

Product portfolio



KIIAN DIGITAL | YOUR PREFERRED PARTNER

Headquartered in Novedrate, Italy, Kiian Digital is a JK Group brand.

The Group, operative from July 1st 2015, plays a central role in the digital textile printing market and is a leading manufacturer of inkjet inks for digital print production. With offices in Italy, China and the USA, Kiian Digital delivers in over 90 countries worldwide via a global dealer network. Among its products are sublimation, disperse and pigment inks. Kiian Digital is the preferred partner for those seeking consistent quality and reliability in transfer and direct printing.

With its roots in industrial, specialty and screen printing products, Kiian Digital has a competitive advantage when it comes to the development of dedicated products for various print heads and a wide range of applications such as sportswear, promotional wear, visual communications and graphic arts.



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PRINTING WITH WATER-BASED PIGMENTS

GRAPHIC PRINTING

PRINTING WITH WATER-BASED PIGMENT INKS

COMPLEMENTARY ACCESSORIES

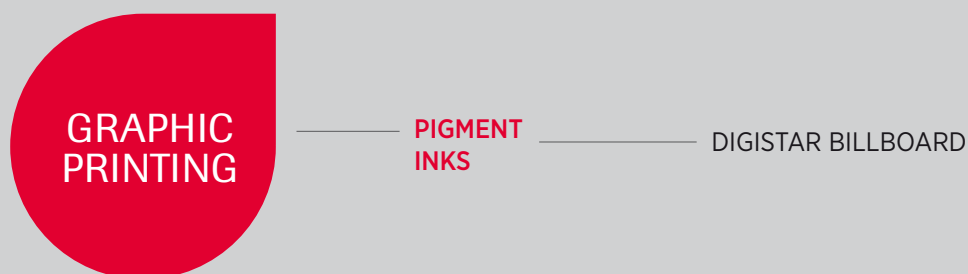
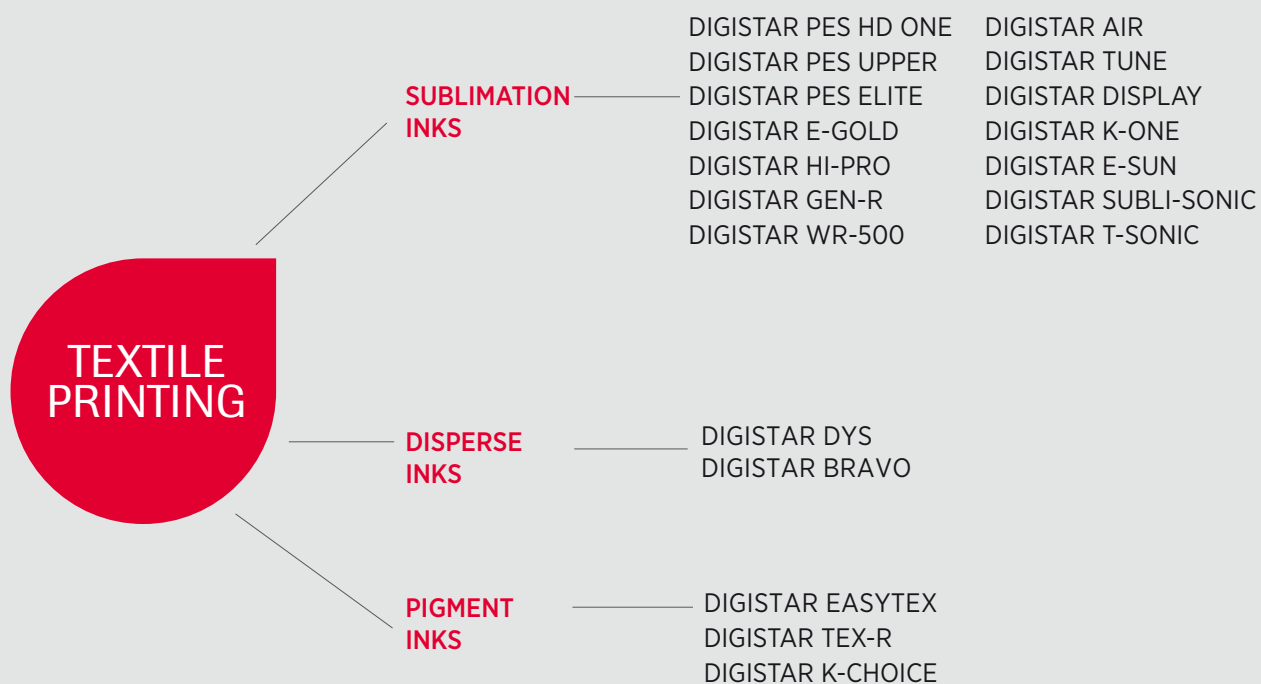
PAPER FOR SUBLIMATION PRINTING

THE FEEDER



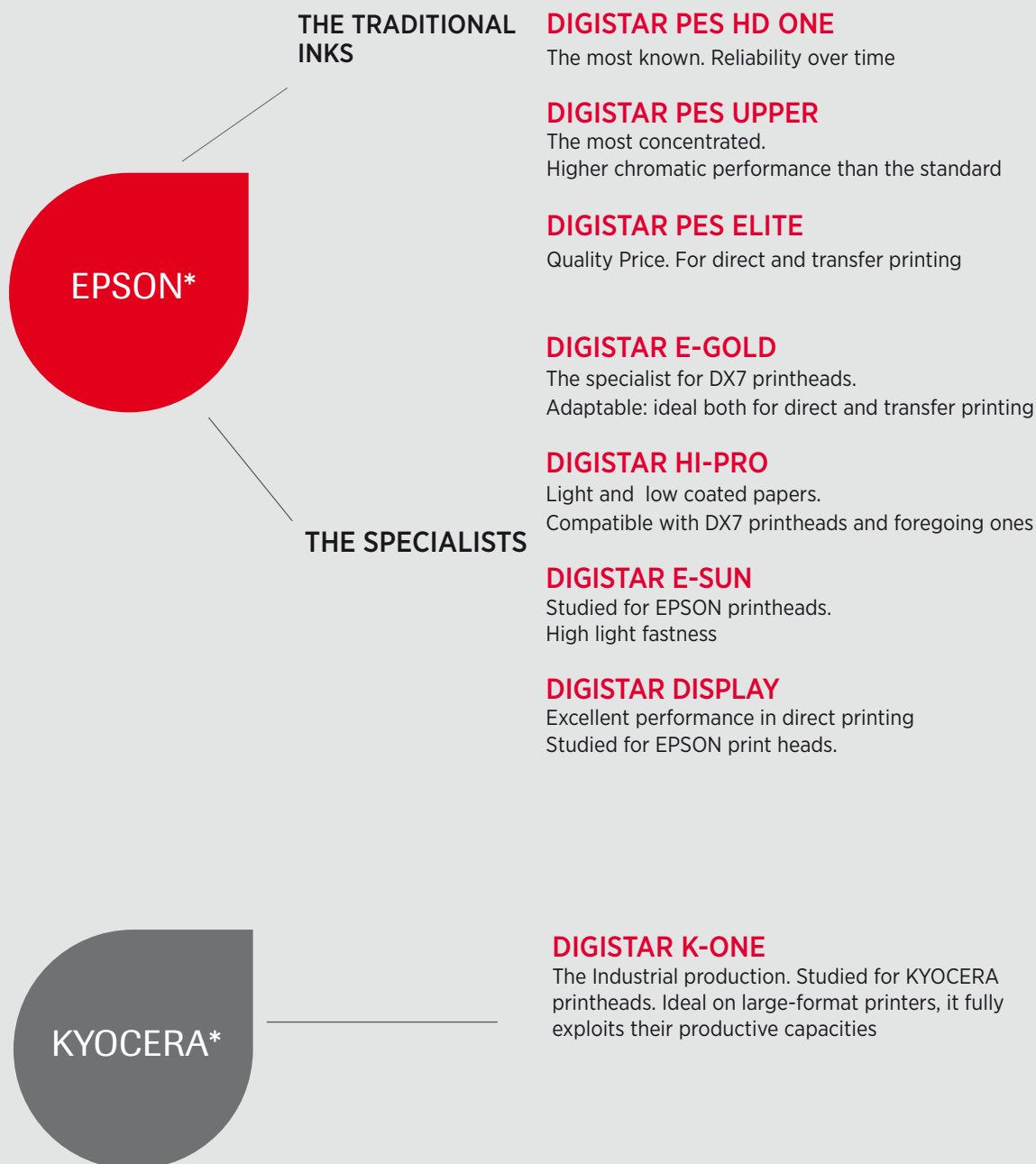


PRODUCTS RANGE





SUBLIMATION RANGE





SUBLIMATION RANGE

RICOH*

DIGISTAR GEN-R

Out of the box. Studied for RICOH printheads. Compatible with various substrates for the most different uses

DIGISTAR WR-500

Studied for RICOH GEN5 printheads.
Ideal for light and low coated papers

DIGISTAR AIR

Studied for RICOH printheads.
Ideal for light and low coated papers

DIGISTAR TUNE

Studied for RICOH printheads.
Ideal for direct printing onto synthetic fibres

PANASONIC*

DIGISTAR SUBLI-SONIC

Studied for PANASONIC printheads.
Excellent drying quickness of the printed paper

DIGISTAR T-SONIC

Studied for PANASONIC printheads.
High colour concentration, printable onto various substrates for the most different uses



TEXTILE PRINTING





SUBLIMATION RANGE

The sublimation ink technology is based on the property of certain dyes to sublimate at warm temperature and to permanently colour textile fibers or synthetic materials with which they are in contact during sublimation.

The application of the inks is made by means of inkjet printing on sublimation paper followed by drying, coupling with the support on which you want to get the color effect, and heat transfer of the color, by means of a calender or a flat press, at a temperature between 180 and 220°C for a time which can vary between 30 and 180".

The time and temperature of the transfer phase, however, may vary depending on the type and the nature of the material used.

In case you want to decorate rigid materials which, by their nature, are not consistent with sublimation inks, you must get this affinity applying a pre-coating on the surface you want to decorate.





PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR PES HD ONE

WHERE

Sportswear and sports merchandising
Transfer onto rigid (pre-treated) substrates

WHY

Ink having an absolute reliability over time

FEATURES

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

Ideal for transferring onto synthetic fabrics (polyester)
Ideal for transferring onto rigid substrates (pre-treated)

APPLICATION VERSATILITY

Ideal for sportswear, promotional items, curtaining, flags, banners,
interior decoration
Ideal for transferring onto rigid substrates (pre-treated)

COMPATIBLE WITH DX3, DX4 and DX5 PRINTHEADS

Compatible with the above-mentioned piezo printheads

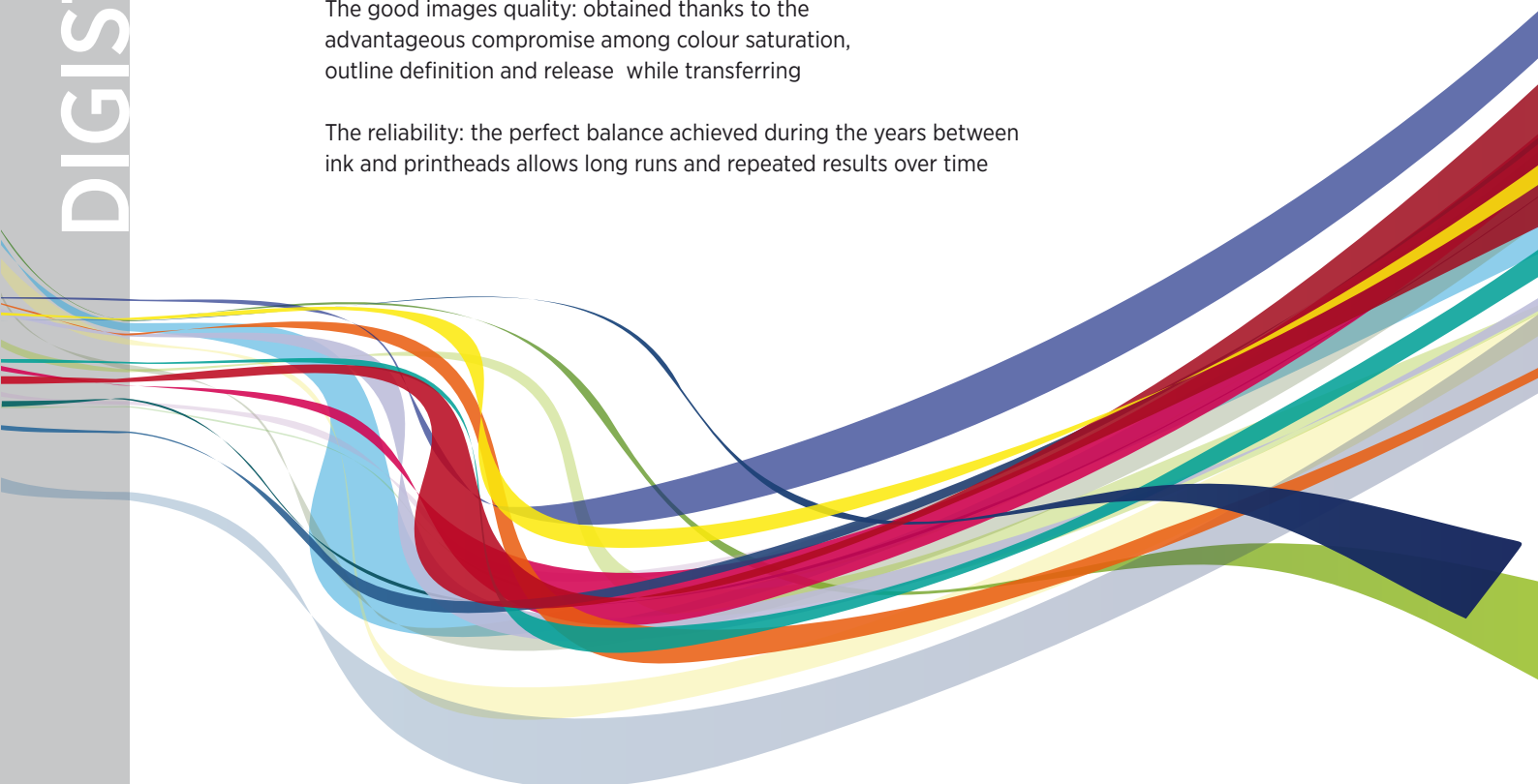
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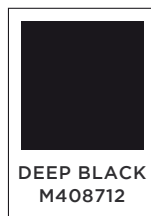
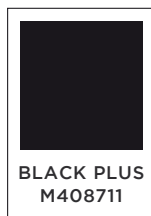
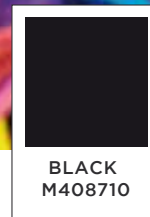
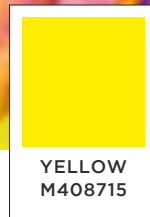
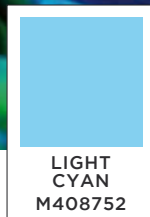
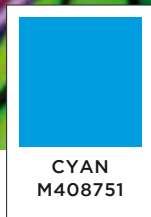
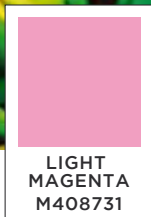
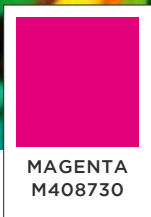
The chromatism: colour brightness and extent, allowing
the reproduction of a wide colour space during profiling

