

INXJet™ I32 Premium Digital Ink

INXJet I32 is a UV-curable digital ink developed for wide-format printers equipped with **Epson® I3200** printheads.

Formulated for excellent jetting performance and broad substrate compatibility, I32 works seamlessly on a wide range of flexible materials as well as on rigid and semi-rigid substrates.

Its **TPO-free formulation** offers safer handling and consistent, high-quality results across diverse printing conditions — from UV DTF film applications to signage and display graphics.

PRODUCT FEATURES

- Low Odor
- **TPO- Free** ink technology
- Compliant with **EuPIA Exclusion Policy**
- Designed for **Epson® I3200** printheads
- Suitable for flexible, rigid, and semi-rigid materials
- Compatible with **UV DTF film printing**
- Stable jetting and smooth drop formation
- Fast curing under LED and Mercury lamps
- Excellent adhesion and durability
- Backed by INX's Worldwide Ink Train Warranty

PACKAGING & COLORS AVAILABLE

6 Colors available.

Cyan
Magenta
Yellow
Black
White
Clear Varnish

01 Liter Bottle – MOQ: 6 LT

Application

Our products provide the best performances required by different applications and markets. Discover how many applications you could cover with this product.

- Indoor and outdoor signage
- POS/POP displays
- Self-adhesive vinyls
- Rigid and semi-rigid panels (PVC, polystyrene, foamboard)
- Semi-rigid media (foamboard, polystyrene)
- DTF UV transfer films
- Promotional graphics

*Conditions apply. This information has been carefully studied from experience gained in the laboratory and in commercial situations. It is subject to change without notice. All sales are subject to our standard terms and conditions of sale. Since applications vary tremendously, the user assumes the obligation to test this product in their specific situation to determine its suitability and assumes all risk and liability related to such use. INX Digital makes no warranty, express or implied, for the use of the product for any particular application. In no event shall INX Digital be liable for damages in excess of the original cost of the product, nor shall INX Digital be liable for any special or consequential damages.

How to Purchase?

To place an order, please send an email to czorders@inx europe.com specifying the product codes listed below and the required quantities.

Please note that each order must meet the **Minimum Order Quantity (MOQ)** for each packaging type, and quantities should be ordered in **multiples of the MOQ**.

Color	01LT Bottle
MOQ: 6 Liters	
Cyan	1712369-01LT
Magenta	1712370-01LT
Yellow	1712371-01LT
Black	1712372-01LT
White	1712373-01LT
Clear Varnish	1712374-01LT

*Conditions apply. This information has been carefully studied from experience gained in the laboratory and in commercial situations. It is subject to change without notice. All sales are subject to our standard terms and conditions of sale. Since applications vary tremendously, the user assumes the obligation to test this product in their specific situation to determine its suitability and assumes all risk and liability related to such use. INX Digital makes no warranty, express or implied, for the use of the product for any particular application. In no event shall INX Digital be liable for damages in excess of the original cost of the product, nor shall INX Digital be liable for any special or consequential damages.

Typical Physical Properties

The physical properties listed below are determined through standardized laboratory tests and are intended to provide a reference framework for product performance. These values help identify the most suitable ink configuration for different substrates and printing conditions.

Color	Viscosity (45°)	Surface Tension	Cure Dosage (Mercury Lamp)	Density
Cyan	4.30 – 5.30 mPa*s/45C	23.00 – 25.00 MN/m	100 - 200 mJ/cm2	1020 – 1080 Kg/m3
Magenta	4.30 – 5.30 mPa*s/45C	23.00 – 25.00 MN/m	100 - 200 mJ/cm2	1020 – 1080 Kg/m3
Yellow	4.30 – 5.30 mPa*s/45C	23.00 – 25.00 MN/m	100 - 200 mJ/cm2	1020 – 1080 Kg/m3
Black	4.30 – 5.30 mPa*s/45C	23.00 – 25.00 MN/m	100 - 200 mJ/cm2	1020 – 1080 Kg/m3
White	4.30 – 5.30 mPa*s/45C	23.00 – 25.00 MN/m	100 - 200 mJ/cm2	1100 – 1200 Kg/m3
Clear Varnish	4.30 – 5.30 mPa*s/45C	23.00 – 25.00 MN/m	100 - 200 mJ/cm2	1020 – 1080 Kg/m3

Lightfastness

The testing method involves exposing the printed material to artificial light that simulates sunlight alongside a wool counter-sample printed with eight grades of blue dye, known as the Blue Wool Scale.

Color	Lightfastness*
Cyan	7-8
Magenta	7
Yellow	7-8
Black	8
White	-
Clear Varnish	-

*These data are referring to the Blue Wool Scale

1 = Very poor Lightfastness,

2-3 = Poor Lightfastness,

4-5 = Fair Lightfastness,

6 = Very good Lightfastness,

7-8 = Excellent Lightfastness

*Conditions apply. This information has been carefully studied from experience gained in the laboratory and in commercial situations. It is subject to change without notice. All sales are subject to our standard terms and conditions of sale. Since applications vary tremendously, the user assumes the obligation to test this product in their specific situation to determine its suitability and assumes all risk and liability related to such use. INX Digital makes no warranty, express or implied, for the use of the product for any particular application. In no event shall INX Digital be liable for damages in excess of the original cost of the product, nor shall INX Digital be liable for any special or consequential damages.

Flexibility & Adhesion

INXJet™ I32 inks are formulated to achieve optimum adhesion on commonly used flexible display graphics media.

Outdoor Use

INXJet™ I32 inks are designed for outdoor use and, with a suitable substrate and correct ink application, should withstand **1-2 years** of exposure.

Laboratory tests passed the 2-year outdoor durability criteria (delta E of <10 using accelerated testing equipment).

Temperature Exposure & Jetting

The ideal operating temperature for INXJet™ I32 inks is around 45 °C.

Prolonged exposure to temperatures above 55 °C should be avoided, as long-term high heat may cause premature polymerization.

Ink Storage and Shelf Life

These inks should be stored between 15° - 30°C (59° - 86°F).

When stored properly, inks have a **12 months** shelf life.

Recommended Flush

UV Ink Train Conditioner - Monomer-based flushing fluid.

UV Wiping Fluid - Wiping fluid for servicing head nozzle plates - External use only.

Warning: All UV-curable inks have limited compatibility with solvents.

Adding solvents for any extended period of time into the ink train may cause premature curing.

INX Europe

INX Digital Czech a.s.
Do Certous 2621/13, Hall I2
Horní Pocerňice,
193 00 Prague 20
Czech Republic

Main Dial: **+420 326374900**

Generic Email:

info@inx europe.com

Orders: czorders@inx europe.com

N: www.inxinternational.com

*Conditions apply. This information has been carefully studied from experience gained in the laboratory and in commercial situations. It is subject to change without notice. All sales are subject to our standard terms and conditions of sale. Since applications vary tremendously, the user assumes the obligation to test this product in their specific situation to determine its suitability and assumes all risk and liability related to such use. INX Digital makes no warranty, express or implied, for the use of the product for any particular application. In no event shall INX Digital be liable for damages in excess of the original cost of the product, nor shall INX Digital be liable for any special or consequential damages.