# efi® | REGGIANI

## Inspire your creativity with EFI Reggiani water-based inks

# Explore the new world of EFI Reggiani water-based inks

- Eco-friendly, water-based inks

- Extraordinary color brightness and vibrancy

- Extensive color gamut

- Designed to leverage EFI™ Reggiani digital printers' performance

- Designed for Kyocera printhead technology

- Ensure longer printhead life

- Superior reliability

- Reduced maintenance costs

- In compliance with the most demanding standards requested of the textile market to deliver more sustainable products

- Strict quality control of the raw material during the manufacturing process

## *You can rely on EFI Reggiani as your trusted partner*

- Strongest worldwide experience and knowledge of the digital printing textile market

- Full technological support

- Continuous quality control

- Twelve-month warranty on the printheads
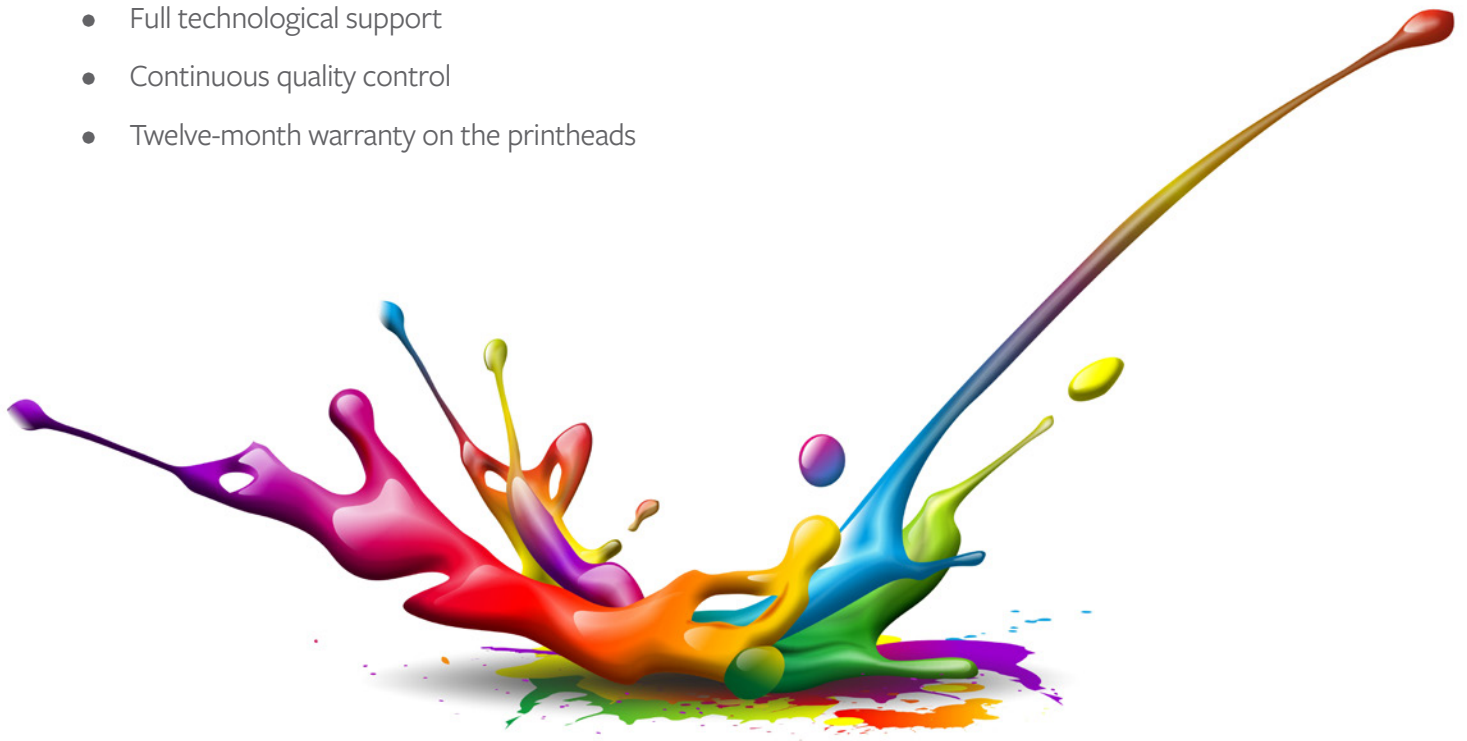
# Every kind of fabric needs a different kind of ink