The good images quality: obtained thanks to the
advantageous compromise among colour saturation,
outline definition and release while transferring

The reliability: the perfect balance achieved during the years between
ink and printheads allows long runs and repeated results over time

DIGISTAR PES HD ONE





PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR PES HD ONE

Sublimation transfer Ink designed for Sports Industry for both sportswear, equipment and promotional.
Choose it if you want a reliable ink, image quality and wide gamut



PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR PES UPPER

WHERE

Advertising
Flag & banner
Interior decoration
Sportswear

WHY

Upper chromatic performances than the standard ones

FEATURES

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

Ideal for transferring onto synthetic fabrics (polyester)
Ideal for transferring onto rigid substrates (pre-treated)

HIGH COLOUR CONCENTRATION

Ideal for advertising, promotional items, flags, banners, interior decoration and sportswear

COMPATIBLE WITH DX3, DX4 and DX5 PRINTHEADS

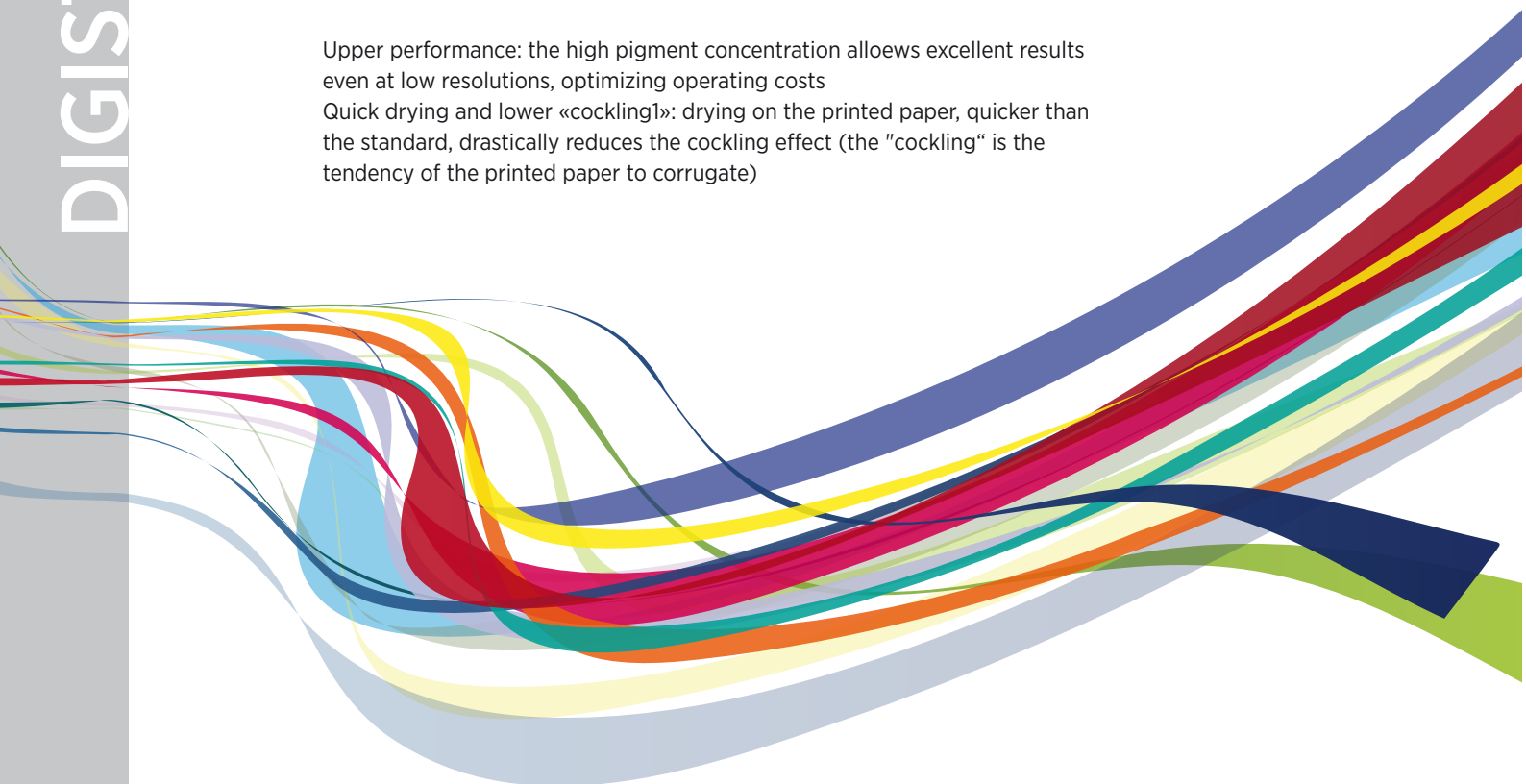
Compatible with the above-mentioned piezo printheads

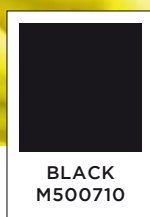
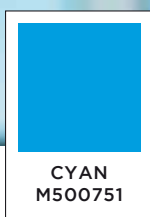
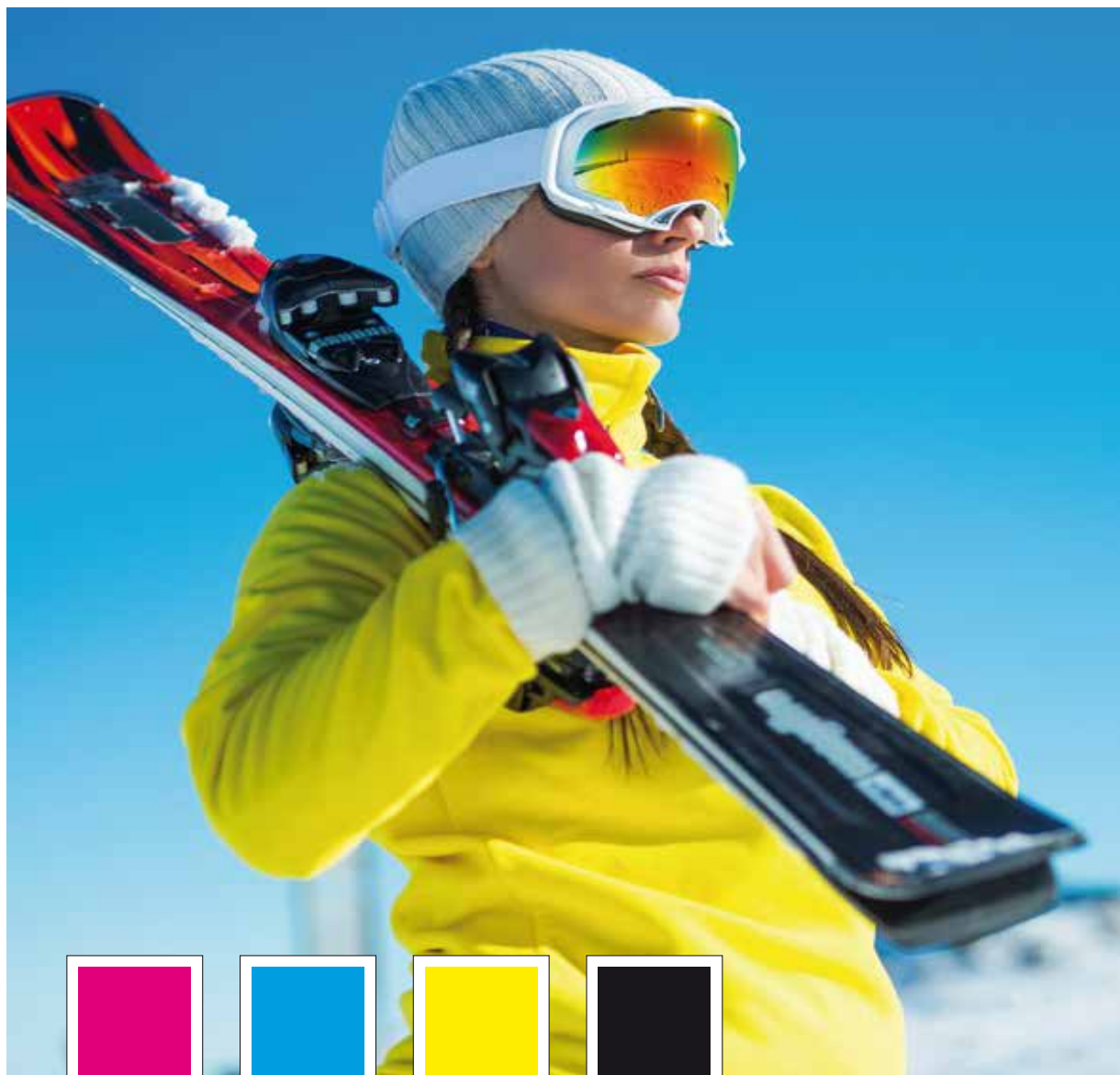
WHAT MORE

Chromatic performance > than the standard:
a remarkable increase, thanks to the higher pigment concentration in its formula

Upper performance: the high pigment concentration allows excellent results even at low resolutions, optimizing operating costs
Quick drying and lower «cockling»: drying on the printed paper, quicker than the standard, drastically reduces the cockling effect (the "cockling" is the tendency of the printed paper to corrugate)

DIGISTAR PES UPPER





PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR PES UPPER

Sublimation transfer Ink designed for Sports & Soft Signage. Choose it if you want 20% higher color yield than standard



PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR PES ELITE

WHERE

Direct printing onto PES
Transfer printing onto blended fibres (min 80% PES)

WHY

Best quality price ratio

FEATURES

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

Ideal for transferring onto synthetic fabrics (polyester)
Indicated for transferring onto blended fibres (min 80% PES)
Ideal for transferring onto rigid substrates (pre-treated)

DIGITAL SUBLIMATION INK FOR DIRECT PRINTING

Indicated for direct printing onto synthetic fabrics (polyester)

COMPATIBLE WITH DX3, DX4 and DX5 PRINTHEADS

Compatible with the above-mentioned piezo printheads

WHAT MORE

Quick drying: excellent for long runs; it allows the processes standardization, reducing operating costs

Application versatility: printing both directly and transfer halves the stock management costs

Designed to optimize the processes: the ideal selection of raw materials allowed the balancing between performances and optimization of the processes, ensuring the best quality-price ratio

