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 particularly suitable for digital printing on polyester textiles used in sports and outer wear, as well as for a variety of plastic substrates used in the manufacturing of skis, snowboards, skateboards, windsurfs and other products. The image is printed on coated paper and then transferred (heating temperature around 210°C) on polyester fabrics, or mixed synthetic fabrics containing polyester in a min. quantity of 60%.

For the application on plastic materials, such as polyammide, the transfer temperature varies according to the type of substrate and its chemical-physical characteristics. For instance, the plastic sheets used in skis and snowboards manufacturing are transferred at 170-180°C for 90/120 seconds.

ECOCOMPATIBILITY
Free from Alkylphenolethoxylate (APE) according to the EC Directive 2003/53/CE issued on June 18, 2003. APE is a chemical product included in the EDC (Endocrine Disrupting Chemicals) list of substances.

MAIN FEATURES
- Innovative Nanodot Technology
- Vibrant and bright colours
- Very good shelf-life
- Optimal ink fluidity and printability through piezo-heads
- Fast drying on substrates dedicated to transfer
- Very good release on paper and image definition after transfer
- Very good fastness properties
Applications
- Printing on polyester and polyammid (lycra, nylon) fabrics used in sportswear and outer wear in general
- Printing on mixed synthetic fabrics (min. 60% of synthetic fibres) used in sportswear and outer wear in general
- Printing on plastic substrates used in the manufacturing of sport equipment such as skis, snowboards, skateboards, windsurfs etc.
- Printing on every substrates (wood, ceramics, glass) overprinted with polyester-based or polyammid-based coatings

Transfer Condition
Can vary from 30 to 60 seconds for 180°-210 °C according to the type of substrate

Available colours and type of packing
- 100C Cyan
- 101LC Light Cyan
- 102B Blue
- 105CT Turquoise
- 200M Magenta
- 201LM Light Magenta
- 203O Orange
- 300Y Yellow
- 400K Black
- 401GY Grey
- 403HK High Black
- 405AK Absolute Black
- 250FP Fluo Pink
- 350YP Fluo Yellow

Table of fastness properties

<table>
<thead>
<tr>
<th>Colours</th>
<th>Class Colour intensity</th>
<th>Fastness EN ISO</th>
<th>Light 105B02</th>
<th>Washing 105C02</th>
<th>Alcaline perspiration 105E04</th>
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</thead>
<tbody>
<tr>
<td>100C Cyan</td>
<td>C</td>
<td>5/6</td>
<td>4/5</td>
<td>4/5</td>
<td></td>
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<tr>
<td>101LC Light Cyan</td>
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<td>5/6</td>
<td>4/5</td>
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<tr>
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<td>B/C</td>
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<td>4/5</td>
<td>5</td>
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<tr>
<td>105CT Turquoise</td>
<td>D</td>
<td>7</td>
<td>5</td>
<td>5</td>
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<tr>
<td>200M Magenta</td>
<td>C</td>
<td>6/7</td>
<td>4/5</td>
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</tr>
<tr>
<td>201LM Light Magenta</td>
<td>C</td>
<td>6/7</td>
<td>4/5</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>203O Orange</td>
<td>C</td>
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</tr>
<tr>
<td>300Y Yellow</td>
<td>B</td>
<td>6/7</td>
<td>4/5</td>
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<tr>
<td>400K Black</td>
<td>B/C</td>
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</tr>
<tr>
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<td>4/5</td>
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<tr>
<td>350YP Fluo Yellow</td>
<td>B/C</td>
<td>3/4</td>
<td>4/5</td>
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</tbody>
</table>

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

Available in 1-Lt bottle for feeder and 1-Lt container

Important: We strongly suggest to always carry out pretests of printing, drying and transfer on the substrate 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, paper and polyester fabric 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 results achieved in the final application, J-Teck3 Srl does not take any responsibility for an unproper use of the product by the user which can violate or damage rights of third parties.

The information contained herein is general in nature and believed to be correct at the time of writing. No responsibility will be accepted by J-Teck3 Srl for any loss or damage suffered by anyone as a result of the information contained herein.

DT - April 2010