| FABRIC | REACTIVE | PIGMENT | ACID | SUBLIMATIC | DISPERSE |
|---|---|---|---|---|---|
| Cotton | ● | ● | | | |
| Viscose | ● | ● | | | |
| Linen | ● | ● | | | |
| Silk | ● | ● | | | |
| Wool | ● | ● | ● | | |
| Leather | | ● | ● | | |
| Polyamide | | ● | ● | | |
| Polyester | | ● | ● | ● | ● |

## Technical information

| PRINTHEAD COMPATIBILITY | JETTING TEMPERATURE | RECOMMENDED RH |
|---|---|---|
| Kyocera KJ4B | 89.6°F (32°C) | 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 |

# AQUA Premium Reactive Ink

Deliver incomparable shades and deep intensive colors to your most demanding customers.

Outstanding printing results to boost your home-textile and fashion productions.

| SUBSTRATE | APPLICATION |
| --- | --- |
| Cotton, silk, viscose rayon, linen, and lyocell | Home textile and fashion |

| PROCEDURE | | | | |
| --- | --- | --- | --- | --- |
| PRE-PADDING | DRYING (below 248°F [120°C]) | PRINTING | STEAMING (215.6°F [102°C], 8–12 minutes) | WASH-OFF (Cold > Hot > Warm > Cold) |

## Pretreatment process

Basic recipe

| COMPONENT | oz/L (g/L) |
|---|---|
| Thickener (alginate) | 3.53-5.29 (100-150) |
| Reduction inhibitor | 0.35–0.71 (10–20) |
| Alkali ($Na_2CO_3$) | 0.71–0.88 (40) |
| Hygroscopic agent (urea) | 3.53–7.05 (100–200) |

Process also applies to Diamond Reactive Ink

## EFI Reggiani AQUA Premium inks are available in the following colors:

- Abs Black
- Black
- Cyan
- Magenta
- Yellow
- Orange
- Red
- Blue
- Grey 171
- Grey 170*
- Light Magenta
- Light Cyan
- Extra Deeping
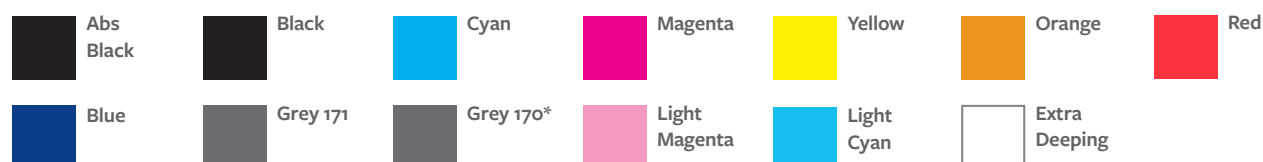
## Fastness properties

| Test | Light Fastness ISO 105-B02 100% | Light Fastness ISO 105-B02 50% | 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 |
|---|---|---|---|---|---|---|---|---|
| Absolute Black | 4 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 3 |
| Black | 4 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 3-4 |
| Cyan | 5-6 | 5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 3 |
| Magenta | 3-4 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 4 |
| Yellow | 6 | 5-6 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 3-4 |
| Orange | 4-5 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 3 |
| Red | 4 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 3 |
| Blue | 5-6 | 5 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 4 |
| Grey 170* | 3-4 | 3 | 4-5 | 4-5 | 4 | 4-5 | 5 | 4-5 |
| Grey 171 | 3 | 2-3 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 4-5 |
| Light Magenta | 3 | 2-3 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 4 |
| Light Cyan | 4 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 3-4 |

*Grey 170 is not GOTS certified. Contact EFI Reggiani for more details.*
*Please note that ink performances can vary according to the substrate used in the final application.*

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Textile and leather chemicals. Tested and verified
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# DIAMOND Reactive Ink

Delivers brilliant colors to meet the specific needs of customers across a wide range of applications printed on natural fabrics, such as cotton, silk, viscose rayon, linen, and lyocell. Choose the black you prefer among Black, Fashion Black and Master Black!