DIGISTAR PES ELITE

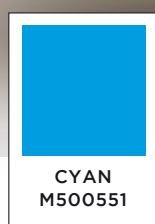




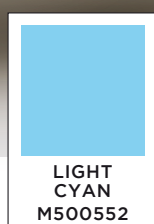
MAGENTA
M500530



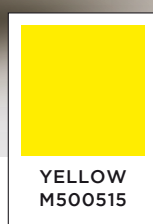
LIGHT
MAGENTA
M500531



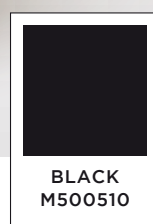
CYAN
M500551



LIGHT
CYAN
M500552



YELLOW
M500515



BLACK
M500510

PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR PES ELITE

Sublimation Ink designed for both direct and heat-transfer printing onto Polyester substrates.
Choose it if you are looking for the best quality-price ratio



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR E-GOLD

WHERE

Transfer printing onto PES and blended fibres (min 80% PES)
Direct printing onto PES

WHY

Direct and transfer printing
DX7 printheads and foregoing ones

FEATURES

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

Ideal for transferring onto synthetic fabrics (polyester)
Indicated for transferring onto blended fibres (min 80% PES)
Ideal for transferring onto rigid substrates (pre-treated)

DIGITAL SUBLIMATION INK FOR DIRECT PRINTING

Indicated for direct printing onto synthetic fabrics (polyester)

COMPATIBLE WITH NEXT GENERATION PRINTHEADS

Compatible with DX7 piezo printheads (and preceding)

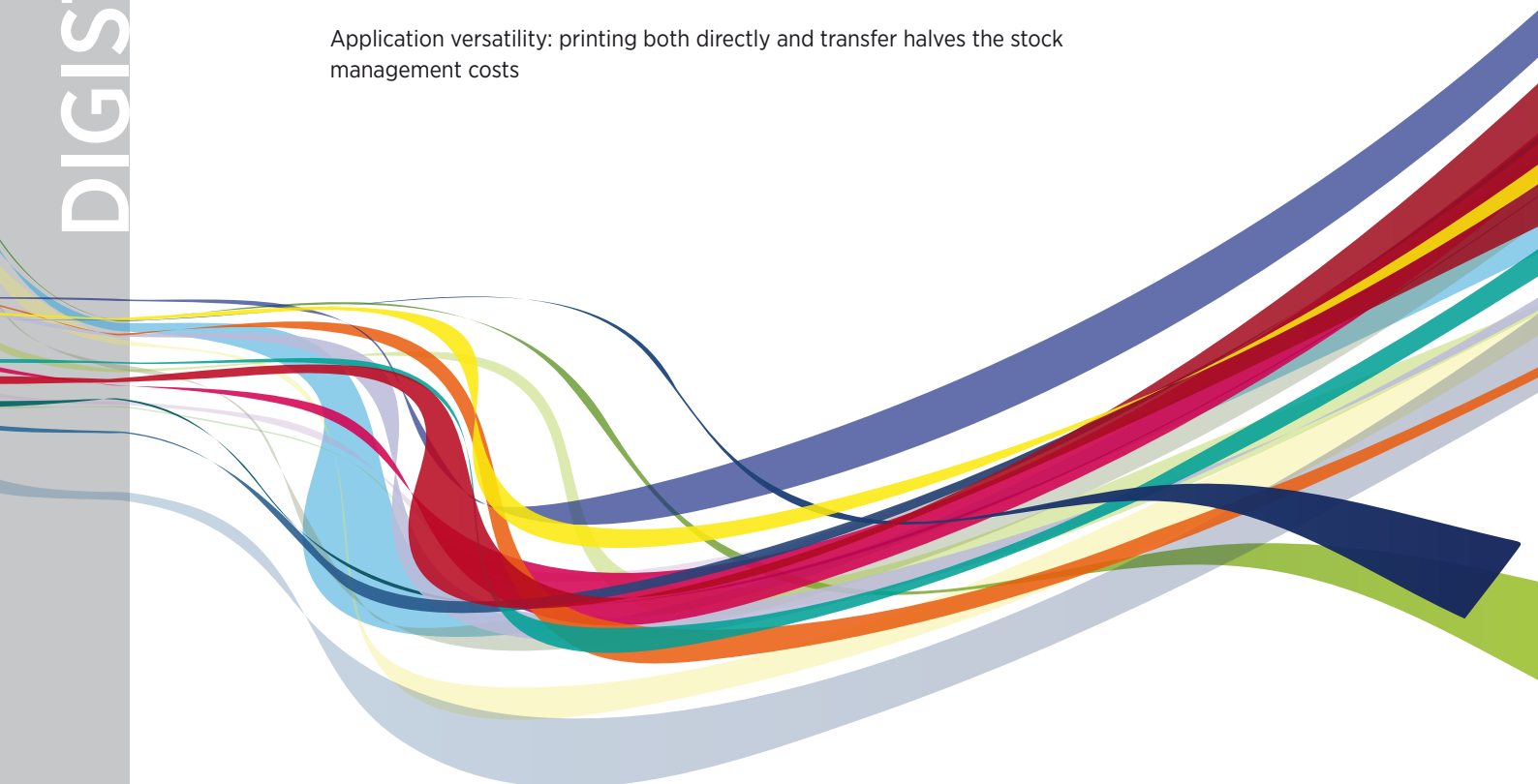
WHAT MORE

Cutting-edge: designed for last generation printheads (DX7)

Technological versatility: compatible with foregoing DX printheads

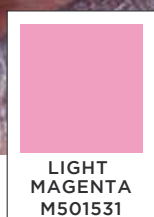
Application versatility: printing both directly and transfer halves the stock management costs

DIGISTAR E-GOLD

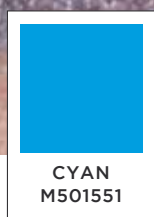




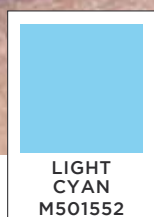
MAGENTA
M501530



LIGHT
MAGENTA
M501531



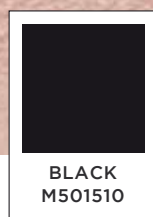
CYAN
M501551



LIGHT
CYAN
M501552



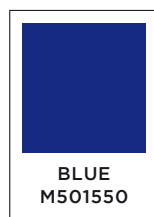
YELLOW
M501515



BLACK
M501510



ORANGE
M501533



BLUE
M501550

PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR E-GOLD

Sublimation Ink for transfer and direct printing, ideal for Sports & Soft Signage.

Wide Gamut; it operates at high-speed print mode by last generation printheads



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR HI-PRO

WHERE

Fashion
Sport productions
Interior decoration

WHY

Printing onto light and/or low coated papers
DX7 printheads and foregoing ones

FEATURES

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

Ideal for transferring onto synthetic fabrics (polyester)
Indicated for transferring onto blended fibres (min 80% PES)

DEVELOPED FOR PRINTING ONTO LIGHT and/or LOW COATED PAPERS

Ideal for sportswear and interior decoration

COMPATIBLE WITH DX7 PRINTHEADS

Compatible with the above-mentioned piezo printheads

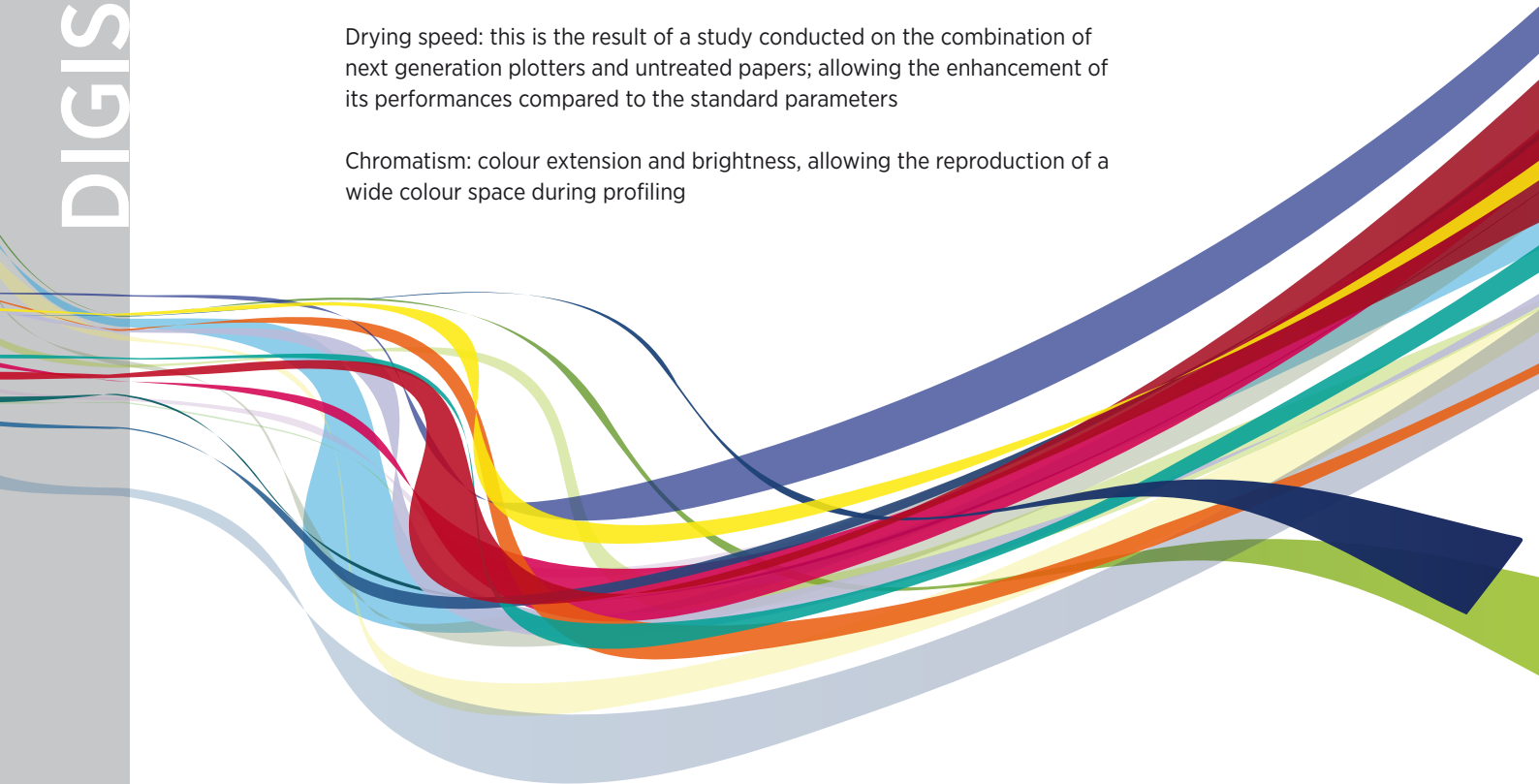
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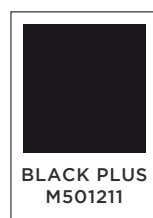
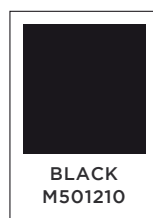
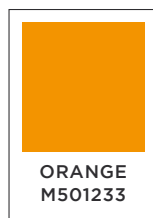
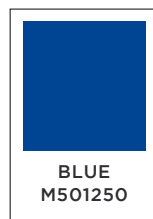
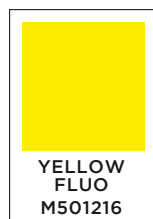
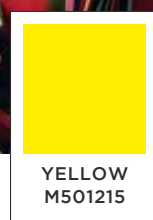
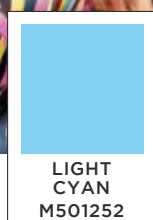
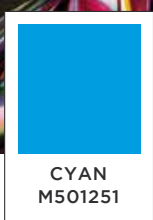
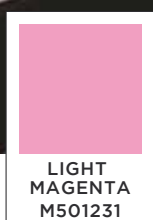
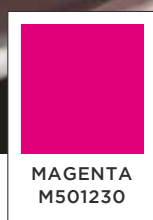
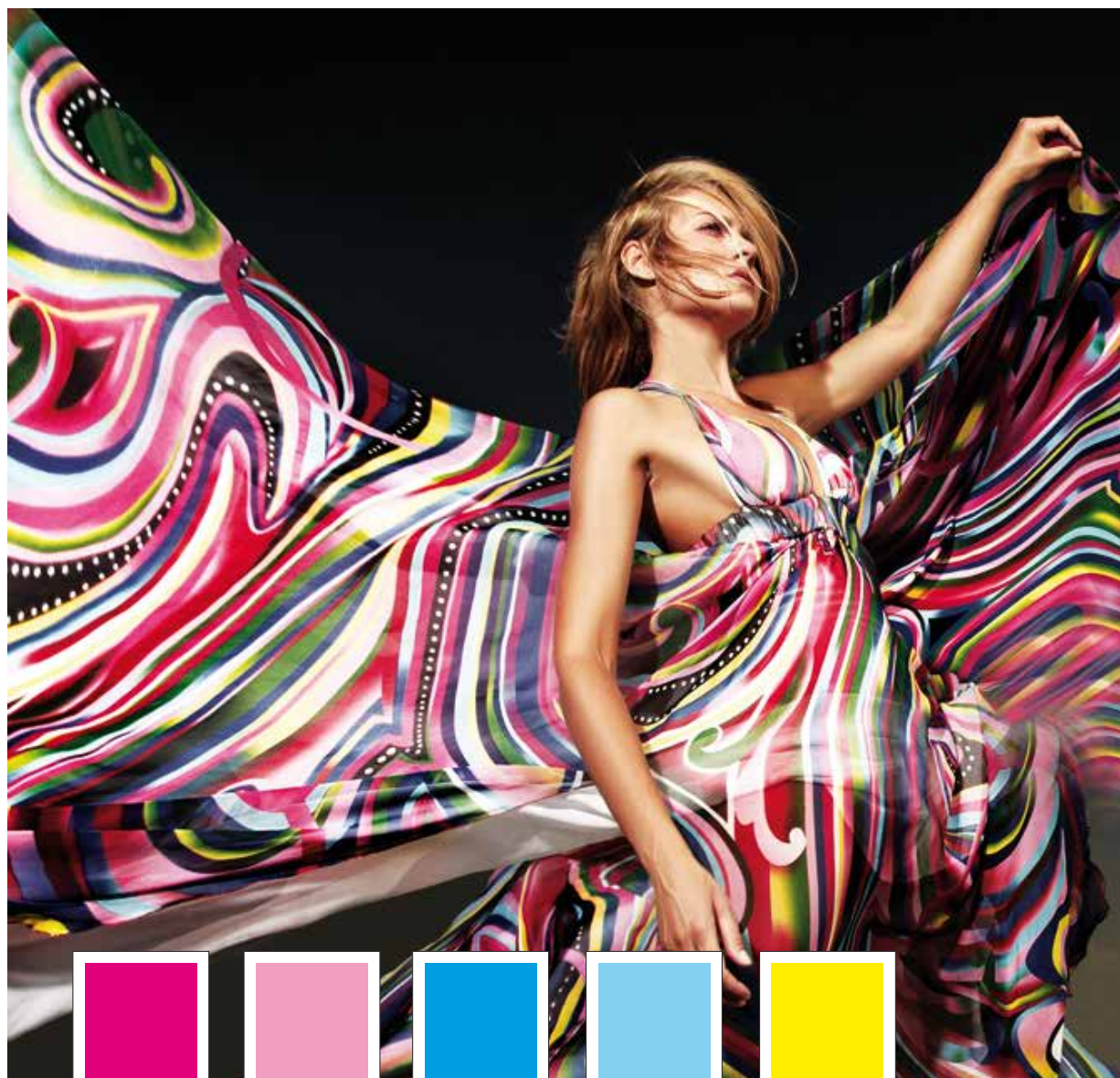
Industrial production: ideal on medium and large format machines, it fully exploits their productive capacities. Speed, reliability and reproducibility of the processes over time meet the criteria of industrial productions

