

Sublimation Ink

The next generation of sublimation ink



Kyung-In Synthetic Corporation (KISCO) is the biggest dyestuff manufacturer in Korea. With decades of technical know-how and experience of colorants, KISCO develops and produces inks for digital textile printing to meet increasing market demands. We supply high quality and environmentally friendly products to meet the requirements of customers from around the world.

To print on polyester fabrics without steaming and washing, sublimation printing, also known as transfer printing, is the solution. You firstly print the image onto sublimation paper using Papijet LTI 103 inks and then transfer the image from paper to the polyester fabric. Papijet LTI 103 is a water-based, disperse, eco-friendly ink for digital direct and sublimation printing with the highest transfer yield using a high concentration ink. Papijet LTI 103 shows excellent transferability especially on uncoated paper and exhibits higher color strength than other sublimation inks. It also delivers bright shades with good fastness properties.

Shades

Papijet
Yellow LTI 103

Papijet
Magenta LTI 103

Papijet
Cyan LTI 103

Papijet
Black LTI 103

Applications: Polyester and its blends for sportswear, swimwear, flags and banners

PAPIJET | **LTI 203**

Sublimation Ink

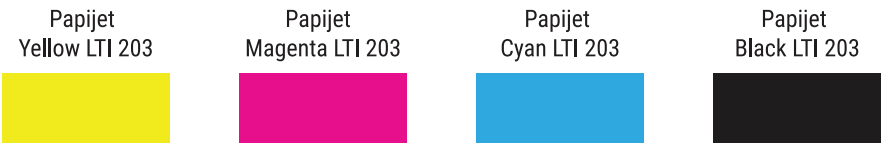
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To print on polyester fabrics without steaming and washing, sublimation printing, also known as transfer printing, is the solution. You firstly print the image onto sublimation paper using PAPIJET LTI203 inks and then transfer the image from paper to the polyester fabric. PAPIJET LTI 203 is a water-based, disperse, eco-friendly ink for digital direct and sublimation printing with the highest transfer yield using a standard concentration. PAPIJET LTI 203 shows excellent transferability especially on coated paper and exhibits higher color strength than other sublimation inks. It also delivers bright shades with good fastness properties.

Shades



Applications : Polyester and its blends for sportswear, swimwear, flags and banners

Fastness Properties

On Polyester / Spandex (88/22)

	Washing	Rubbing	Perspiration	Water	Light (Blue Scale)
	ISO 105 C06:2010	ISO 105 X12:2016	ISO 105 E04:2013	ISO 105 E01:2013	ISO 105 B02:2014
Cyan LTI 203	5	5	5	5	6
Magenta LTI 203	5	5	5	5	7
Yellow LTI 203	5	5	5	5	7
Black LTI 203	5	5	5	5	7

* Blue Scale Standard is based on the 7-step scale of 1 to 7, where 1 is bad and 7 is good.

The following data represents results of internal test performed with the specified ink and fabric.
Results in actual end use may vary depending on the particular conditions of use.



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PAPIJET | **LTI 403**

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To print on polyester fabrics without steaming and washing, sublimation printing, also known as transfer printing, is the solution. You firstly print the image onto sublimation paper using Papijet LTI 403 inks and then transfer the image from paper to the polyester fabric. Papijet LTI 403 is a water-based, disperse, eco-friendly ink for digital direct and sublimation printing with the highest transfer yield using a high concentration ink. Papijet LTI 403 shows excellent transferability especially on uncoated paper and exhibits higher color strength than other sublimation inks. It also delivers bright shades with good fastness properties.

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Papijet LTIK has been developed for transfer sublimation printing and is compatible with Kyocera print heads. It shows excellent runability on all printers equipped with Kyocera KJ4B print heads. It is a water-based, dispersed, eco-friendly ink for digital sublimation printing with the highest transfer yield. Papijet LTIK has outstanding transferability on coated and uncoated paper and exhibits higher strength than other sublimation inks. It also displays bright shades with good fastness properties.

Shades



Applications: Polyester and its blends for sportswear, swimwear, flags and banners

Fastness Properties

On Polyester / Spandex (88/22)

	Light	Washing	Water	Perspiration	Sea water	Rubbing
	ISO 105-B02	ISO 105-C06, A2S	ISO 105-E01	ISO 105-E04 Acid/Alkali	ISO 105-E02	ISO 105-X12
	Ch	Ch	Ch	Ch	Ch	Dry/Wet
Yellow LTIK	5	4-5	4-5	4-5/4-5	4-5	4-5/4-5
Magenta LTIK	4	4-5	4-5	4-5/4-5	4-5	4-5/4-5
Cyan LTIK	3	4-5	4-5	4-5/4-5	4-5	4-5/4-5
Black LTIK	5	4-5	4	4-5/4-5	4-5	4/4

On Mircrofibre

	Light	Washing	Water	Perspiration	Sea water	Rubbing
	ISO 105-B02	ISO 105-C06, A2S	ISO 105-E01	ISO 105-E04 Acid/Alkali	ISO 105-E02	ISO 105-X12
	Ch	Ch	Ch	Ch	Ch	Dry/Wet
Yellow LTIK	5	4	4	4/4	4	4/4
Magenta LTIK	4	3-4	3-4	4/4	4	3-4/3-4
Cyan LTIK	3	3-4	3-4	4/4	4	3-4/3-4
Black LTIK	4	3-4	3	4/4	4	4/3-4

The following data represents results of internal test performed with the specified ink and fabric.
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