| SUBSTRATE | APPLICATION |
|---|---|
| Cotton, silk, viscose rayon, linen, and lyocell | Home textile and fashion |

| PROCEDURE | | | | |
|---|---|---|---|---|
| PRE-PADDING | DRYING (below 248°F [120°C]) | PRINTING | STEAMING (215.6°F [102°C], 8–12 minutes) | WASH-OFF (Cold > Hot > Warm > Cold) |

# EFI Reggiani DIAMOND inks are available in the following colors:
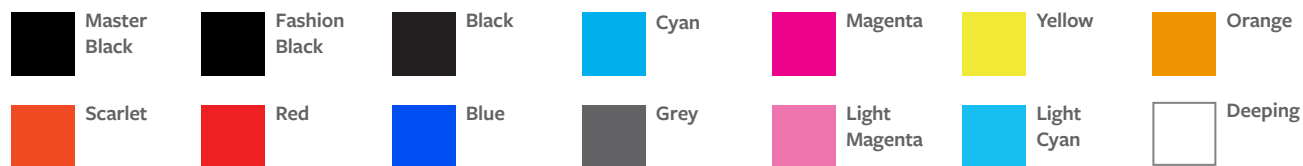
| | | | | |
|---|---|---|---|---|
| Master Black | Fashion Black | Black | Cyan | Magenta | Yellow | Orange |
| Scarlet | Red | Blue | Grey | Light Magenta | Light Cyan | Deeping |

## Fastness properties

| Test | 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 ISO 105-X12 |
|---|---|---|---|---|---|---|
| Master Black | 6 | 5 | 4–5 | 4–5 | 4 | 4–5 |
| Fashion Black | 6 | 5 | 4–5 | 4–5 | 4 | 4–5 |
| Black | 6 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Cyan | 6 | 4–5 | 4 | 4–5 | 4–5 | 4–5 |
| Magenta | 5 | 4–5 | 5 | 5 | 5 | 4–5 |
| Yellow | 6 | 5 | 4–5 | 4–5 | 4–5 | 5 |
| Orange | 5–6 | 4–5 | 4–5 | 4–5 | 4 | 4–5 |
| Scarlet | 3 | 4–5 | 4–5 | 4–5 | 4–5 | 4 |
| Red | 5 | 5 | 4–5 | 5 | 4 | 4–5 |
| Blue | 6 | 5 | 4–5 | 4–5 | 4 | 4–5 |
| Grey | 6 | 5 | 4–5 | 4–5 | 4 | 4–5 |
| Light Magenta | 2 | 4–5 | 4–5 | 4–5 | 5 | 5 |
| Light Cyan | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4 |

*Please note that ink performances can vary according to the substrate used in the final application.*

# Pigment Inks

## *The EFI Reggiani commitment for sustainable solutions*

EFI Reggiani remains steadfast in its commitment to developing innovative solutions that carefully balance sustainability with machine performance. Our green processes focus on energy, water and ink savings, reducing color waste and stock, the use of recyclable materials, and a drastic reduction in pollution in every part of our supply chain, covering the full textile workflow.

Starting in 2010, EFI Reggiani digital printers are all certified with the ACIMIT (Italian Textile Machinery Manufacturers Association) "Green Label," a certification that guarantees our commitment to offer eco-sustainable processes to our customers.

# Green processes to improve textile industry sustainability

## GEA Pigment Ink

EFI Reggiani GEA pigment ink is the environment-friendly solution for the masters of pigment.

Brilliant colors increase the standard digital pigment gamut, reaching astonishing shades. Plus, no need for washing makes the post-treatment process short and reduces water and energy consumption. EFI Reggiani GEA pigment inks deliver the highest light fastness in the ink range, combined with drop precision and high printability sharpness to satisfy both home textile and fashion requirements.

| SUBSTRATE | APPLICATION |
|---|---|
| Cotton, cotton-poly blends | Fashion, home-textile and accessories |
| PROCEDURE | |

PREPARATION → PRINTING → POLYMERIZATION AND FINISHING (STENTER)

## Pretreatment process

EFI Reggiani PIGMENT PRE to improve printing definition and increase color intensity

