EPSON

UNLEASH YOUR IMAGINATION WITH QUALITY PRINTS.

PROPEL YOUR BUSINESS WITH SEAMLESS TEXTILE PRINTING.

Epson digital textile printers give you control and let you manufacture at scale with incredibly high precision, increased reliability and custom designs, limited only by your imagination. With a comprehensive range of textile printers to accomplish all of your textile printing needs, printing custom textile designs across a wide variety of applications becomes effortless.

OEKO-TEX® ECO PASSPORT

bluesign® APPROVED

WHY DIGITAL PRINTING?

As the world changes and evolves, so must we. Over the years, digitalisation has shaped our lives and this is made prominent especially in the textile printing industry. As the demand for customised prints increases, the shift towards a short-run print job becomes more apparent. This makes it challenging for analogue printers to meet the changing and growing needs of consumers.

DISADVANTAGES OF ANALOGUE PRINTING

→ Potential for human error particularly in the screen preparation stage is greater.

→ Design needs to be simple as analogue printing cannot achieve gradation.

→ Manpower-intensive with close monitoring of steps for quality prints.

→ Poor cost-effectiveness of small orders, resulting in the limitation of the number of print jobs taken.

→ Quality and consistency are not guaranteed.

→ Shorter cycles of fashion trends and the increase of small businesses globally, result in the phasing out of analogue printing.

→ Many small to medium print jobs that were once given to offset presses has made digital printing the de-facto choice.

Disclaimer: Fluorescent printing is only applicable to SC-F531, SC-F6430H, SC- F9430H, SC-F10030H.

ADVANTAGES OF DIRECT-TO-GARMENT (DTG) AND DYE SUBLIMATION PRINTING

The shift from analogue to digital has become highly apparent. In order to progress and advance, embracing digitalisation is key. There are many benefits of using digital printers for your textiles compared to analogue printing. From enabling small-batch printing, maximising detail in design, and even to driving sustainability, Epson's digital textile printers empower efficiency, effectiveness and eco-friendliness for your business in today's fast-paced society.

DIGITAL PRINTING WORKFLOW

Digital printing processes are made convenient and seamless in comparison to traditional silk screen printing. Be it direct-to-garment or dye sublimation printing, experience greater efficiency with minimal effort in all your textile printing projects.

DIRECT-TO-GARMENT PRINTING

Where traditional printing requires extra procedures including the need for creation of screens per colour, digital direct-to-garment printing eliminates this for increased productivity.
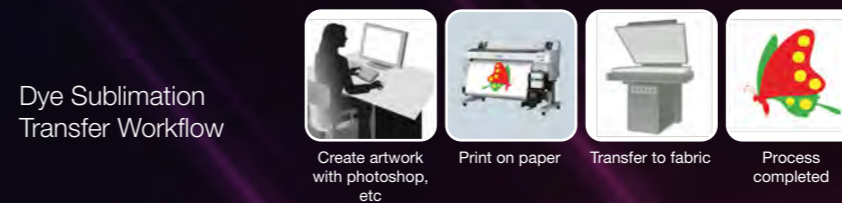
Printing on White Fabric

Create a design | Remove lints and smoothen surface | Directly print | Dry ink | Process completed

Printing on Black Fabric

Create a design | Pre-treatment | Dry liquid | Directly print | Dry ink | Process completed

Traditional Silk Screen Printing Process

Create a design | Create films | Create screens for each colour | Printing each colour | Dry ink | Process completed | Store

Extensive colour options

Maximum detail in design

Suitable for small to large batch printing

Minimal upfront investment

Easily customised designs

DYE SUBLIMATION PRINTING

With dye sublimation printing, the additional hassles of traditional screen and ink preparation is eliminated. Dye sublimation printing can be completed in just four simple steps.

Dye Sublimation Transfer Workflow

Create artwork with photoshop, etc | Print on paper | Transfer to fabric | Process completed

Traditional Silk Screen Printing Process

Separate colours are created in layers in Photoshop, etc | Prepare positive film for each colour | Coat screen with emulsion and leave it to dry | Expose screen to UV light | Wash screen with water | Dry screen | Mix colour (ink) | Place ink onto screen and draw with a squeegee to print | Cure ink to dry | Process completed

Prints seam-to-seam

Extensive colour options

Maximum detail in design

Suitable for small to large batch printing

PRINTING TECHNOLOGY

PRECISIONCORE
PRINTHEAD

Take textile printing to new heights as Epson delivers state-of-the-art printing technology with PrecisionCore printhead and amazing quality inks.

PRINTHEAD

Epson's range of textile printers is powered by our revolutionary PrecisionCore printhead technology that enables fast and reliable printing.

