



J-ECO FLAG NANO NF-60



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DIGITAL INK FOR SUBLIMATION & DIRECT PRINTING ENVIRONMENTALLY-FRIENDLY WATERBASED NANO DISPERSED SUBLIMATION INK

PRODUCT DESCRIPTION

J-ECO FLAG NANO NF-60 digital inks are ink-jet printing inks especially designed to be used on digital printers having piezo printing heads. They are suitable for both direct and sublimation printing on polyester fabrics or mixed synthetic fabrics, containing polyester in a minimum quantity of 60%. Meticulously developed by J-Lab to offer high quality performances in both applications, they feature outmost printability through piezo heads thanks to the Nanodot Technology and also very good fastness properties and shelf-life.

Free from Alkylphenolethoxylate (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

- **PACKING:** 1 liter – 5 liters – 1 kilo – 25 kilos

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.
- For application on different material such as polyamide, the transfer or thermofixing temperature varies according to chemical-physical characteristics of the substrate to be printed. For instance, the plastic sheet used in skis and snowboards manufacturing are transferred at 170-180°C for 90/120 seconds.
- 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
101LC	LIGHT CYAN	5/6	4/5	4/5
102B	BLUE	5/6	4/5	5
105CT	TURQUOISE	7	5	5
200M	MAGENTA	6/7	4/5	5
201LM	LIGHT MAGENTA	6/7	4/5	5
203O	ORANGE	5/6	4/5	4/5
300Y	YELLOW	6/7	4/5	4/5
400K	BLACK	6	4/5	5
401GY	GREY	6	4/5	5
403HK	HIGH BLACK	5/6	4/5	4/5
405AK	ABSOLUTE BLACK	5/6	4/5	4/5
250FP	FLUO PINK	5/6	5	4/5
350YP	FLUO YELLOW	3/4	4/5	4/5

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 be accepted by the company for any loss or damage suffered by anyone as a result of the information contained herein.