EFI Reggiani PIGMENT FINISH and ACTIVA to raise fastness results

| COMPONENT | oz/L (g/L) |
|---|---|
| PIGMENT PRE | 2.12 (60) |
| PIGMENT FINISH | 2.12 (60) |
| PIGMENT ACTIVA | 1.06-2.12 (30-60) |

## EFI Reggiani GEA inks are available in the following colors

Black    Cyan    Magenta    Yellow    Red    Blue    Green    Orange

## 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 | 7-8 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| Cyan | 7-8 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| Magenta | 7-8 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| Yellow | 7-8 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| Red | 7-8 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| Blue | 7-8 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| Green | 6-7 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| Orange | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 3-4 | 3-4 |

*Please note that ink performances can vary according to the substrate used in the final application.*

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Textile and leather chemicals. Tested and verified
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## TERRA Pigment Ink

EFI Reggiani Water-Based Pigment with binder technology delivers an environmental-friendly and short process. The inline polymerization guarantees less water, less energy and less processing time – no washing and no steaming needed. Plus, excellent fastness properties and high printability sharpness allows you to print even the finest designs on the widest range of fabrics

| SUBSTRATE | APPLICATION |
|---|---|
| Cotton, cotton-poly blends | Fashion, home-textile and accessories |
| PROCEDURE | |

**PREPARATION** → **PRINTING AND INLINE POLYMERIZATION**

# Pretreatment process

**Choose the option that best fits your need:**

**1** EFI Reggiani TERRA PRIMER to improve printing definition

EFI Reggiani TERRA PLUS to increase color intensity

EFI Reggiani TERRA FIX to raise fastness results to customise your recipe

**2** EFI Reggiani PIGMENT PRE for easy-to-use applications

## EFI Reggiani TERRA inks are available in the following colors:

Black · Cyan · Magenta · Yellow · Red · Blue · Green · Orange

## Fastness properties

| 600 dpi Color | Light Fastness 100%, 50%, 10% ISO 105-B02 | 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 | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 |
| Cyan | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 3 | 3–4 |
| Magenta | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 | 3–4 |
| Yellow | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4 | 4 |
| Red | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 | 3–4 |
| Blue | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 |
| Green | 6 | 4–5 | 4–5 | 4–5 | 4–5 | 4 | 4 |
| Orange | 4 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 3-4 |

| 1200 dpi Color | Light Fastness 100%, 50%, 10% ISO 105-B02 | 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 | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 2–3 |
| Cyan | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 | 3 |
| Magenta | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 3 | 3–4 |
| Yellow | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 | 3–4 |
| Red | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 3 | 3 |
| Blue | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4 | 3 |
| Green | 6 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 | 3–4 |
| Orange | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 2-3 |

*Please note that ink performances can vary according to the substrate used in the final application.*

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Textile and leather chemicals. Tested and verified
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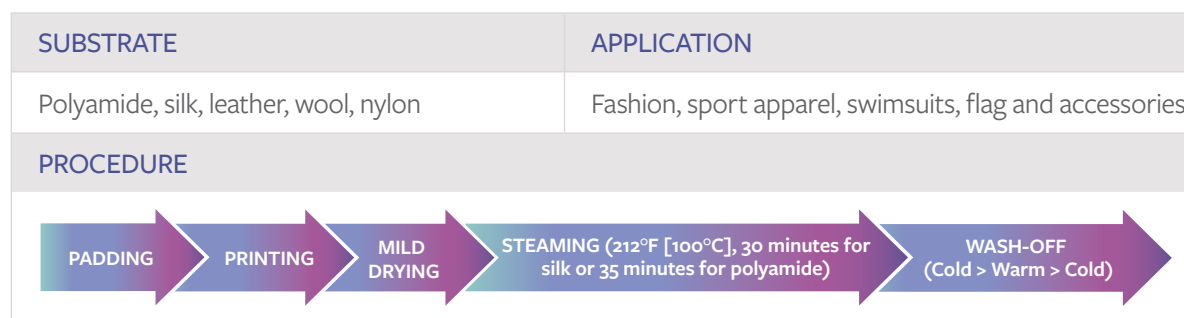GLOBAL ORGANIC TEXTILE STANDARD · GOTS ·

