



J-Ecoline
DIGITAL INKS

Subly Nano NS-60

J-Eco Subly Nano NS-60 water-based dispersed dye inkjet inks.

J-Eco Subly Nano NS-60 inks have been designed specifically for use on wide format printers or similar drop on demand printers utilising Piezo print head technology.



Features

- Innovative Nanodot Technology
- Environmentally friendly
- Vibrant, strong colours
- Good shelf life
- Optimal ink fluidity and printability through Piezo print heads
- Fast drying on substrates dedicated to sublimation transfer printing
- Good release on paper and image definition after heat transfer
- Very good fastness properties
- Easy to use capping for use with J-Teck J-Feeder bulk feed units.

Ink Properties

J-Eco Print Nano NS-60 inks are manufactured using an innovative technology developed by J-Teck3 called Nanodot Technology. This technology improves the overall performance of the digital piezo inks allowing optimal dispersion of the dyes which are reduced in nanoparticles. This brings with it technical characteristics and benefits such as increased brilliancy, fast drying speeds onto dedicated media and increased stability during the printing process.

Printing / Transfer Recommendations

J-Eco Subly Nano NS-60 inks transfer conditions can vary, though as a guide heat setting by press or calendar 180-210°C for 30 - 60 seconds is recommended, according to the type of substrate used. Plastic sheeting used in the skis and snowboard manufacture are generally transferred at 170-180°C for between 90 - 120 seconds.

Colour Range

NS-60100C	Cyan
NS-60101LC	Light Cyan
NS-60102B	Blue
NS-60105CT	Turquoise
NS-60200M	Magenta
NS-60201LM	Light Magenta
NS-60203O	Orange
NS-60205EM	Extra Magenta
NS-60300Y	Yellow
NS-60400K	Black
NS-60401GY	Grey
NS-60405AK	Absolute Black
NS-60406KX	Extra Black
NS-60500G	Green

NS-60250FP	Fluorescent Pink
NS-60350FY	Fluorescent Yellow
CL90002ES	Cleaning Liquid
CL90003ET	Strong Cleaning Liquid

Available in 1Litre recycled plastic bottles

Application Range

J-Eco Subly Nano NS-60 inks are recommended for digital sublimation transfer onto a wide range of substrates including:

- Polyester and Polyamide (lycra/nylon) fabrics
 - Mixed synthetic fabrics (min 60% of synthetic fibres)
 - Plastic substrates used in the manufacture of sporting equipment such as skis, snowboards, skateboards and windsurfs
 - Varying substrates (wood, glass, ceramic etc...)
- overprinted with polyester-based or polyamide coatings
- Promotional items
 - Sportswear, swimwear & outerwear
 - Flags and banners
 - Customised interiors
 - Decorative prints
 - Free standing roll-up, pop-up and teardrop banners

THE END USER MUST DETERMINE SUITABILITY OF THIS PRODUCT FOR THE INTENDED USE PRIOR TO PRODUCTION.



Storage

J-Eco Subly Nano NS-60 inks should not be stored in direct sunlight. In the interest of maximum shelf life, storage temperatures should be between 15 - 25°C at 50% ambient relative humidity. If stored under these conditions the inks are expected to have a shelf-life of 12 months from the date of manufacture.

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PRODUCT INFORMATION

Table of Fastness Properties

Colours		Class Colour Intensity	Fastness EN ISO		
			Light 105B02	Washing 105C02	Alcaline perspiration 105E04
100C	Cyan	C	5/6	4/5	4/5
101LC	Light Cyan	C	5/6	4/5	4/5
102B	Blue	B/C	5/6	4/5	5
105CT	Turquoise	D	7	6	6
200M	Magenta	C	6/7	4/5	5
201LM	Light Magenta	C	6/7	4/5	5
203O	Orange	C	5/6	4/5	4/5
300Y	Yellow	B	6/7	4/5	4/5
400K	Black	B/C	6	4/5	5
401GY	Grey	B/C	6	4/5	5
403HK	High Black	B/C	5/6	4/5	4/5
405AK	Absolute Black	B/C	5/6	4/5	4/5
406KX	Extra Black	B/C	5/6	4/5	4/5
500G	Green	B/C	6	4/5	4/5

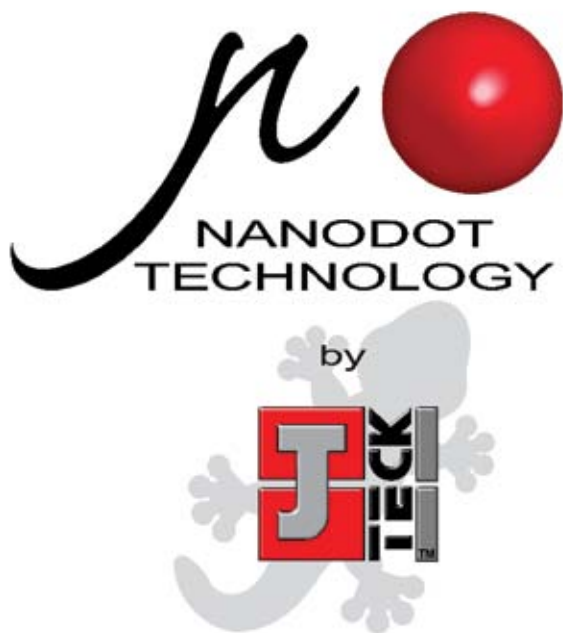
A = transfer 180°C B = transfer 190°C
 C = transfer 200°C D = transfer 210°C

Safety Handling

- Are formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC.
- Comprehensive information on the safety and handling of J-Eco Subly Nano NS-60 inks and cleaning liquids is given in the appropriate Material Safety Data Sheets.

Environmental Information

J-Eco Subly Nano NS-60 inks are free from (APE) Alkylphenoethoxyate according to the EC Directive 2003/53/CE issued on June 18, 2008. APE is a chemical product included in the EDC (Endocrine Disrupting Chemicals) list of substances.



The information and recommendations contained in this Product Information Sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information Sheet out of date and users are requested to ensure that they follow current recommendations.

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