PERMANENT HEAD

Epson's permanent Micro Piezo printhead utilises electronic cool crystal technology to propel each perfectly formed ink droplet onto the page with absolute precision.

HIGH COMPATIBILITY WITH VARIOUS INK TYPES

Micro Piezo technology involves no heat and can use different types of genuine ink as it remains unaffected by thermal stress.

VARIABLE INK DROPLET SIZES

Meniscus control technology allows Micro Piezo printheads to eject up to five precise and consistent ink droplet sizes. On the other hand, thermal printheads are limited to one or two droplet sizes.

Ultimately, efficient, precise and repeatable performance for excellent image quality is made possible. Low vibration meniscus enables highly accurate dot shape and placement. The printhead also integrates ink repelling coating technology for reduced nozzle clogging. This is optimised specifically for the latest inks, improving printhead life.

EPSON

DYE SUBLIMATION PRINTHEAD

Experience swift and reliable short-run, dye sublimation printing with our state-of-the-art printhead technology.

HIGH-SPEED PRINTING

With true 720 nozzles per inch dedicated to each colour ink, outstanding print quality at fast print speeds is made possible.

EXTREME PRINT QUALITY

Whether it is printing across apparels or personalised goods, our dye sublimation printers contain print resolutions of up to 1,440 dpi x 720 dpi 8-pass for amazing image quality.

STURDY AND RELIABLE

By pairing our PrecisionCore print chip with co-developed Epson UltraChrome DS ink technology, class-grade reliability is achieved. Low machine maintenance and minimal downtime allows you to maximise savings with a printer designed specifically for the purpose of dye sublimation printing.

DIRECT-TO-GARMENT PRINTHEAD

Designed for the purpose of direct-to-garment printing, the printhead ensures optimal print quality and fast print speeds.

HIGH-PRECISION MEMS MANUFACTURING PROCESS

By merging MEMS processes with its advanced piezo material science, Epson has been able to create microscopic, high-performance actuators and form high-accuracy ink channels. The outcome is an unparalleled level of manufacturing efficiency for consistent production quality.

UNRIVALLED PRINT QUALITY

From watercolour effects and photographic images, to fine lines and details, the possibilities are endless. Our direct-to-garment printers contain print resolutions of up to 1400 dpi x 720 dpi for colour and up to 1400 dpi x 1400 dpi for white inks. Now, you have the creative reign to print anything imaginable and on-demand.

FAST PRINT SPEEDS

Epson's direct-to-garment printers have up to 720 nozzles per inch dedicated to colour inks and 1400 nozzles per inch dedicated to white inks. With more nozzles on our printhead, you get to enjoy both incredible print speeds and phenomenal output.

INK TECHNOLOGY

Epson inks have been developed to work flawlessly with Epson printers to deliver crisp, smudge-proof text and vibrant photographic images that will last for generations.

EPSON ULTRACHROME DG INK

Epson UltraChrome DG inks produce clean, bright images with superior washability on dark and light garments.

HIGH-PERFORMANCE GARMENT INK

UltraChrome DG ink uses new pigment ink technology designed for cellulose-based garment imaging that ensures compatibility with 100% cotton or cotton blend. It is developed together with printhead technology to improve overall reliability.

OUTSTANDING COLOUR PERFORMANCE

Print images and patterns with clean, vibrant and accurate colours that will captivate any audience.

NEXT GENERATION WHITE INK TECHNOLOGY

Developed using new, high-dispersion white ink technology, UltraChrome DG inks reduce sedimentation and clogging to deliver high-density, natural white colour on fabric.

ROBUST GARMENT DURABILITY

Garment durability is tested independently based on the industry standard AATCC testing method.

EPSON ULTRACHROME DS INK

Epson's UltraChrome DS ink has been optimised with the Micro Piezo printhead for dye sublimation printing.

RELIABLE PERFORMANCE

Developed specifically for Epson's PrecisionCore TFP printhead, the overall printhead life is significantly increased, paving the way for reliable performance.

SUPERIOR IMAGE QUALITY

Produce class-leading image quality where image definition and text sharpness are enhanced.

NEWLY FORMULATED HIGH DENSITY BLACK INK

Ensures rich, dark colours and solid blacks to achieve dramatic colour intensity and high colour contrast, all while consuming less ink.

OEKO-TEX ECO PASSPORT CERTIFIED

The OEKO-TEX® ECO PASSPORT is an independent certification system for chemicals, colourants and auxiliaries used in the textile industry.