Drying speed: this is the result of a study conducted on the combination of next generation plotters and untreated papers; allowing the enhancement of its performances compared to the standard parameters

Chromatism: colour extension and brightness, allowing the reproduction of a wide colour space during profiling

DIGISTAR HI-PRO





PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR HI-PRO

Sublimation Ink for transfer printing designed for Sports, Interior Decoration and Soft Signage. It operates at high-speed print mode and onto uncoated paper



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR GEN-R

WHERE

Sportswear
Promotional items
Flags and Banners
Interior decoration

WHY

OUT OF THE BOX

Compatible with RICOH piezo printheads

FEATURES

DIGITAL INK FOR SUBLIMATION TRANSFER PRINTING

Ideal for transfer printing onto synthetic fabrics (polyester)
Ideal for transfer printing onto blended fibers (minimum 80% polyester)

MULTIPURPOSE:

It is possible to print onto various substrates for the most different uses

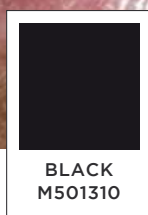
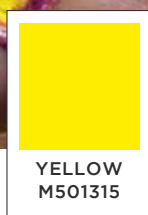
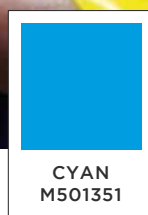
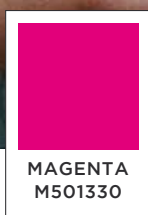
WHAT MORE

Drying quickness: excellent for long runs; it allows the processes standardization, reducing the operating costs

Good image quality: obtained thanks to the advantageous balance among color saturation, outlines definition and release (transfer) capacity

DIGISTAR GEN-R





PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR GEN-R

Studied for RICOH printheads.
Compatible with various substrates
for the most different uses



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR WR-500

WHERE

Fashion
Sportswear
Interior Decoration

WHY

Compatible with RICOH GEN5 piezo printheads

FEATURES

DIGITAL INK FOR SUBLIMATION TRANSFER PRINTING

Ideal for transfer printing onto synthetic fabrics (polyester)
Ideal for transfer printing onto blended fibers (minimum 80% polyester)

DEVELOPED FOR PRINTING ONTO LIGHT and/or LOW COATED PAPERS

Ideal for fashion, sportswear and interior decoration

COMPATIBLE WITH RICOH GEN5 PRINTHEADS

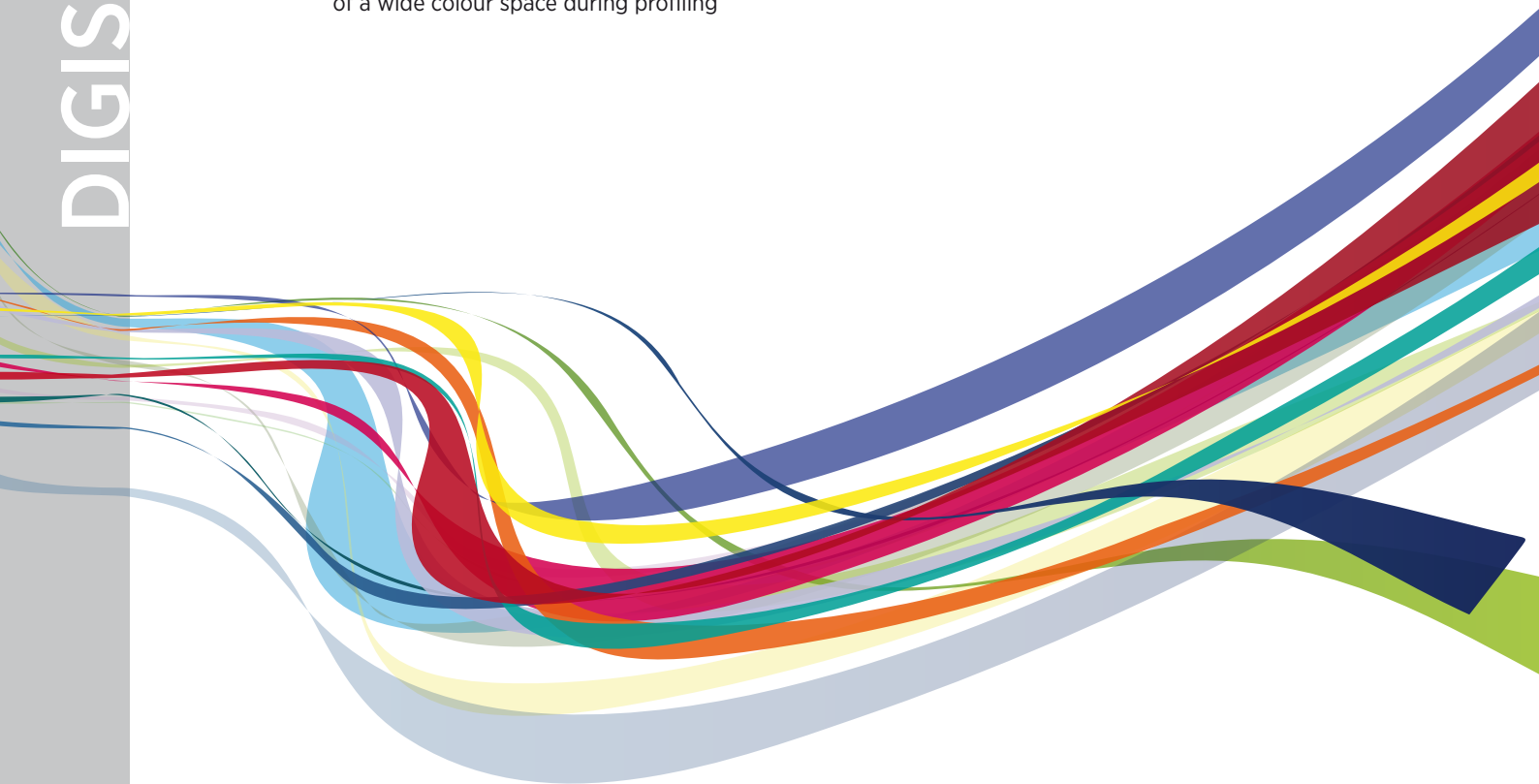
Compatible with the above-mentioned piezo printheads

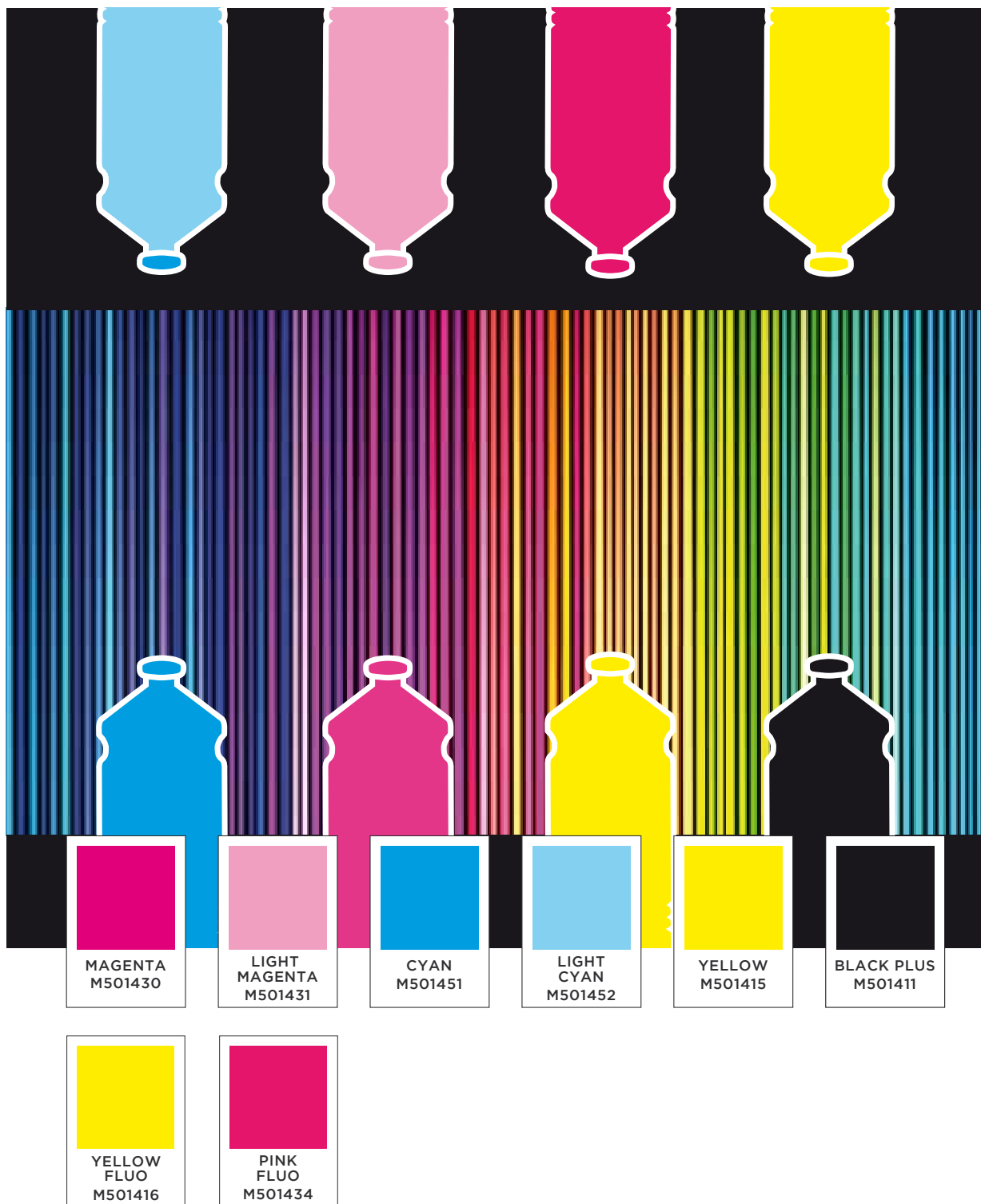
WHAT MORE

Drying quickness: excellent for long runs; it allows the processes standardization, reducing the operating costs

Chromatism: colour extension and brightness, allowing the reproduction of a wide colour space during profiling

DIGISTAR WR-500





PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR WR-500

Studied for RICOH GEN5 printheads.
Ideal for light and low coated papers.



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR AIR

WHERE

Sportswear
Interior Decoration

WHY

Ideal for light and low coated papers.

