Add a Plus to your sustainable sublimation printouts!

The new EFI™ Reggiani IRIS Plus Disperse Sublimation inks guarantee stunning printing quality and high chroma to your digital textile printing. Plus, they are dual-use inks that perform astonishingly well whether used in sublimation or direct printing.

Designed to leverage EFI Reggiani digital printers' market-proven industrial performance capabilities, these eco-friendly, water-based inks ensure an extraordinary level of print durability, longer life of print heads, and reduced maintenance costs.

Thanks to the finest chemistry, IRIS Plus inks guarantee superior high-temperature stability and are ECO PASSPORT by OEKO-TEX® and REACH certified, and respect highest standards for sustainable textile production. Also, ink tanks are now made of 100% recyclable PE for an eco-friendlier footprint.

Technical information

- **Substrates**
- Polyester and elastomer fabrics (lycra)

- **Print head compatibility**
- Kyocera KJ4B

- **Jetting temperature**
- 89.6°F (32°C)

- **Recommended RH**
- 50%-60%

- **Shelf life**
- 12 months if stored under recommended conditions

- **Environmental conditions**
- Inks must be stored out of direct sunlight and away from heat sources in a controlled environment

Integrated solution

- Strongest worldwide experience and knowledge
- Full technological support provided by EFI Reggiani
- Continuous quality control
- Proven print head longevity by consinstently meeting the highest standards of ink quality, reliability, and stability over time
- Free print heads recovery analysis

Application

Great performance for sublimation as well as direct-to-fabric printing for different applications such as fashion, sportswear, home textile, and accessories.

Procedure

- Transfer printing: the printed paper must be transferred hot, through calender or press, at a temperature ranging from 392-410°F (200–210°C), for 30–60 seconds
- Direct printing onto the fabric, followed by color drying and fixing (through heat press or calender) at a temperature ranging from 374-410°F (190–210°C), for 30–60 seconds. Direct printing allows a better penetration of the ink during the heat-fixing process

EFI Reggiani IRIS Plus inks are available in the following colors:

Black   Cyan   Magenta   Yellow

Fastness properties

600 dpi Color	Light Fastness ISO 105-B02 100%*	Washing 140°F(60°C) ISO 105-C06	Water ISO 105-E01	Perspiration Acid ISO 105-E04	Perspiration Alkaline ISO 105-E04	Crocking Fastness: Dry ISO 105-X12	Crocking Fastness: Wet ISO 105-X12
Black	4-5	4-5	4-5	4-5	4-5	4	5
Cyan	4	4-5	4-5	4-5	4-5	5	5
Magenta	5-6	4-5	4-5	4-5	4-5	4-5	5
Yellow	6-7	4-5	4-5	4-5	4-5	4-5	5

Samples printed on 57 g/m² paper and transferred on not-pretreated polyester dull for fashion application in calender at 401°F (205°C) for 45 seconds.

*The light fastness test was performed on sample printed in transfer mode on 100% polyester, 220 g/m².

E21K8LYY2 Centexbel
Textile and leather chemicals. Tested and verified.
www.oeko-tex.com/ecopass

This product has achieved the ZDHC MRSL Conformance Level 3 in accordance with the ZDHC MRSL V2.0

Let's be brilliant. Together.

We understand you want breakthrough technologies to lead you through your digital journey. That's why we're passionate about driving your business growth with a scalable portfolio of products, solutions, services, support, and world-class partnerships for the manufacturing of signage, packaging, textiles, ceramic tiles, building materials, commercial print, and personalized documents with a wide range of printers, inks, digital front ends, and workflow software. Our unwavering commitment is to increase your profits, cut costs, improve productivity, and optimize efficiency — job after job, year after year. We're obsessed with your success. And we definitely believe we have the right people, technology and experience to help your business achieve its goals. Visit www.efi.com or call 800-875-7117 for more information.