The inks used in Epson textile printers have been tested for harmful substances in critical concentrations as listed in the ECO PASSPORT standard, and is found to have met the statutory requirements and that it is not harmful to human health.
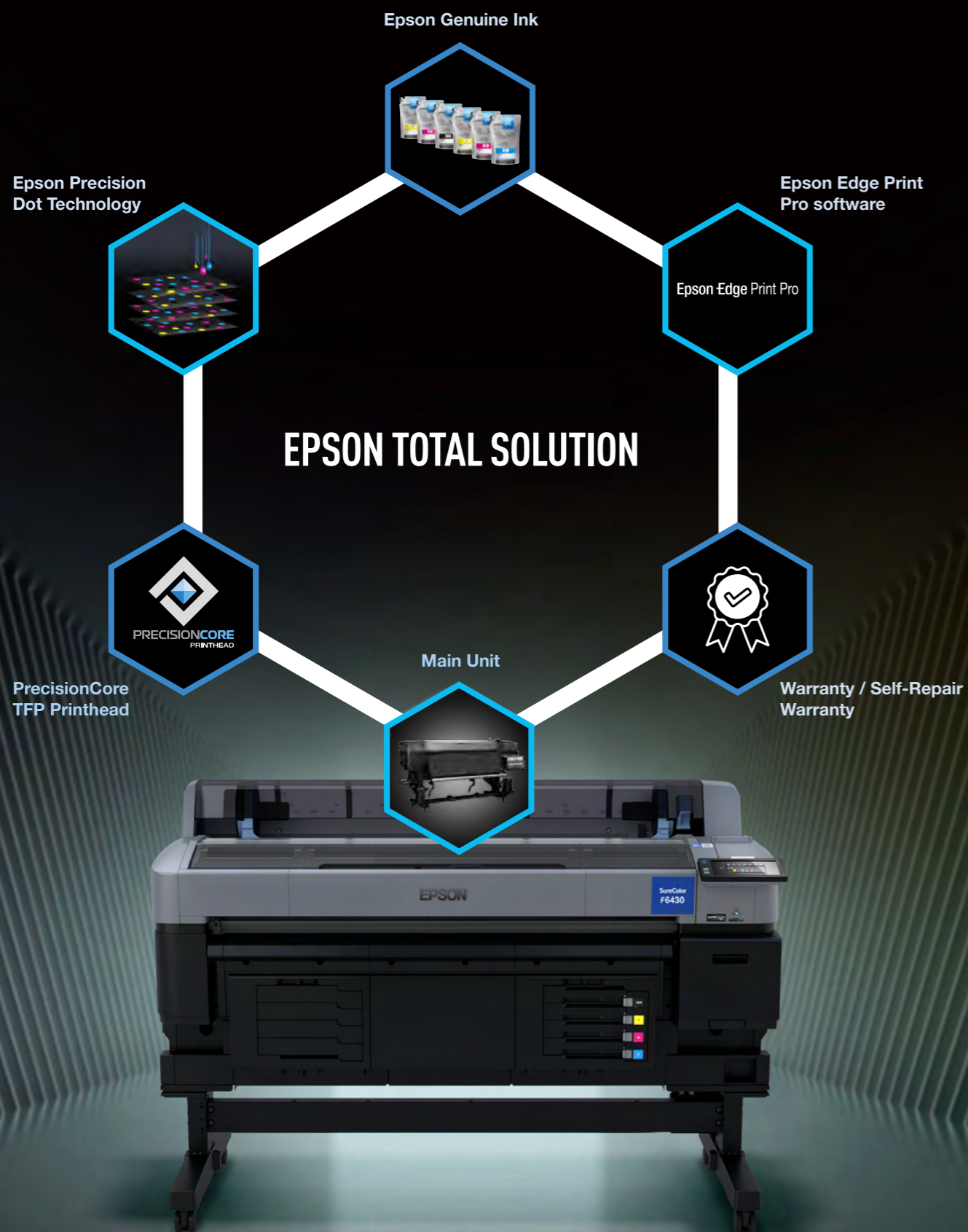
BLUESIGN CERTIFIED

In the fashion industry, sustainability and elimination of toxic substances are important trends. With Bluesign certification, ink and chemical manufacturers are able to minimise risks for their clients, environment, and company while optimising profitability and saving costs.

Epson inks are certified to be environmentally-friendly by bluesign. Customers can find the Epson inks that are certified under Bluesign on https://finder.bluesign.com/index.html.

Disclaimer: The OEKO-TEX® ECO PASSPORT and Bluesign certification are applicable for selected inks only.

At Epson, we understand the importance of delivering a complete value chain for our customers. This is why we have Epson Total Solution, an all-inclusive, turnkey, integrated system that helps operators seize digital textile market opportunities.

By fully manufacturing all hardware and software components in-house, we enable the best printing results with seamless delivery of a total, end-to-end colour printing solution that will take your business to the forefront.

