

Bright and vibrant with J-Eco

J-Teck
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J-Teck produces only waterbased digital inks and continues to constantly research raw materials, chemical products and production processes with low environmental impact.

The main characteristic of the company's J-Eco inks, for example, is a total absence of alkylphenoethoxylate (APE) according to the EEC directive 2003/53/CE.

APE chemical products are classified as EDC (endocrine disrupting chemicals) and as such are very dangerous for health and the environment. They are environmental estrogens, not biodegradable, toxic for the human beings and, particularly, for aquatic species.

But in addition to this, J-Eco inks also have



improved technical performance, resulting in fabrics with bright and vibrant colours with an optimised degree of saturation, excellent printability on piezo-heads printers, fast drying and very high definition.

J-Eco inks are also now manufactured by proprietary Nanodot Technology which allows for enhanced pigment dispersion and reduction.

The advantages of this include:

- Improved fluidity of the ink through the printing heads.
- Fast drying on the sublimation paper.
- Better stability.

Sublimation success

J-Next Subly JXS-65 is J-Teck's latest dye sublimation ink for piezo heads which is characterised by dynamic fluidity and flexibility. It is suitable for any configuration of wide format digital printers – from economic entry level up to the fastest and most sophisticated models – and also for those with difficult-to-handle feeding systems and/or high pressure system.

Totally new in its chemical formulation, J-Next Subly JXS-65 is produced by the company's Nanodot technology with its key characteristic being the tremendous stability of the ink molecule.

In addition to being suitable for all the piezo printers available on the market – Epson, Mimaki, Roland, OEM printers etc. – it can be used with any type of sublimation paper, even the lighter ones, featuring vibrant colours and wide chromatic gamut.

Such has been the initial reaction to this ink since its introduction just a few months ago – successful printing tests on different piezo printers carried out by customers and partners all over the world have resulted in an increasing order flow – that the company is now looking to adopt the formulation for a range of direct disperse dye inks.