FEATURES

DIGITAL INK FOR SUBLIMATION TRANSFER PRINTING

Ideal for transfer printing onto synthetic fabrics (polyester)
Ideal for transfer printing onto blended fibers (minimum 80% polyester)

DEVELOPED FOR PRINTING ONTO LIGHT and/or LOW COATED PAPERS

Ideal for sportswear and interior decoration

COMPATIBLE WITH RICOH PRINTHEADS

Compatible with the above-mentioned piezo printheads

WHAT MORE

Drying quickness: excellent for long runs; it allows the processes standardization, reducing the operating costs

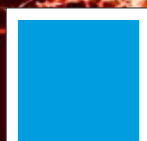
Chromatism: colour extension and brightness, allowing the reproduction of a wide colour space during profiling

DIGISTAR AIR

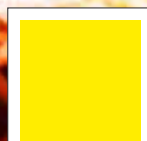




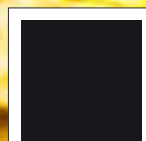
MAGENTA
M501930



CYAN
M501951



YELLOW
M501915



BLACK PLUS
M501911



YELLOW
FLUO
M501916



PINK
FLUO
M501934

PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR AIR

Studied for RICOH printheads.
Ideal for light and low coated papers.



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR TUNE

WHERE

Flag & Banner
Backlit Decoration
Large Format Advertising
Outdoor Decoration

WHY

Perfect balance between brightness and fastness

FEATURES

DISPERSED DYES BASED DIGITAL INK

Ideal for direct printing onto synthetic fibres (polyester)

EXCELLENT GENERAL FASTNESS

High light fastness of the prints
High duration of outdoor exposure
High rubbing fastness (if post-treated)

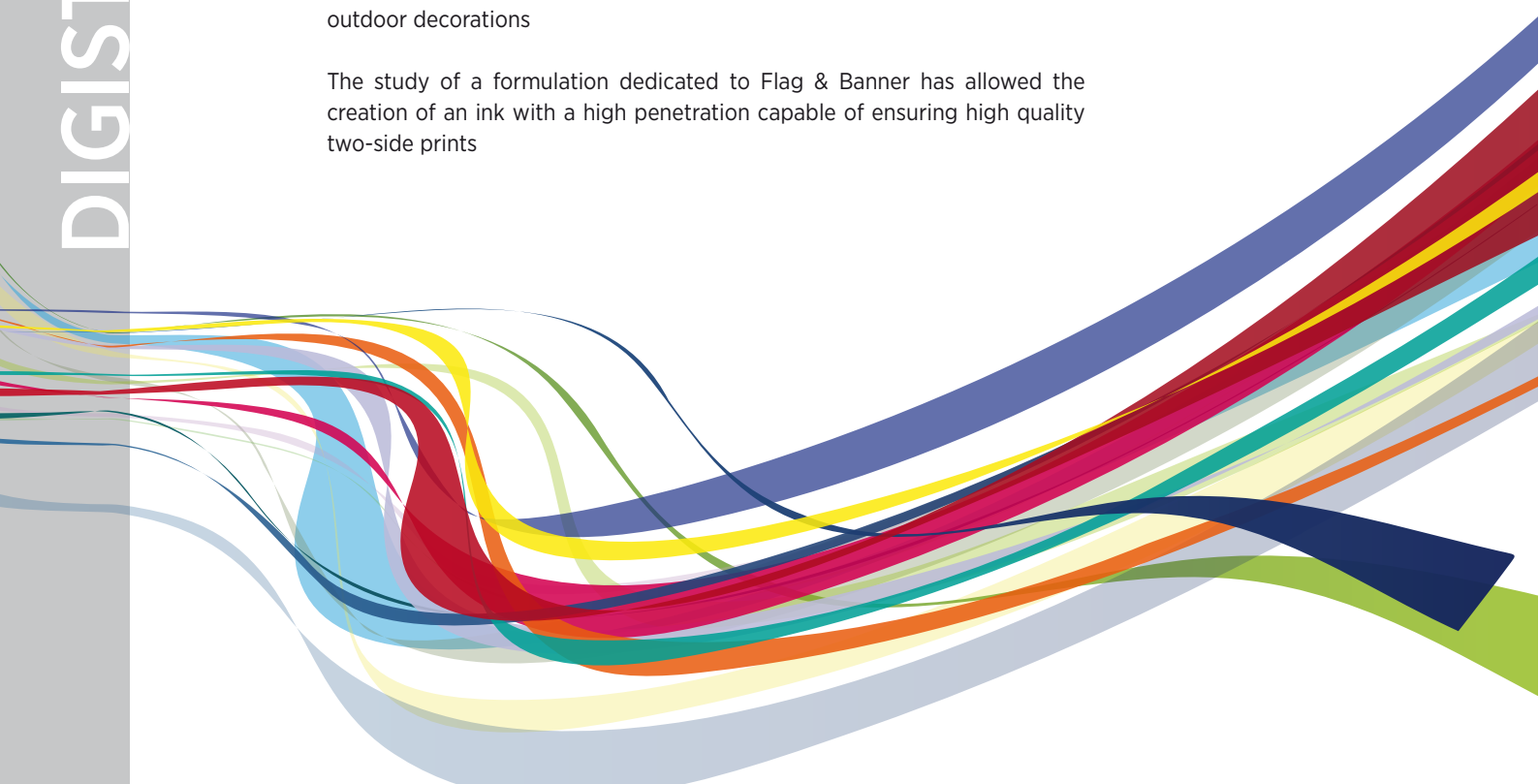
COMPATIBLE WITH RICOH PRINTHEADS

Compatible with the above-mentioned piezo printheads

WHAT MORE

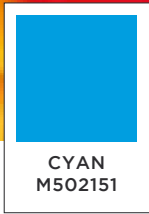
The perfect balance between the brightness of the colours and the general fastness makes it possible to create eye-catching and durable prints for outdoor decorations

The study of a formulation dedicated to Flag & Banner has allowed the creation of an ink with a high penetration capable of ensuring high quality two-side prints





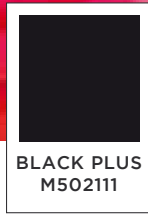
MAGENTA
M502130



CYAN
M502151



YELLOW
M502115



BLACK PLUS
M502111

PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR TUNE

Studied for RICOH printheads.
Ideal for direct printing onto synthetic fibres



PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR DISPLAY

WHERE

Direct printing onto PES
Transfer printing onto PES and blended fibres (min 80% PES)

WHY

Direct and transfer printing
DX7 print heads and foregoing ones

FEATURES

DIGITAL SUBLIMATION INK FOR DIRECT PRINTING

Indicated for direct printing onto synthetic fabrics (polyester)

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

Ideal for transferring onto synthetic fabrics (polyester)
Indicated for transferring onto blended fibres (min 80% PES)

COMPATIBLE WITH NEXT GENERATION PRINTHEADS

Compatible with DX7 piezo print heads (and preceding)

WHAT MORE

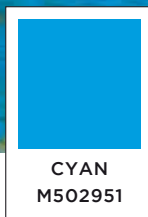
Excellent performance in direct printing
Technological versatility: compatible with foregoing DX print heads
Cutting-edge: designed for last generation print heads (DX7)
Application versatility: printing both directly and transfer halves the stock management costs

DIGISTAR DISPLAY





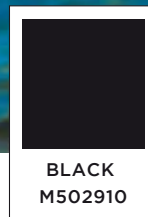
MAGENTA
M502930



CYAN
M502951



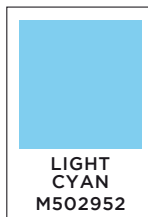
YELLOW
M502915



BLACK
M502910



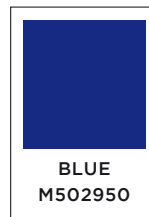
LIGHT
MAGENTA
M502931



LIGHT
CYAN
M502952



ORANGE
M502933



BLUE
M502950

PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR DISPLAY

New sublimation Ink for direct and transfer printing, compatible with all ESPON print heads. Excellent performance in direct printing



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR K-ONE

WHERE

Sportswear
Fashion
Promotional items
Interior decoration

WHY

High industrial productivity
OUT OF THE BOX: Compatible with KYOCERA printheads

FEATURES

DIGITAL INK FOR SUBLIMATION TRANSFER PRINTING

Ideal for transfer printing onto synthetic fabrics (polyester)
Ideal for transfer printing onto blended fibers (minimum 80% polyester)

MULTIPURPOSE:

It is possible to print onto various substrates for the most different uses

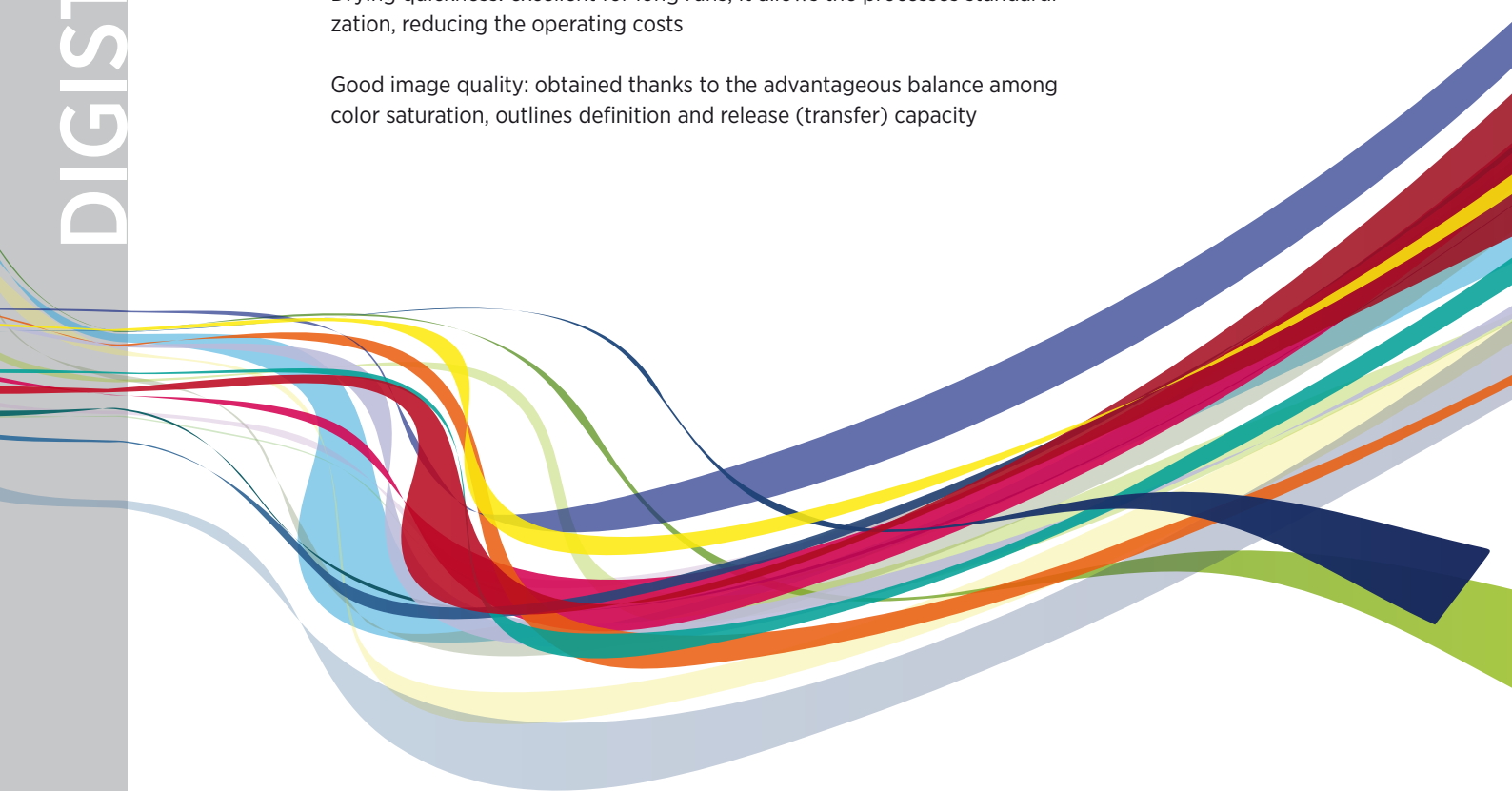
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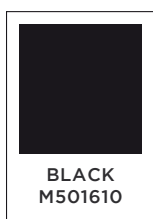
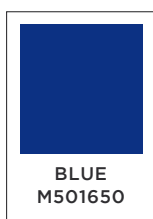
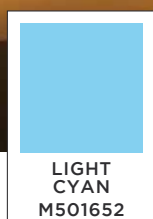
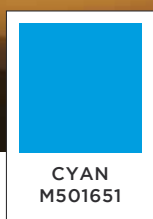
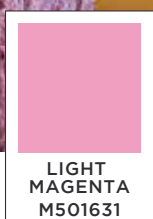
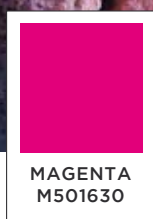
Industrial productivity: ideal on large-format printers, it fully exploits their productive capacities. Speed, reliability and long-term reproducibility of the processes meet the criteria of the industrial productions.

