

# XJL TECHNICAL DATA SHEET

## UV CURABLE PIGMENTED INKS

INX International Ink Co's XJL ink is a UV curable ink set formulated for use in Xeikon Jetrion Energy Curable Web Printers

Triangle's **XJL** UV based inks are suitable for curing by mercury and LED lamps on Xeikon Jetrion Energy Curable Web Printers XJL is uniquely formulated to have good adhesion and flexibility on a wide range of label materials such as paper, durable films, VIP films and BOPP. These inks are intended for jetting with high consistency on Xaar 1001, 1002 and 1003.

- **Fast Curing**
- **Lower Cost**
- **Low Odor**
- **Formulated to achieve GRACol standards and G7 target**
- **Backed by INX Digital's Ink Train Warranty for Triangle brand Inks**

### PACKAGING

2 x 5 Liters Bottle, Net quantity 10 Liters.  
5 Colors



### TYPICAL PHYSICAL PROPERTIES

Viscosity (45° C)	9.5 - 10.5	mPa*s/45C
Surface Tension (25° C)	20.9 - 22.9	mN/m
Specific Gravity	1050 - 1070	Kg/m³

### LIGHTFASTNESS

COLOR	RATING	COLOR	RATING
CYAN	7 - 8	WHITE	8
MAGENTA	7		
YELLOW	6 - 7		
BLACK	8		

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.



## FLEXIBILITY & ADHESION

**XJL** inks are formulated to achieve comparable adhesion on commonly used label materials. Certain medias can be problematic so customer should test these materials prior to conversion.

## TEMPERATURE EXPOSURE & JETTING

No temperature adjustments required during conversion. Inks can be used in jetting equipment with temperatures up to 60°C. Prolonged exposure to temperatures above 55°C however, should be avoided as long term exposure to high temperatures can induce premature polymerization.

## INK STORAGE AND SHELF LIFE

These inks should be stored between 5° - 40°C (41° - 104°F). When stored properly inks have a 12 month shelf life.

## GRACOL & G7 STATEMENT

Formulated to achieve GRACol standards and G7 targets.

## 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.**

## PRODUCT CODE

1634664-05LT **CYAN**

1634662-05LT **MAGENTA**

1634663-05LT **YELLOW**

1634665-05LT **BLACK**

1634667-05LT **WHITE**

1374382-01LT **UV WIPING FLUID**

1374382-05LT **UV WIPING FLUID**

1469647-01LT **UV INK TRAIN CONDITIONER**

1469647-05LT **UV INK TRAIN CONDITIONER**

\*Conditions apply. This information has been carefully studied from experience gained in the laboratory and under 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. \*\*Coverage was calculated using actual figures obtained from a print shop. Coverage depends on the file being printed and printer settings.