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# FUOCO Acid Ink

Enhance the brightness of your prints with EFI Reggiani FUOCO superior color vibrancy. FUOCO acid inks are specifically designed to deliver amazing prints. Take advantage of outstanding quality for high demanding textile application with incomparable color deepness and excellent fastness performance.

| SUBSTRATE | APPLICATION |
|---|---|
| Polyamide, silk, leather, wool, nylon | Fashion, sport apparel, swimsuits, flag and accessories |

| PROCEDURE |
|---|

PADDING → PRINTING → MILD DRYING → STEAMING (212°F [100°C], 30 minutes for silk or 35 minutes for polyamide) → WASH-OFF (Cold > Warm > Cold)

## Pretreatment process

| COMPONENT | oz/L (g/L) |
|---|---|
| Urea | 2.82–3.53 (80-100) |
| Antireduction | 0.18 (5) |
| Ammonium sulfate | 1.41 (40) |

| COMPONENT | oz/L (g/L) |
|---|---|
| Antifoam | 0.04 (1) |
| Thickener | 3.53–5.29 (100–150) |
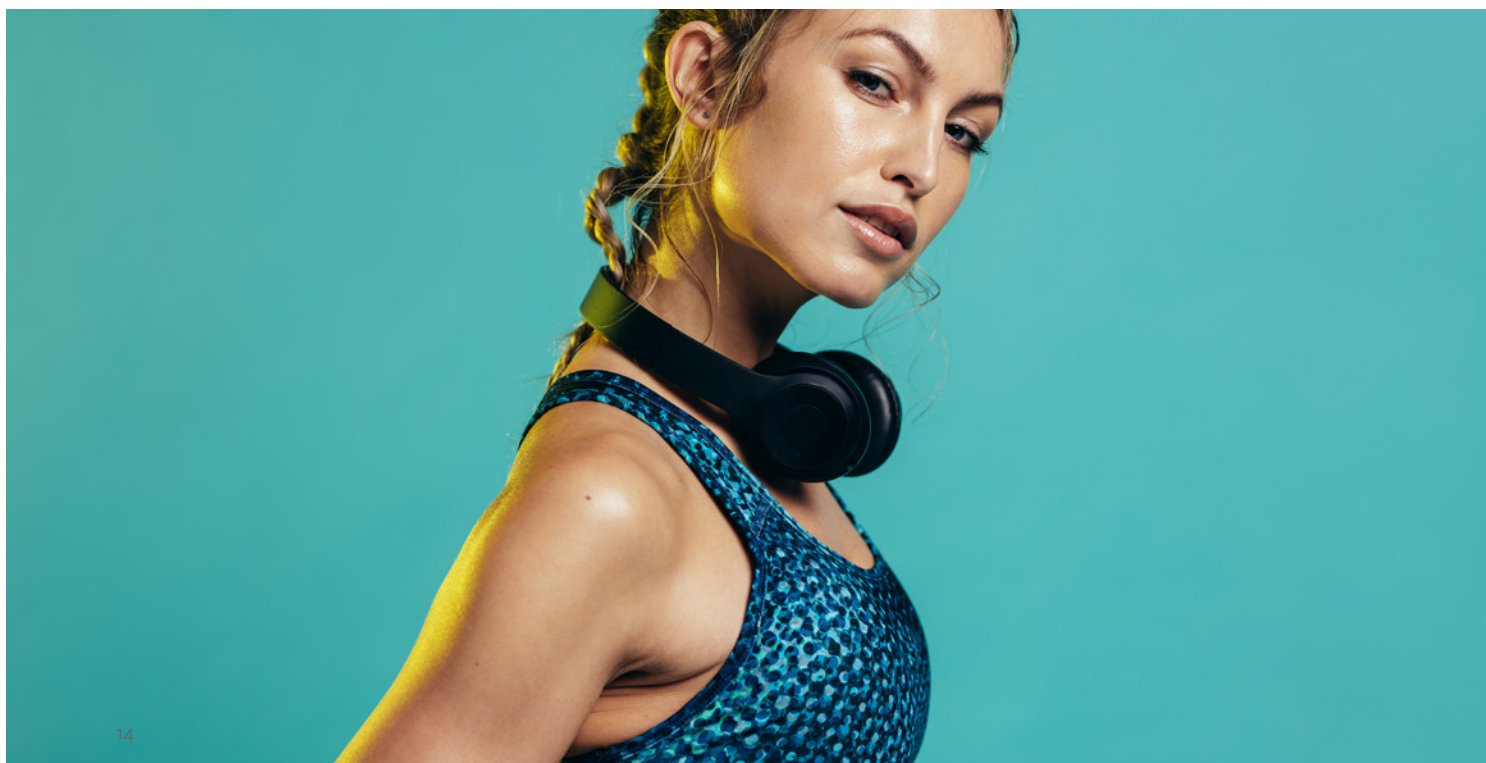
# EFI Reggiani FUOCO inks are available in the following colors:

- Black
- Cyan
- Magenta
- Yellow
- Orange
- Red
- Blue
- Grey
- Light Cyan
- Light Magenta
- Extra Deeping
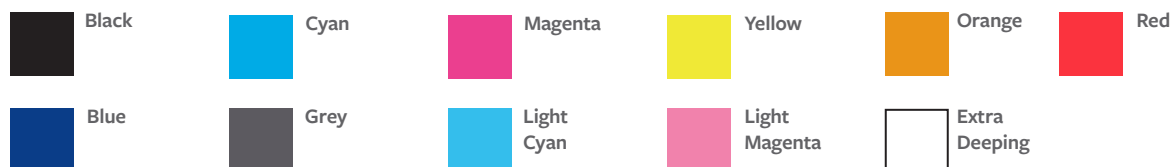
## Fastness properties EFI Reggiani FUOCO on Polyamide

*Test made on 80% Polyamide/20% Lycra

| 600 dpi Color | Dry Rubbing ISO 105–X12 | Wet Rubbing ISO 105–X12 | Artificial Light 100% ISO 105–B02 | Chlorine Water ISO 105–E03 | Dom&Com Launder 140°F (60° C) ISO 105–C06 | Acid Perspiration ISO 105–E04 | Alkaline Perspiration ISO 105–E04 | Water ISO 105–E01 |
|---|---|---|---|---|---|---|---|---|
| Black | 5 | 4-5 | 6-7 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 |
| Cyan | 5 | 4–5 | 2-3 | 3 | 4-5 | 4-5 | 4-5 | 4-5 |
| Magenta | 5 | 5 | 3 | 4 | 4-5 | 4-5 | 4-5 | 4-5 |
| Yellow | 5 | 5 | 6-7 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 |
| Orange | 5 | 5 | 3-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 |
| Red | 5 | 5 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 |
| Blue | 5 | 4-5 | 6 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 |
| Grey | 5 | 5 | 5 | 3 | 4-5 | 4-5 | 4-5 | 4-5 |
| Light Cyan | 5 | 4-5 | 2 | 2-3 | 4-5 | 4-5 | 4-5 | 4-5 |
| Light Magenta | 5 | 5 | 2 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 |

## Fastness properties EFI Reggiani FUOCO on Silk

*Test made on 100% Silk

| 600 dpi Color | Dry Rubbing ISO 105–X12 | Wet Rubbing ISO 105–X12 | Artificial Light 100% ISO 105–B02 | Chlorine Water ISO 105–E03 | Dom&Com Launder 140°F (60° C) ISO 105–C06 | Acid Perspiration ISO 105–E04 | Alkaline Perspiration ISO 105–E04 | Water ISO 105–E01 |
|---|---|---|---|---|---|---|---|---|
| Black | 4 | 4-5 | 6-7 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 |
| Cyan | 5 | 5 | 5 | 4-5 | 4 | 4-5 | 4-5 | 4-5 |
| Magenta | 4-5 | 4-5 | 2-3 | 4-5 | 3-4 | 4-5 | 4-5 | 4-5 |
| Yellow | 4 | 4-5 | 6-7 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 |
| Orange | 5 | 5 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 |
| Red | 5 | 4-5 | 3 | 4-5 | 4 | 4-5 | 4-5 | 4-5 |
| Blue | 5 | 4-5 | 4 | 4-5 | 2 | 4-5 | 4-5 | 4-5 |
| Grey | 5 | 5 | 4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 |
| Light Cyan | 5 | 4-5 | 4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 |
| Light Magenta | 5 | 5 | 1-2 | 4-5 | 3 | 4-5 | 4-5 | 4-5 |

Please note that ink performances can vary according to the substrate used in the final application.