Drying quickness: excellent for long runs; it allows the processes standardization, reducing the operating costs

Good image quality: obtained thanks to the advantageous balance among color saturation, outlines definition and release (transfer) capacity

DIGISTAR K-ONE





PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR K-ONE

Studied for KYOCERA printheads.
Ideal on large-format printers,
it fully exploits their productive capacities



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR E-SUN

WHERE

Sportswear
Outdoor Decoration

WHY

For the light fastness which is higher than the standard: about 1/2 point more

FEATURES

DIGITAL INK FOR SUBLIMATION TRANSFER PRINTING

Ideal for transfer printing onto synthetic fabrics (polyester)
Ideal for transfer printing onto blended fibers (minimum 80% polyester)

HIGH LIGHT FASTNESS

Ideal for sportswear and outdoor decoration (high brightness and good light fastness)

COMPATIBLE WITH EPSON PRINTHEADS

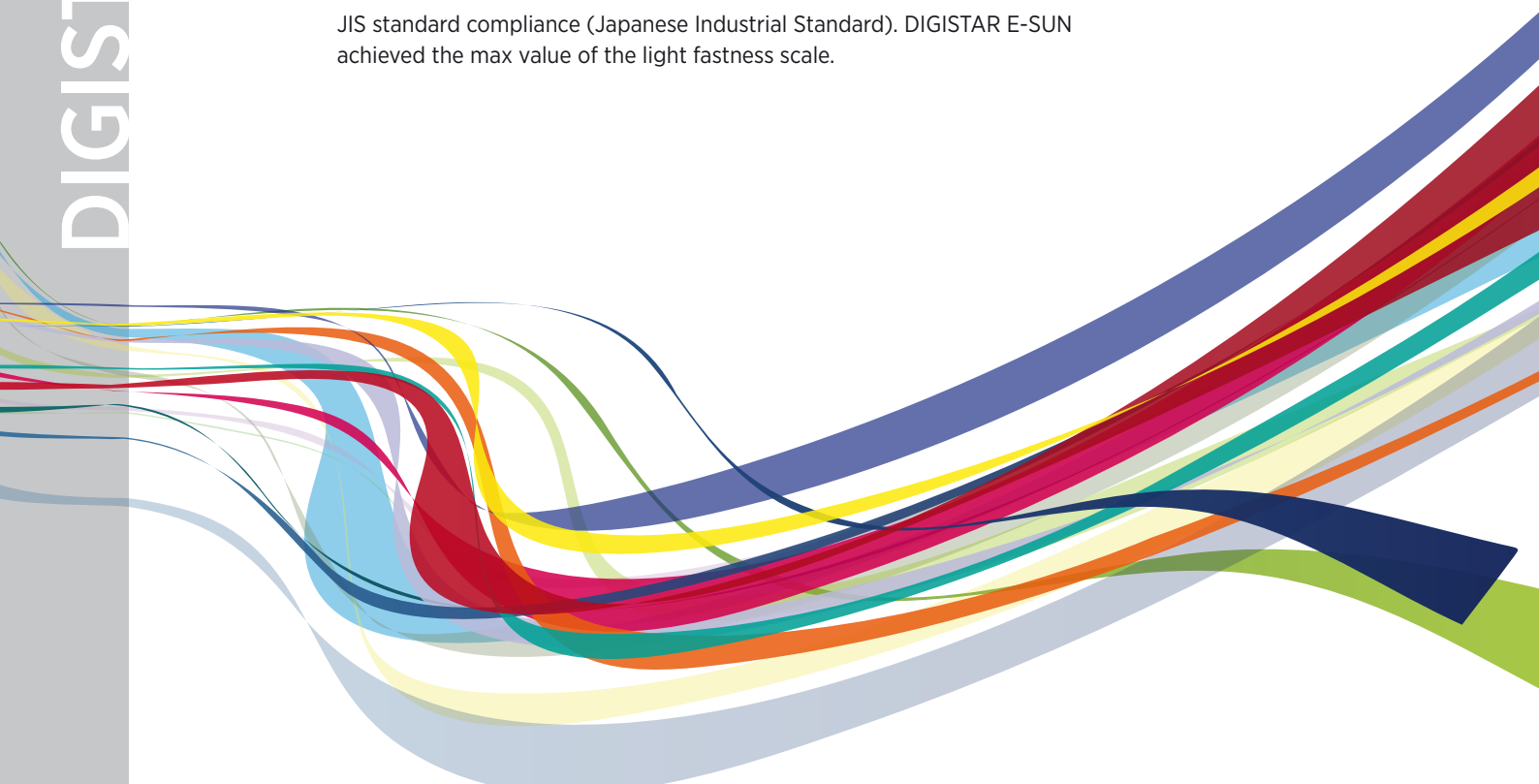
Compatible with the above-mentioned piezo printheads

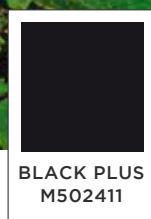
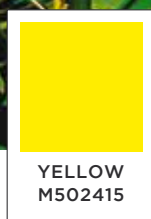
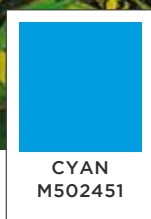
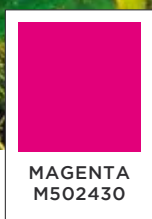
WHAT MORE

The shelf-life is higher than the one offered by the inks now available on the market: 12 months

JIS standard compliance (Japanese Industrial Standard). DIGISTAR E-SUN achieved the max value of the light fastness scale.

DIGISTAR E-SUN





PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR E-SUN

Studied for EPSON printheads.
High light fastness



PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR SUBLI-SONIC

WHERE

Sportswear
Promotional Items
Flags & Banners
Interior Decoration

WHY

For the excellent drying quickness of the printed paper and for the high chromatic performances.

FEATURES

DIGITAL INK FOR SUBLIMATION TRANSFER PRINTING

Ideal for transfer printing onto synthetic fabrics (polyester)

APPLICATION VERSATILITY

Ideal for sportswear, promotional items, curtaining, flags, banners, interior decoration

COMPATIBLE WITH PANASONIC PRINTHEADS

Compatible with the above-mentioned piezo printheads

WHAT MORE

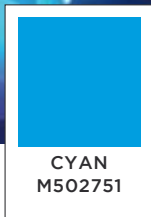
Multipurpose: It is possible to print onto various substrates for the most different applications.

DIGISTAR SUBLI-SONIC





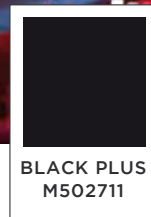
MAGENTA
M502730



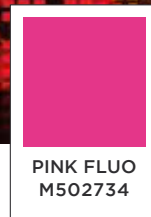
CYAN
M502751



YELLOW
M502715



BLACK PLUS
M502711



PINK FLUO
M502734



YELLOW FLUO
M502716

PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR SUBLI-SONIC

Studied for PANASONIC printheads.
Excellent drying quickness of the printed paper



PRODUCTS FOR SUBLIMATION PRINTING

DIGISTAR T-SONIC

WHERE

Sign & Display
Fashion
Sportswear
Flag & Banners
Interior Decoration

WHY

It has been tested and developed to provide the best compatibility with printing machines equipped by the last generation of Panasonic printheads.

FEATURES

DIGITAL SUBLIMATION INK FOR TRANSFER PRINTING

Ideal for transferring onto synthetic fabrics (polyester) and blended fibres (min 80% PES)

VERY VIVID AND BRIGHT COLORS

Allowing to achieve a wide color-space during profiling and to enlarge endlessly colors shades reproducibility

HIGH COLOR CONCENTRATION

Allowing to reproduce even smallest details offering high-quality prints results

HIGH PRINTABILITY

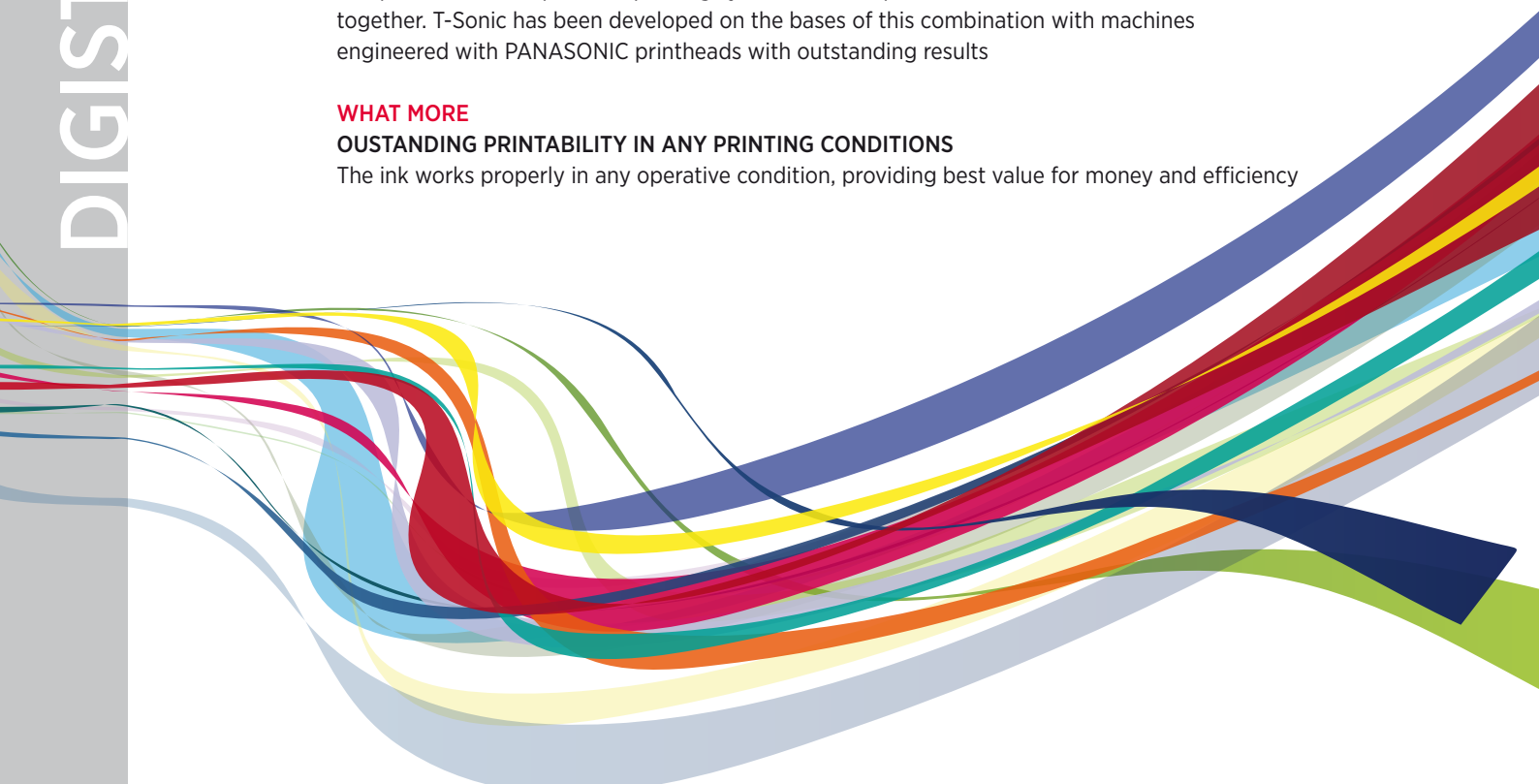
The printhead is the part of a printing system in which printheads, inks and machine works together. T-Sonic has been developed on the bases of this combination with machines engineered with PANASONIC printheads with outstanding results

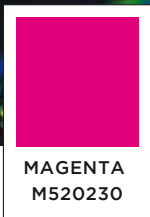
WHAT MORE

OUTSTANDING PRINTABILITY IN ANY PRINTING CONDITIONS

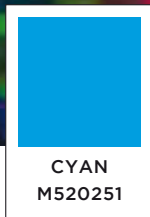
The ink works properly in any operative condition, providing best value for money and efficiency

DIGISTAR T-SONIC





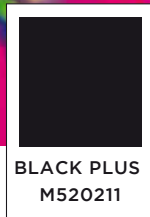
MAGENTA
M520230



CYAN
M520251



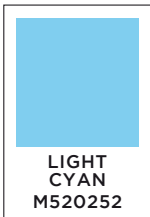
YELLOW
M520215



BLACK PLUS
M520211



LIGHT
MAGENTA
M520231



LIGHT
CYAN
M520252



PINK FLUO
M520234



YELLOW FLUO
M520216

PRODUCTS FOR SUBLIMATION PRINTING DIGISTAR T-SONIC

Studied for PANASONIC printheads.
High colour concentration, printable onto
various substrates for the most different uses



PRINTING WITH DISPERSED INKS

The application process for these inks involves the following steps:

1. INKJET PRINTING
2. DRYING
3. HOT FIXING
4. ULTIMATE WASHING

Regarding to the HOT FIXING phase there are two different methods you can use:

- THERMOSOL: by dry heat into a forced air oven
- CALENDER or FLAT PRESS

The ULTIMATE WASHING is usually carried out according to the following three passages:

- PRE-WASHING INTO COLD WATER
- STRIPPING
- RINSING INTO COLD WATER

Often, the above described operations (except for the final washing) are concentrated into one single step, thanks to the use of specific plotters, dedicated to the textile field, which are equipped with specific on-line fixing units.

