ■ Blue pigmented 1053
- ☐ White pigmented 1059
- ■ Yellow pigmented 1079
- ☐ Brilliant white 1305
- ☐ Brilliant white 1306
- ■ High-opacity grey 1310
- ■ High-opacity grey 1311
- ☐ Brilliant white 1316
- ☐ White cable ink 1320

☐ Brilliant white 1306

A heavily pigmented ink with highly opaque print on dark substrates. It resists a high level of heat, light and solvent, and is faster drying than 1305. Particularly good on plastics.

■ High-opacity grey 1310

A heavily pigmented ink with outstanding opacity and contrast on any colour of substrate, including grey. Good performance across a range of materials, including PVC.

■ High-opacity grey 1311

A heavily pigmented ink with outstanding opacity and contrast on any colour of substrate, including grey. Good performance across a range of materials, including PVC. Faster drying than 1310.

☐ Brilliant white 1316

A heavily pigmented ink with outstanding clarity on dark coloured substrates, including PE. Can be used with the Linx Midi and Ultima printheads, offering a smaller size of code.

☐ White cable ink 1320

A heavily pigmented ink with outstanding clarity on dark coloured substrates. Offers excellent adhesion to all types of PE making it particularly suitable for cable.

Ordering pack options

INK FEATURES	INK / SOLVENT BASE	DRYING TIME	RECOMMENDED LINX SOLVENT	ORDERING PACK OPTIONS			
				5 Litre	1 Litre	EasiPacks	Combipacks
Black pigmented 1009		1-2 seconds	1505	Yes	Yes	Yes	Yes
Blue pigmented 1033		1-2 seconds	1505	Yes	Yes	Yes	Yes
Yellow pigmented 1039		1-2 seconds	1505	Yes	Yes	Yes	Yes
Opaque blue 1043		1-2 seconds	1505	Yes	Yes		Yes
Blue pigmented 1053		1-2 seconds	1505	Yes	Yes	Yes	Yes
White pigmented 1059		1-2 seconds	1505	Yes	Yes	Yes	Yes
Yellow pigmented 1079		1-2 seconds	1505	Yes	Yes	Yes	Yes
Brilliant white 1305		5-9 seconds	1605	Yes	Yes	Yes	Yes
Brilliant white 1306		3-5 seconds	1606	Yes	Yes	Yes	Yes
High-opacity grey 1310		5-9 seconds	1605	Yes	Yes	Yes	Yes
High-opacity grey 1311		3-5 seconds	1606	Yes	Yes	Yes	Yes
Brilliant white 1316		3-5 seconds	1606	Yes	Yes	Yes	Yes
White cable ink 1320		3-5 seconds	1530	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 of either ink or solvent) for customers requiring at least 5 litres of ink per year.

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

EasiPacks
(10 x 0.5 litre bottles 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.

Contrasting inks