

Technical information

Fujifilm TX421 series inks

Aqueous pigment based inks for textile applications

Fujifilm TX421 Inks were formulated with proprietary RxD pigment and binder blend to achieve excellent color vibrancy and fastness for home textile applications.

Features

- Designed for Kyocera KJ4B Aqueous Printheads.
- Available in CMYK plus Red and Blue
- High optical density inks to achieve a wide color gamut with deep & neutral blacks
- High wet and dry color fastness for all colors
- Excellent jetting operability and open time

Application range

Fujifilm TX421 Series Inks have been designed for digital textile substrates, typically used in the home decoration industry:

- 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 & 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.

Pre and post processing

Pre-treatment chemicals are typically used with this application, however the end user must understand their full system requirements to make the best match of pre-treatment chemicals and inks.

A drying temperature of 170°C is recommended to achieve full binder/pigment cross-linking. Drying for this product can be achieved by IR, NIR or hot air convection dryers. Some substrates/systems cannot achieve certain temperatures, so some experimentation may be required for the end use products

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

Fujifilm TX421 Black
Fujifilm TX421 Cyan
Fujifilm TX421 Magenta
Fujifilm TX421 Yellow
Fujifilm TX421 Red
Fujifilm TX421 Blue

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

Flushing solution

Fujifilm F100 Flush
Available in 10kg, 20 kg, 200kg 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.

**Does not include TX421 Blue, which has a 6 month shelf life.*

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 WW regions. OEKO-TEX Certificate can be provided upon request. Please contact FFIC for further information regarding your specific regions of interest.

Manufactured by:

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