



J-CUBE

NSK/PNF
RF40/R-TS



October 2015 – J-Lab

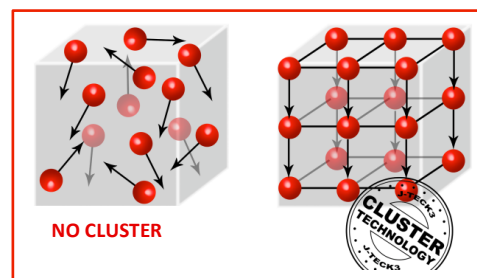
DIGITAL DISPERSED-DYE INKS FOR SUBLIMATION AND DIRECT PRINTING

PRODUCT DESCRIPTION

J-CUBE are waterbased digital inks particularly designed to be used on printers equipped with new generation printheads.

Manufactured with the exclusive **CLUSTER TECHNOLOGY** this series includes the following ink lines:

- **J-CUBE NSK** suitable for KONICA MINOLTA printing heads.
- **J-CUBE PNF** suitable for PANASONIC printing heads
- **J-CUBE RF 40** suitable for RICOH printing heads
- **J-CUBE R-TS** suitable for RICOH printing heads (MIMAKI TS-500)



They have been meticulously developed by J-Lab to offer high quality performances on above mentioned printing heads. This is possible thanks to the innovative **CLUSTER TECHNOLOGY**, the exclusive system studied by J-TECK to encapsulate the pigment molecules allowing for a smooth passage through the printing heads with no alteration. Free from Alkylphenoletoxylate (APE) according to CE2003/53/CE rules

SUBSTRATES TO BE PRINTED AND APPLICATIONS

SUBLIMATION as well as DIRECT-TO-FABRIC printing on polyester, polyamide fabrics (lycra and nylon) for different applications such as: sportswear and outdoor, fashion garments and accessories, flag and banners, soft signage, every substrates - wood, ceramics, glass – over-printed with polyester polyamide-base coating

PACKING: 5 Kg, 10 Kg, 25 Kg

USE AND STORAGE INSTRUCTIONS

- **TRANSFER PRINTING:** the printed paper must be transferred hot, through calender or press, at a temperature between **200-210°C** during a varying time, between **60-30 seconds**.
- **DIRECT PRINTING:** this application requires “direct” printing onto the fabric, followed by a colour drying and fixing (through heat press or calender) at a temperature between **190-210°C** during a varying time between **60-30 seconds**. Direct printing allows to achieve a better penetration of the ink during the heat fixing process.
- It is recommended to keep the product away from light and heat sources at a **temperature lower than 25°C**.

AVAILABLE COLOURS & FASTNESS

	CYAN 100C	MAGENTA 200M	YELLOW 300Y	BLACK 400K
Light Fastness (EN ISO 105B02)	5/6	6/7	6/7	5/6
Washing Fastness (EN ISO 105C02)	4/5	4/5	4/5	4/5
Alcaline Perspiration Fastness (EN ISO 105E04)	4/5	5	4/5	4/5
Class Colour Intensity	C	C	B	B/C

Important: we strongly suggest to always carry out pretests of printing and drying of the substrates to be printed in order to establish the operative conditions and the results to be achieved. We also suggest to stir the product before the use and carefully follow the instructions written on the label and on the material safety data sheet enclosed to the products. Furthermore, we remind you that the ink performances can vary according to the type of printer and substrate used in the final application.

Note: The information contained in this information sheet are based on our present experience and knowledge. In consideration of the various factors which can effect the result achieved in the final application, the company does not take any responsibility for an improper use of the product. The information contained herein is general in nature and believed to be correct at the time of writing. No responsibility will accepted by the company for any loss or damage suffered by anyone as a result of the information contained herein.

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