



Code N° M5013--

Series of inks for transfer sublimation printing, compatible with RICOH piezo printheads.

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

- Ideal for transferring onto synthetic fabrics (polyester)
- Indicated for transferring onto blended fibres (min 80% PES)

APPLICATION VERSATILITY

- Ideal for sportswear, promotional items, flags, banners, interior decoration

COMPATIBLE WITH RICOH PRINTHEADS

- Compatible with the above-mentioned piezo printheads

GENERAL FEATURES

- Very vivid and bright colours
- Good general fastness
- Excellent outlines definition
- Excellent release (transfer) capacity

PRODUCTS OF THE SERIES



	BLACK	CYAN	MAGENTA	YELLOW
COLOUR CODE	501310	501351	501330	501315
PACKING	5 Kg	5 Kg	5 Kg	5 Kg
SHELF LIFE	12 months	12 months	12 months	12 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.

Depending on the used equipment, it is recommended to set up an appropriate printhead temperature ($T_{max} = 35^{\circ}C$).

The printed paper must be transferred hot, through calender or flat press, at a temperature between **180-220°C** during a varying time, between **180" and 30"**.

Time and temperature may vary, depending on the type and nature of the material, which the transfer is made onto.

AUXILIARIES – FLUIDS FOR PLOTTER MAINTENANCE

- **DIGISTAR GEN-R CLEANER (CODE 501301):** this product is used for cleaning the ink feeding circuits.
AVAILABLE PACKAGE: 1 Kg



FASTNESS

COLOUR	CODE	FASTNESS – EN ISO			SUBLIMATION CLASS
		105B02	105C02	105E04	
BLACK	501510	6	4-5	5	B/C
CYAN	501551	5-6	4-5	4-5	C
MAGENTA	501530	6-7	4-5	5	C
YELLOW	501515	6-7	4-5	4-5	B

FASTNESS - EN ISO	105B02	LIGHT FASTNESS
	105C02	WASHING FASTNESS
	105E04	PERSPIRATION FASTNESS

SUBLIMATION CLASS	A	T _{SUBLIMATION} 180°C
	B	T _{SUBLIMATION} 190°C
	C	T _{SUBLIMATION} 200°C
	D	T _{SUBLIMATION} 210°C

FASTNESS RANGE: LIGHT FASTNESS: min 1, MAX 8 – WASHING FASTNESS: min 1, MAX 5 – PERSPIRATION FASTNESS: min 1, MAX 5

STORAGE

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

SPECIAL INSTRUCTIONS

- The inks have been formulated so that they are consistent with printers assembled with RICOH piezo printheads. The right functioning depends not only on the printhead, but also on other elements inherent to the printer itself. To get the updated list of the consistent printers, please contact our technical assistance.
- It is recommended to always make printing, drying and transfer tests 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.
- 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 endeavour 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.