E1SM1LZF9 Centexbel
Textile and leather chemicals. Tested and verified
www.oeko-tex.com/ecopass

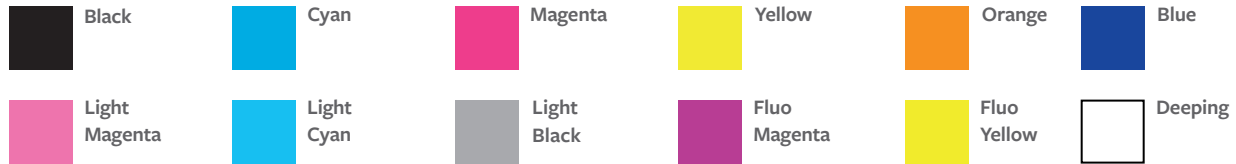Licence No. GOTS-ECOCERT-08-01057

# IRIS Sublimatic Ink

Extended color gamut and high chroma guarantee stunning results to your digital textile printing. Plus, they're dual-use inks that perform astonishingly well whether used in sublimation or direct printing.

| SUBSTRATE | APPLICATION |
|---|---|
| Polyester and elastomer fabrics (lycra) | Fashion, sportswear, home textile, and accessories |

| PROCEDURE | |
|---|---|
| Transfer printing: The printed paper must be transferred hot, through a 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 inks are available in the following colors:

- Black
- Cyan
- Magenta
- Yellow
- Orange
- Blue
- Light Magenta
- Light Cyan
- Light Black
- Fluo Magenta
- Fluo Yellow
- Deeping

## Fastness properties IRIS direct

| 600 dpi Color | Dry Rubbing ISO 105–X12 | Wet Rubbing ISO 105–X12 | Artificial Light 100% ISO 105–B02 | Chlorine Water ISO 105–E03 | Dom&Com Launder 140°F (60° C) ISO 105–C06 | Acid Perspiration ISO 105–E04 | Alkaline Perspiration ISO 105–E04 | Water ISO 105–E01 |
|---|---|---|---|---|---|---|---|---|
| Black | 4 | 4 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Cyan | 4–5 | 4–5 | 4–5 | 4–5 | 4 | 4–5 | 4–5 | 4–5 |
| Magenta | 4–5 | 4 | 4–5 | 4–5 | 4 | 4–5 | 4–5 | 4–5 |
| Yellow | 5 | 5 | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Orange | 4–5 | 4–5 | 6–7 | 4–5 | 4 | 4–5 | 4–5 | 4–5 |
| Blue | 4 | 4 | 4–5 | 4–5 | 4 | 4–5 | 4–5 | 4–5 |
| Light Magenta | 5 | 5 | 4–5 | 4 | 4–5 | 4–5 | 4–5 | 4–5 |
| Light Cyan | 5 | 5 | 4 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Light Black | 5 | 5 | 3–4 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Fluo Magenta | 1–2 | 2 | 5–6 | 3–4 | 3–4 | 4–5 | 4–5 | 4–5 |
| Fluo Yellow | 3 | 2 | 4 | 2–3 | 2–3 | 3 | 2–3 | 2–3 |

