

Technical information

Pro-Jet TX120 series inks

Reactive dye-based aqueous inks

Pro-Jet™ TX120 Inks are formulated with an array of highly-purified reactive dyes to achieve superior results on a variety of textile substrates.

Features

- Designed for Kyocera KJ4B aqueous printheads.
- Extremely high optical density inks to achieve a wide color gamut with deep and neutral blacks.
- Highly purified reactive dye base to provide maximum printhead lifetime.
- High fastness scores across the color gamut.

Application range

Pro-Jet TX120 series inks are designed for digital textile printing applications:

- Cotton
- Cotton/poly blend
- Silk substrates

Process conditions and substrates can vary largely by application, therefore it is incumbent upon the end user to determine the optimal equipment and processing conditions necessary to achieve desired results. The end user must determine the suitability of this product for the intended end use prior to production and supply.

Post processing

As per standard reactive dye printing, a pre-treatment is required for the dye chemical reaction. Post-treatment is the commonly accepted steaming and wash off for reactive dyes.

Operating conditions

Ensure that the printer is sited as per the recommended humidity/temperature conditions of 50-70% relative humidity, and 10-30°C. The operating temperature for the ink within the printhead should be 32°C.

Colour range

Pro-Jet TX120 Black
Pro-Jet TX122 Cyan
Pro-Jet TX120 Magenta
Pro-Jet TX122 Yellow
Pro-Jet TX120 Red
Pro-Jet TX120 Blue
Pro-Jet TX122 Orange
Pro-Jet TX120 Gray

Available in 10 kg, 20 kg, 200 kg and 1000 kg containers.

Flushing solution

Pro-Jet F100 Flush

Available in 10 kg, 20 kg, 200 kg and 1000 kg containers.

Shelf life

Product carries a minimum 12 month shelf life from the time of manufacture, and may be extended where the product continues to conform to specifications, evaluated on a case by case basis.

Environment, safety and health

For PPE and spill control please refer to the SDS data sheet.
Please read the SDS sheet before handling the ink.

Regulatory and worldwide registration

This product has regulatory coverage for major worldwide regions. OEKO-TEX certificate can be provided upon request. Please contact FUJIFILM Imaging Colorants for further information regarding your specific regions of interest.

Manufactured by:

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The information and recommendations contained in this Technical Information sheet, as well as technical advice otherwise given by representatives of FUJIFILM Imaging Colorants Inc. and its associated companies, 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 Technical Information sheet out of date and users are requested to ensure that they follow current recommendations.

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