

# E-FIRST

## PRODUCT DESCRIPTION

Sublimation digital inks for printing onto paper, designed for EPSON DX-7 printheads.

## APPLICATION FIELDS

Garments, Accessories, Leather goods, Shoes, Home textile, Advertising, Flags & Banners, Visual, Sportswear, Outdoor.

## GENERAL FEATURES

- Bright colours
- Good general fastness
- Excellent colour strength
- Wide chromatic performances
- Good drying on paper according to the printing speed.

## SUBSTRATES

Poliestere o tessuti misti con % minima di poliestere pari al 60%.

## TRANSFER CONDITIONS

The recommended temperature for a good transfer of the ink is between 190° C and 220°C for 30". The ideal transfer parameters are strongly affected by the type and weight of both paper and fabric.

It is necessary to carry out preliminary tests in order to identify the best combination of time / temperature for the best yield and brightness of colors.

## STORAGE & SHELF LIFE

The ink shall be stored at a temperature between 10° - 25°C, away from heat and direct sunlight.

If the ink is stored in different conditions, it is recommended to bring the product to the operating conditions of temperature and humidity for at least 24 hours before use.

Stored under correct conditions, the recommended shelf life is 12 months from production date, excepted FLUO and SPOT-COLORS, whose shelf life is 6 months

## PULIZIA

To clean the hydraulic circuit of the plotter use exclusively DCL300000 – UNIVERSAL CLEANER, taking all necessary safety precautions: avoid contact with skin, wear safety gloves and glasses.

## PRODUCT RANGE & PACKAGING

1Kg Bottle.

CODE	DESCRIPTION
<b>DEP100297K1</b>	E-FIRST YELLOW
<b>DEP100397K1</b>	E-FIRST MAGENTA
<b>DEP100397LK1</b>	E-FIRST LIGHT MAGENTA
<b>DEP100497K1</b>	E-FIRST CYAN
<b>DEP100497LK1</b>	E-FIRST LIGHT CYAN
<b>DEP100797K1</b>	E-FIRST BLACK
<b>DEP100701K1</b>	E-FIRST SUPER BLACK
<b>DEP100210K1</b>	E-FIRST FLUO YELLOW
<b>DEP100317K1</b>	E-FIRST FLUO AURORA PINK
<b>DEP100402K1</b>	E-FIRST TURQUOISE
<b>DEP100404K1</b>	E-FIRST BLUE
<b>DEP100301K1</b>	E-FIRST ORANGE
<b>DCL300000K1</b>	UNIVERSAL CLEANER 1Kg
<b>DCL300000K5</b>	UNIVERSAL CLEANER 5Kg

CODE	DESCRIPTION	SUBLIMATION RANGE	GENERAL FASTNESS		
			LIGHT	WASHING	PERSPIRATION
DEP100297K1	E-FIRST YELLOW	B	6/7	4/5	4-5
DEP100397K1	E-FIRST MAGENTA	C	6/7	4/5	5
DEP100397LK1	E-FIRST LIGHT MAGENTA	C	6/7	4/5	5
DEP100497K1	E-FIRST CYAN	C	6/7	4/5	4/5
DEP100497LK1	E-FIRST LIGHT CYAN	C	5/6	4/5	4/5
DEP100797K1	E-FIRST BLACK	B/C	6	4/5	5
DEP100701K1	E-FIRST SUPER BLACK	B/C	6	4/5	4/5
DEP100210K1	E-FIRST FLUO YELLOW	B	4	4/5	5
DEP100317K1	E-FIRST FLUO AURORA PINK	B	4	4/5	5
DEP100401K1	E-FIRST TURQUOISE	C	6	5	5
DEP100404K1	E-FIRST BLUE	B/C	6	4/5	5
DEP100301K1	E-FIRST ORANGE	B	4/5	4/5	5

**Sublimation range:** It gives indications about the minimum temperature at which the ink change from solid to the gas in order to obtain the best possible fixing.

**A=** ~175-180°C, **B=** ~185-190°C, **C=** ~195-200°C, **D=** da 205°C

#### GENERAL FASTNESS

**LIGHT:** according to EN ISO 105B02. Blue scale of 1 (low-poor) to 8 (maximum-Advanced).

**WASHING:** according to EN ISO 105C02. Grey scale of 1 (low-poor) to 5 (maximum-Advanced).

**PERSPIRATION:** according to EN ISO 105E04. Grey scale of 1 (low-poor) to 5 (maximum-Advanced).

*Mentioned values are indicative and not establish conditions of sale, being strongly influenced by printing and transfer conditions and by different kind of fabric.*

#### SPECIAL INSTRUCTIONS

- It is always recommended to perform prints test on the substrates that you will use, to determine the best working procedure and to check the results.
- Avoid contamination of the product, leaving open the packaging or mixing it with other inks / additives.
- Request Material Safety Data Sheets, available for all products and always refer to it for all health, safety and environment issues.
- The performance of the inks are closely tied to the type of plotter used and the printing modes used.

#### IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavor to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the sub-strate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is subject to modification from time to time, according to made experience and to our policy of continuous product improvement