NOTE:

To obtain particularly sharp images with a high definition of details, it is necessary to pre-treat the fabric.





PRINTING WITH DISPERSED INKS DIGISTAR DYS

WHERE

Pop-up, banners, flags, merchandising (which require high outdoor fastness)

WHY

High outdoor fastness

FEATURES

DISPERSED DYES BASED DIGITAL INK

Ideal for direct printing onto synthetic fabrics (polyester)

EXCELLENT GENERAL FASTNESS

High light fastness of the prints
High duration of outdoor exposure
High fastness to rubbing

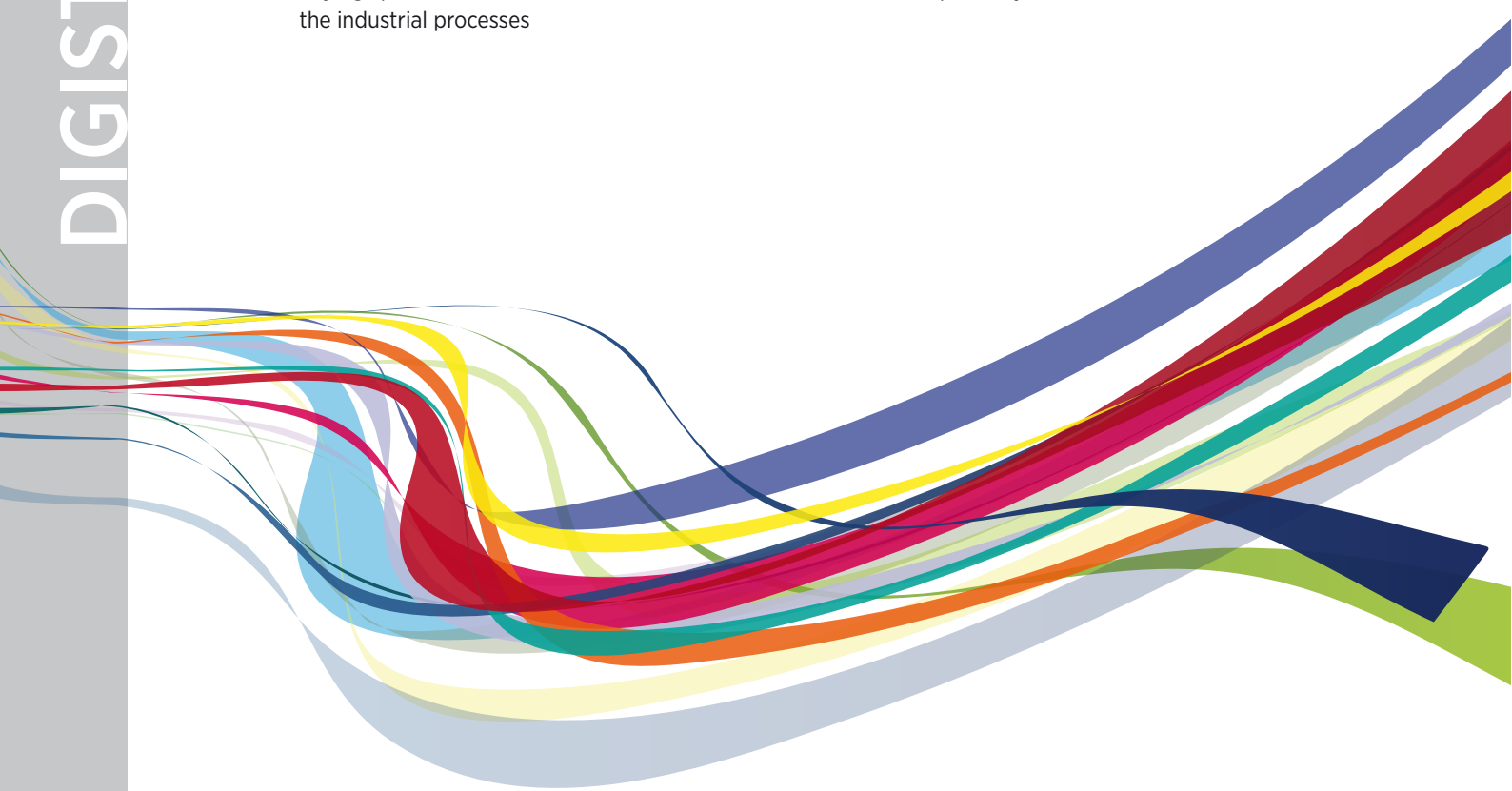
COMPATIBLE WITH DX3, DX4 and DX5 PRINTHEADS

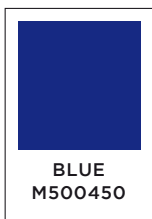
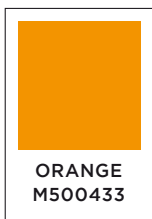
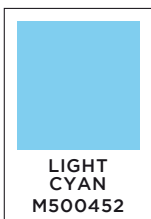
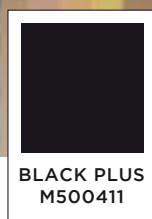
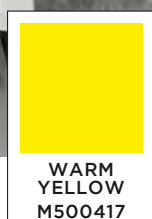
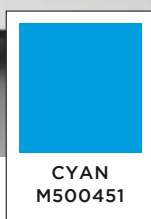
Compatible with the above-mentioned piezo printheads

WHAT MORE

High ink penetration: the high penetration into the fiber allows the ink to create much stronger chemical bonds and to give to the printing a strong double-face effect

Drying speed: this condition is essential to meet the deadlines required by the industrial processes





PRINTING WITH DISPERSED INKS DIGISTAR DYS

Water based disperse ink for direct printing onto polyester.
It is ideal for Interior Decoration and Contract.
High penetration and excellent general fastness



PRINTING WITH DISPERSED INKS DIGISTAR BRAVO

WHERE

Fashion (PES)
Interior Decoration
Flags

WHY

High light fastness and good duration of outdoor exposure

FEATURES

DISPERSED DYES BASED DIGITAL INK

Ideal for direct printing onto synthetic fabrics (polyester)

EXCELLENT GENERAL FASTNESS

High light fastness of the prints
High duration of outdoor exposure
High fastness to rubbing

COMPATIBLE WITH KYOCERA PRINT HEADS

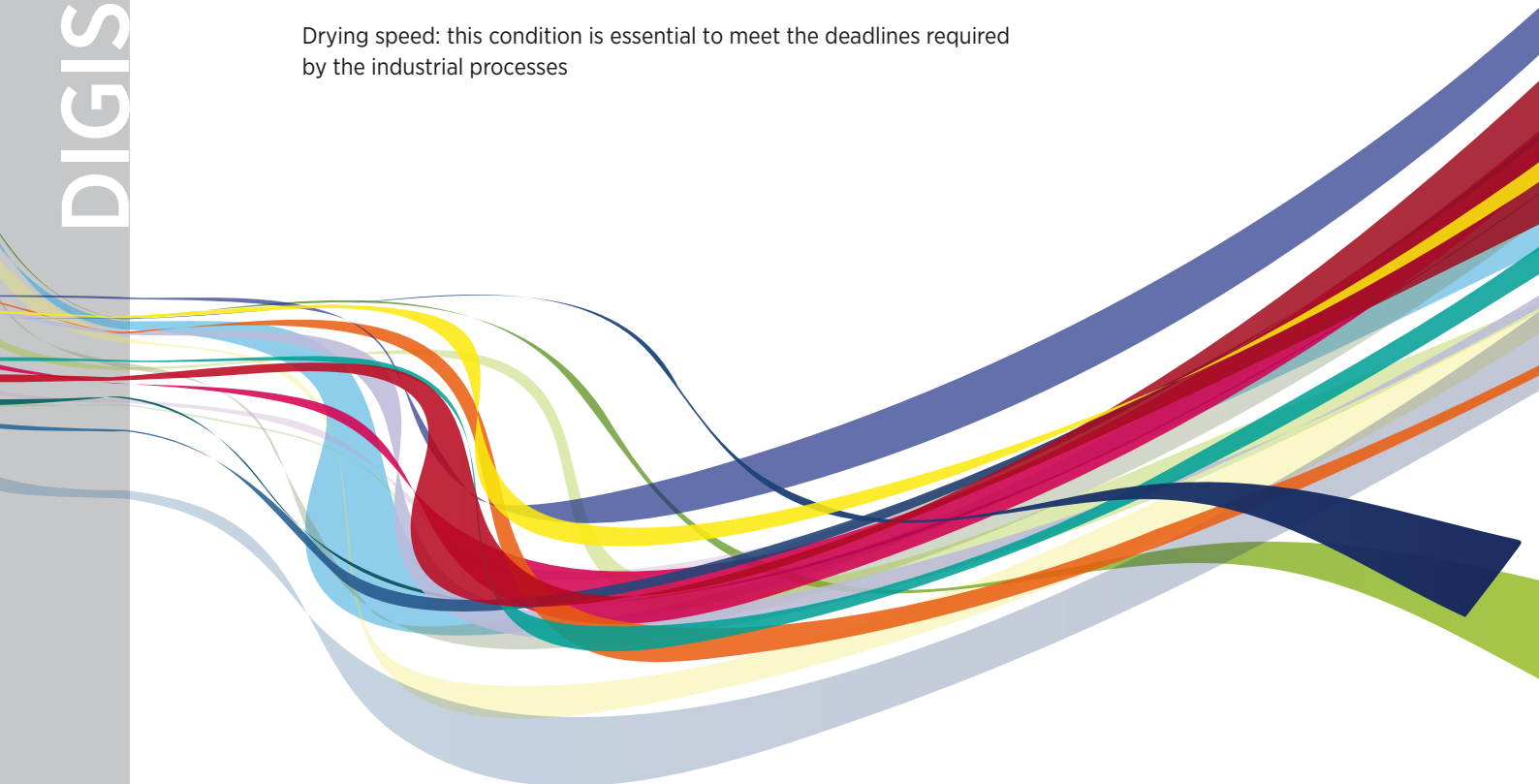
Compatible with the above-mentioned piezo print heads

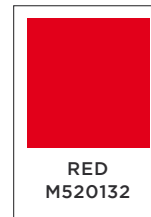
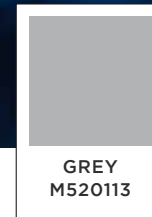
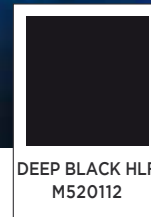
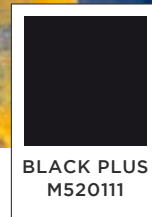
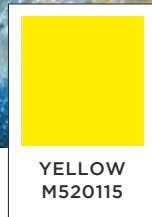
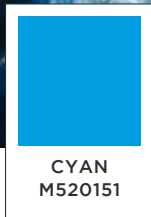
WHAT MORE

High ink penetration: the high penetration into the fiber allows the ink to create much stronger chemical bonds and to give to the printing a strong double-face effect

Drying speed: this condition is essential to meet the deadlines required by the industrial processes

DIGISTAR BRAVO





PRINTING WITH DISPERSED INKS DIGISTAR BRAVO

Water based disperse ink for direct printing onto polyester
Compatible with KYOCERA print heads
Extremely high light and rubbing fastness



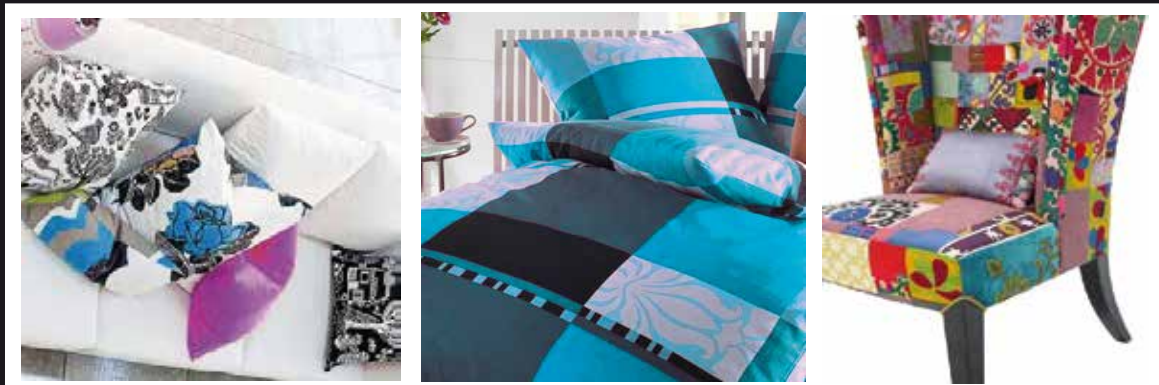
PRINTING WITH WATER-BASED PIGMENT

The technology of pigment inks with textile binder is based on the properties of the pigments to have excellent light fastness as well as the property of the textile binder to perfectly adhere to the fabric giving to pigments a good resistance to water and to home laundering at low temperatures.

