

Code N° M5011--

Series of digital pigment inks for direct printing onto paper and cellulose substrates in general, compatible with DX3, DX4, DX5 and DX6 piezo printheads.

DIGITAL PIGMENT INK FOR DIRECT PRINTING

- Printing onto paper, cellulose substrates and graphic films
- Ideal for the production of promotional items, paybills, posters and printmaking

EXCELLENT RESISTANCES

- Excellent light fastness

COMPATIBLE WITH DX3, DX4, DX5 and DX6 PRINTHEADS

- Compatible with the above-mentioned piezo printheads

GENERAL FEATURES

- Vivid and bright colours
- Excellent light resistance
- Satin finishing

PRODUCTS OF THE SERIES

				
COLOUR	BLACK	CYAN	MAGENTA	YELLOW
CODE	501110	501151	501130	501115
PACKING	1 litre	1 litre	1 litre	1 litre
SHELF LIFE	15 months	15 months	15 months	15 months

DIRECTIONS

It is recommended to let the product reach operative conditions in terms of temperature and humidity at least 24 hours prior to use, taking care of not stirring it, and apply the product under controlled conditions:

- **RECOMMENDED TEMPERATURE RANGE:** 20-25°C
- **RECOMMENDED HUMIDITY RANGE:** 40-60%

The ink is ready to use and it is recommended to use it through the external feeding system (**INK FEEDER, CODE M4087..**), so that a steady printing quality is assured.

DIRECT PRINTING: this application requires "direct" printing onto the substrates, followed by drying at room temperature or by forced air. In some cases, or for some substrates, thermofixing is recommended, in order to increase mechanical resistances.

ROLLING: this product, due to the nature of its binders, is compatible with some rolling processes.

AUXILIARIES – FLUIDS FOR PLOTTER MAINTENANCE

- **DIGISTAR CAPPING FLUID (CODE 408703):** this product has moistening and anti-scaling properties, available in 250 ml container with dosing pipette for application on "capping station".
- **DIGISTAR CLEANER (CODE 408501):** this product is used for cleaning the ink feeding circuits.

For further information, see the related technical data sheet.

FASTNESS:

THE FASTNESS VALUES INDICATED IN THE TABLE ARE REFERRED TO THE PRINTING OF PURE COLOURS APPLIED ONTO PAPER

COLOUR	CODE	FASTNESS – EN ISO
		105B02
BLACK	501110	6-7
CYAN	501151	7
MAGENTA	501130	7
YELLOW	501115	7

			FASTNESS RANGE
FASTNESS - EN ISO	105B02	LIGHT FASTNESS	min 1, MAX 8

STORAGE

It is recommended to keep the product away from light and heat sources at a **temperature lower than 25° C.**

SPECIAL INSTRUCTIONS

- **INK CONVERSION:** It is essential to flush (with the appropriate above-mentioned cleaners) both the line and printheads when converting/changing ink series to avoid contamination and chemical incompatibilities. This is a critical step in the process.
- It is recommended to always make printing and thermofixing onto the substrates which are meant to be used, so as to exactly determine features, working time and effects to be obtained.
- Extreme drying conditions near the printer carriage could compromise the quality of the prints.
- Require safety data sheets, available for all products, and always follow the contained instructions regarding all the specific information and the environmental safety.
- Colour performance and printing results may vary for each type of printed substrate, as the drying and heat setting as well as the characteristics of the used binder may give different features, therefore the use of the appropriate colour profiles for each substrate is recommended.
- The ink performance is strictly connected to the used plotter model and printing procedure.

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 substrate 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 for 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 liable to modification from time to time in the light of experience and our policy of continuous product development.