



J-ECO SUBLY NANO NS-60



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

PRODUCT DESCRIPTION

J-ECO SUBLY NANO NS-60 are ink-jet printing inks especially designed to be used on digital printers having piezo printing heads. They are suitable for both direct and transfer sublimation printing on polyester fabrics or mixed synthetic fabrics, containing polyester in a min. quantity of 60%.

Developed by J-Lab to offer high quality printing performances with the use of piezo heads, they feature vibrant colours, very good fastness properties and long-lasting shelf-life. They are manufactured with the innovative Nanodot Technology granting excellent ink fluidity and outmost printability on coated papers. 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 and synthetic fabrics (as for example lycra) for different applications such as: sportswear and outdoor, fashion garments and accessories, flag and banners, soft signage, every substrate - wood, ceramics, glass – overprinted with polyester-base coating

PACKING: 1 liter

SHELF LIFE: 15 months, except for 102B BLUE, 400K BLACK: 12 months

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 color 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 than polyester, the transfer or thermofixing temperature varies according to chemical-physical characteristics of the substrate to be printed.
- 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
105CT TURQUOISE	7	5	5
200M 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
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 stirring 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 affect 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.