Inks are applied through direct inkjet printing on fabrics.

Fabrics normally used do not require any pre-treatment, although the use of special auxiliaries applied before or after inkjet printing by padding, gives an even higher overall fastness of the prints and/or an increased brightness and saturation of colours.

Fabric printing occurs at room temperature, while heat setting is needed so that the binder may permanently block the pigments onto the fabric. Heat setting is important to obtain the best general fastness.





PRINTING WITH WATER-BASED PIGMENT DIGISTAR EASYTEX

WHERE

Printing of fashion accessories, home linens, promotional items, curtains, banners, flags, pop-ups

WHY

Excellent light fastness
Good resistance to washing

FEATURES

DIGITAL PIGMENT INK FOR TEXTILE PRINTING

Ideal for printing onto natural and synthetic fabrics (medium-large format)

EXCELLENT FASTNESS

Excellent light fastness of the prints
Good resistance to washing

COMPATIBLE WITH DX3, DX4, DX5 and DX6 PRINTHEADS

Compatible with the above-mentioned piezo printheads

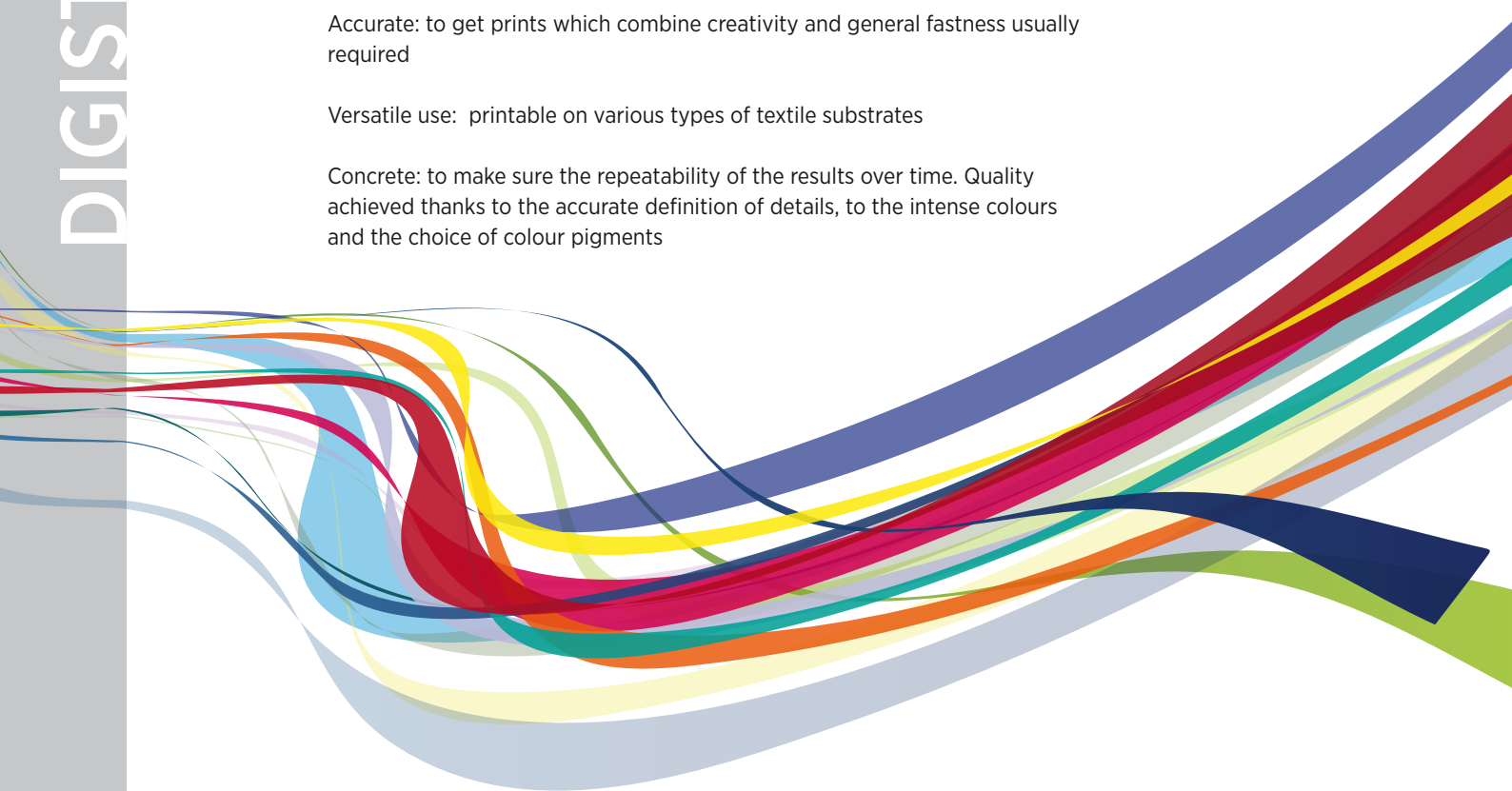
WHAT MORE

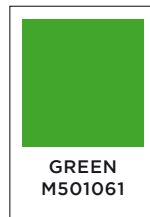
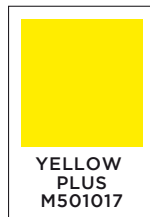
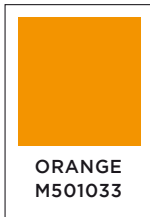
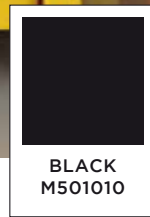
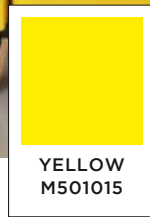
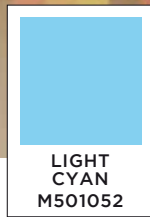
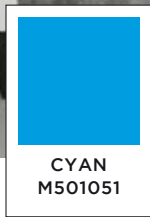
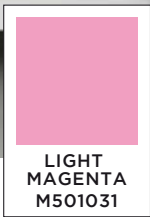
Reliable: to support the run of the textile industry.
Requirement achieved thanks to the quick-drying, high printability and ease of use: printing and fixing.

Accurate: to get prints which combine creativity and general fastness usually required

Versatile use: printable on various types of textile substrates

Concrete: to make sure the repeatability of the results over time. Quality achieved thanks to the accurate definition of details, to the intense colours and the choice of colour pigments





PRINTING WITH WATER-BASED PIGMENT DIGISTAR EASYTEX

Water based Pigment ink for textile printing.
It is Ideal for home and textile collection.
Good light and washing fastness.



PRINTING WITH WATER-BASED PIGMENT DIGISTAR TEX-R

WHERE

Printing of fashion accessories, home linens, promotional items, curtains, banners, flags, pop-ups

WHY

Compatible with RICOH piezo printheads

FEATURES

DIGITAL PIGMENT INK FOR TEXTILE PRINTING

Ideal for direct printing onto natural and synthetic fabrics (medium-large format)

EXCELLENT FASTNESS

Excellent light fastness of the prints
Good resistance to washing

COMPATIBLE WITH RICOH PRINTHEADS

Compatible with the above-mentioned piezo printheads

WHAT MORE

Reliable: to support the run of the textile industry. Requirement achieved thanks to the quick-drying, high printability and ease of use: printing and fixing.

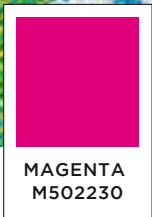
Accurate: to get prints which combine creativity and general fastness usually required

Versatile use: printable on various types of textile substrates

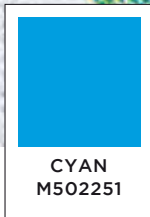
Concrete: to make sure the repeatability of the results over time. Quality achieved thanks to the accurate definition of details, to the intense colours and the choice of colour pigments

DIGISTAR TEX-R





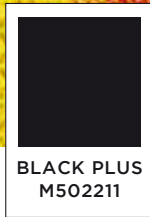
MAGENTA
M502230



CYAN
M502251



YELLOW
M502215



BLACK PLUS
M502211

PRINTING WITH WATER-BASED PIGMENT DIGISTAR TEX-R

Water based Pigment ink for direct textile printing.
Studied for RICOH printheads. Good light and washing fastness.



PRINTING WITH WATER-BASED PIGMENT DIGISTAR K-CHOICE

WHERE

Printing of fashion accessories,
home linens,
promotional items and curtains

WHY

Compatible with KYOCERA piezo printheads

FEATURES

DIGITAL PIGMENT INK FOR TEXTILE PRINTING

Ideal for direct printing onto natural and synthetic fabrics

EXCELLENT FASTNESS

Excellent light fastness of the prints
Good resistance to washing

COMPATIBLE WITH KYOCERA PRINTHEADS

Compatible with the above-mentioned piezo printheads

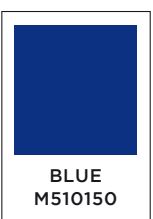
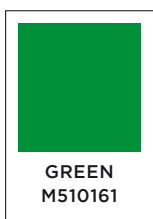
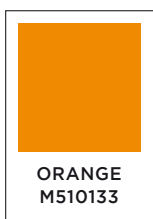
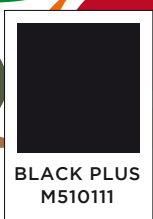
WHAT MORE

Reliable: to support the run of the textile industry. Requirement achieved thanks to the quick-drying and the high printability, facilitating the high productivity.

Wide colour gamut; thanks to the spot colours, which enable a faithful reproduction of the fashion colour palette. The colours have been formulated by using pigments with the best tones for textile printing.

Compliance with the textile home collection quality standards thanks to the excellent light fastness and the good washing fastness.





PRINTING WITH WATER-BASED PIGMENT DIGISTAR K-CHOICE

Water based Pigment ink for direct textile printing.
Studied for KYOCERA printheads.
Good light and washing fastness.



GRAPHIC PRINTING





PRINTING WITH WATER-BASED PIGMENT INKS

The printing of this products takes place directly onto paper, cellulose substrates in general and various graphic films, for the realization of promotional items, playbills and posters.

The application of the inks takes place through digital direct printing onto the substrates.

Drying may take place at room temperature or through forced air.

In some cases or onto some substrates, thermo-fixing is recommended, in order to increase the mechanical resistances.

This product, due to the nature of its binders, is compatible with some rolling processes.





PRODUCTS FOR GRAPHIC PRINTING DIGISTAR BILLBOARD

WHERE

Paper, cellulose substrates in general and various graphic films

WHY

Free from risk labelling
APEO-free

FEATURES

EXCELLENT FASTNESS

Excellent light fastness

MATT FINISHING

Ideal for the art prints field

COMPATIBLE WITH DX3, DX4, DX5 and DX6 PRINTHEADS

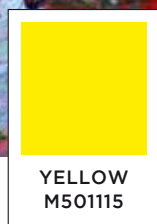
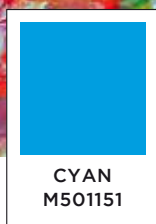
Compatible with the above-mentioned piezo printheads

WHAT MORE

Free from risk labelling: a feature that makes the difference because it allows:
a significant reduction of waste disposal costs
a tangible reduction of transport costs

The chromatism: colour extension and brightness, allowing the reproduction
of a wide colour space during profiling





PRODUCTS FOR GRAPHIC PRINTING DIGISTAR BILLBOARD

Digital pigment ink for direct printing onto paper and cellulose substrates in general, ideal for the production of promotional items and fine art



COMPLEMENTARY ACCESSORIES





PAPER FOR SUBLIMATION PRINTING

DIG. PAPER is a paper appropriately studied for digital printing with sublimatic products, after an appropriate treatment, in order to assure the best results in colour and edge definition.

STANDARD PAPERS

They are divided by weight from 45 to 130 g/m²

45-70 g: light and with a lower ink absorption capacity, it is ideal for high productivity industrial printers. Suitable for all types of applications, it has the necessary transparency for the ideal positioning on the substrate and, in calender, it prevents the formation of creases.

80-130 g: it is indicated both for traditional and latest generation plotters which deposit a substantial amount of ink. Designed for sectors requiring a high color saturation.

TACK PAPERS

They are divided by weight from 80 to 110 g/m²

Designed to eliminate "GHOSTING" [image decoupling during transfer]; one of the most critical aspects of this production phase. Its particular structure and finish allow a perfect adhesion to the substrate to sublimate and also an easy detachment after the transfer. Recommended for applications on technical fabric for sportswear.





THE FEEDER

The FEEDER is a printing accessory, studied for the correct inkjet plotter feeding with the products of the DIGISTAR series.

ADVANTAGES:

Easy change of the bottles. Carried out without interruption of the printing process, giving the maximum efficiency in the process management.

Perfect feeding of the printheads. The power system is designed to ensure a continuous feeding with constant flow in the printheads, eliminating the issues related to these phenomena: banding, miss firing, dropping.

High compatibility. Kiian feeding system is versatile, so it can be used onto different kinds of plotter without any change





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