## Fastness properties IRIS transfer

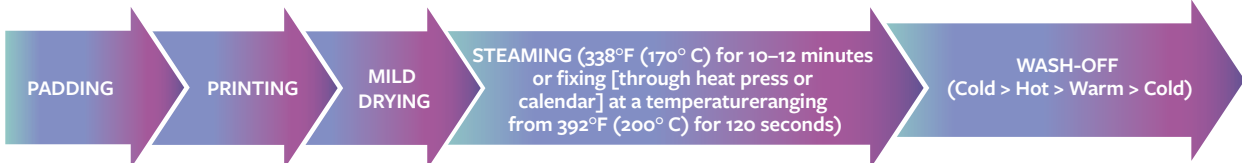| 600 dpi Color | Dry Rubbing ISO 105–X12 | Wet Rubbing ISO 105–X12 | Artificial Light 100% ISO 105–B02 | Chlorine Water ISO 105–E03 | Dom&Com Launder 140°F (60° C) ISO 105–C06 | Acid Perspiration ISO 105–E04 | Alkaline Perspiration ISO 105–E04 | Water ISO 105–E01 |
|---|---|---|---|---|---|---|---|---|
| Black | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Cyan | 5 | 5 | 4 | 4 | 4 | 4–5 | 4–5 | 4–5 |
| Magenta | 5 | 5 | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Yellow | 5 | 5 | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Orange | 4–5 | 4–5 | 5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Blue | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Light Magenta | 5 | 5 | 6–7 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Light Cyan | 5 | 5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Light Black | 5 | 5 | 3–4 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Fluo Magenta | 5 | 5 | 5–6 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Fluo Yellow | 4 | 4 | 4 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |

Please note that ink performances can vary according to the type substrate used in the final application.

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

Fluo Magenta and Fluo Yellow have 6 months of shelf life, all the other colors 12 months
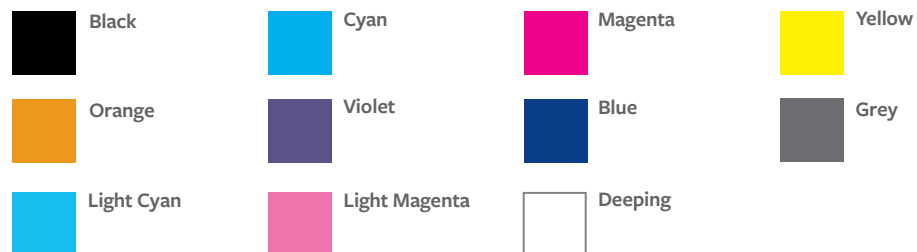
# ARIA Disperse Ink

EFI Reggiani ARIA direct disperse inks ensure that your fabrics have bright, vivid colors with excellent definition. Deeping will allow you to easily achieve the desired through-print and maximize your results when disperse printing, while quick drying and very high washing-off and light-fastness properties make them the perfect inks to get you noticed.

| SUBSTRATE | APPLICATION |
|---|---|
| Polyester, polyamide | Fashion, accessories, footwear, and outdoor, home textile |

**PROCEDURE**

PADDING → PRINTING → MILD DRYING → STEAMING (338°F (170° C) for 10–12 minutes or fixing [through heat press or calendar] at a temperatureranging from 392°F (200° C) for 120 seconds) → WASH-OFF (Cold > Hot > Warm > Cold)

# EFI Reggiani ARIA inks are available in the following colors:

| | | | |
|---|---|---|---|
| ■ Black | ■ Cyan | ■ Magenta | ■ Yellow |
| ■ Orange | ■ Violet | ■ Blue | ■ Grey |
| ■ Light Cyan | ■ Light Magenta | ☐ Deeping | |

## 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 | Chlorine Water ISO 105-E03 | Sea Water ISO 105-E02 |
|---|---|---|---|---|---|---|---|---|---|
| Black | 4 | 4–5 | 4–5 | 4–5 | 4–5 | 5 | 5 | 4–5 | 4–5 |
| Cyan | 6 | 4–5 | 4–5 | 4–5 | 4–5 | 5 | 5 | 4–5 | 4–5 |
| Magenta | 5 | 4–5 | 4–5 | 4–5 | 4–5 | 4 | 4 | 4 | 4–5 |
| Yellow | 6 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Orange | 2–3 | 4–5 | 4–5 | 4–5 | 4–5 | 3–4 | 3–4 | 4–5 | 4–5 |
| Violet | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 5 | 5 | 4–5 | 4–5 |
| Blue | 4 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 |
| Grey | 4–5 | 4–5 | 4–5 | 4–5 | 4–5 | 5 | 5 | 4 | 4–5 |

Please note that ink performances can vary according to the type of substrate used in the final application.

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

The fastness values have been certified by Centro Tessile Serico Spa Consortile and by ACCREDIA laboratory, Italy.

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