



# J-CUBE KF40



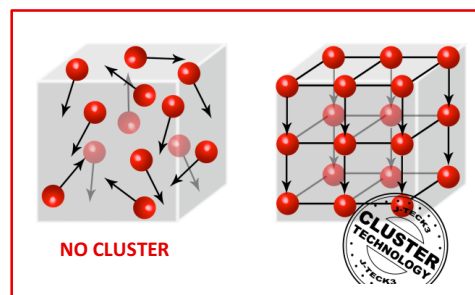
October 2015 – J-Lab

## DIGITAL DISPERSED-DYE INKS FOR SUBLIMATION AND DIRECT PRINTING

### PRODUCT DESCRIPTION

J-CUBE KF40 are waterbased digital inks particularly designed to be used on printers equipped with Kyocera industrial print heads.

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 Alkylphenoxytolylate (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

		Light Fastness (EN ISO 105B02)	Washing Fastness (EN ISO 105C02)	Alcaline Perspiration Fastn. (EN ISO 105E04)
100C	CYAN	5/6	4/5	4/5
102B	BLUE	5/6	4/5	5
106CX	EXTRA CYAN	5/6	4/5	4/5
200M	MAGENTA	6/7	4/5	5
203O	ORANGE	5/6	4/5	4/5
206MX	EXTRA MAGENTA	6/7	4/5	5
250FP	FLUO PINK	5/6	5	4/5
300Y	YELLOW	6/7	4/5	4/5
306YX	EXTRA YELLOW	6/7	4/5	4/5
350FY	FLUO YELLOW	3/4	4/5	4/5
400K	BLACK	6	4/5	5
404STK	STRONG BLACK	5/6	4/5	4/5
406KX	EXTRA BLACK	5/6	4/5	4/5
105CT	TURQUOISE	7	5	5

**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.