Epson Genuine Ink

Epson Precision Dot Technology

Epson Edge Print Pro software

Epson Edge Print Pro

EPSON TOTAL SOLUTION

PrecisionCore TFP Printhead

PRECISIONCORE PRINTHEAD

Main Unit

Warranty / Self-Repair Warranty

EPSON
SureColor F6430

INTUITIVE GARMENT CREATOR SOFTWARE

With Epson's intuitive Garment Creator software, it is easy for users to use and navigate through the interface to design, edit and customise designs for production. The software allows users to save their predefined colour management and layout controls to deliver great results consistently
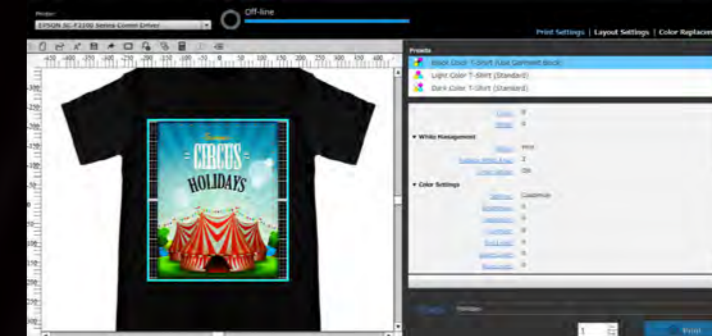
EPSON EDGE PRINT PRINT PRO (RIP) SOFTWARE

Epson's textile printers are compatible with RIP software and eliminate the hassle of data spooling from PC. Intuitive and convenient, printing can be done immediately after hardware and RIP installation. It is easy for beginners, reducing misprinting and time to save the total cost of ownership.

RIP software also supports Epson image processing technologies including Multi Layer Halftone,** LUT and Micro Weave. Harmonising these technologies to achieve unprecedented image quality with reduced graininess and smooth graduation, it also allows:

- High performance with Adobe PS core engine to process Post Script data [CPSI][1] EMX[2] file with the connection of Epson Control Dashboard
- The management of four printers at once
- Multiple formats including PS/EPS/PDF/TIFF/JPEG/PNG/CALS-G4
- Online activation with software licence (not dongle operation)
- Continuation and improvement with added functions and supported models

[1] Configurable PostScript Interpreter
[2] Epson Media Extension
** Applicable for the SC-F10030 only.

EPSON CLOUD SOLUTION PORT

Epson Cloud Solution PORT is a cloud-based solution for Epson large format printers' end users. The software provides users with the status of connected printers and alerts for troubleshooting if required.

Additionally, Production Monitor function allows users to visualise printer operational status easily from their PC or smart devices, improving productivity and efficiency. This solution also promotes remote monitoring, enabling accurate failure diagnosis and prompt responses to inquiries.

Epson Cloud Solution
P O R T

DTG PRINTERS SERIES

Catering for businesses with high-volume T-Shirt print jobs, amaze your customers with astonishing colours and productivity with precise quality print, allowing a greater quantity output in a shorter amount of time.

SURECOLOR SC-F2230
DIRECT-TO-GARMENT (DTG)
TEXTILE PRINTER

Printhead
PrecisionCore Micro TFP® Printhead

Nozzle Configuration
Colour:
400 nozzles x 4 channels x 1 head
White:
400 nozzles x 4 channels x 1 head

Maximum Resolution
1200 x 1200 dpi

Maximum Print Speed
Colour: 43 sec (2 pass)
White + Colour: 142 sec (4 pass)

Ink Sets
Epson UltraChrome DG Ink
Epson UltraChrome DG2 Ink

Ink Capacity
800 ml

Ink Case
Ink Supply Unit

Colours
Cyan, Magenta,Yellow, Black, White

C M Y K W

SURECOLOR SC-F3030
INDUSTRIAL DIRECT-TO-GARMENT (DTG)
TEXTILE PRINTER

Printhead
PrecisionCore Micro TFP® Printhead

Nozzle Configuration
Colour:
800 nozzles x 8 channels x 1 head
White:
800 nozzles x 10 channels x 1 head

Maximum Resolution
1440 x 1440 dpi

Maximum Print Speed
Colour: 13 sec (1 pass)
White + Colour: 27 sec (2 pass)

Ink Sets
Epson UltraChrome DG Ink

Ink Capacity
1.5L

Ink Case
Ink Supply Unit

Colours
Cyan, Magenta,Yellow, Black, White

C M Y K W

TEXTILE PRINTERS SERIES

With a full range of textile printers, each with its own unique capability and functions, we are able to cater to different consumer demands when it comes to textile printing. Be spoilt for choice and indulge in the best solution for your requirements.

SURECOLOR SC-F130
A4 DYE SUBLIMATION
TEXTILE PRINTER

Printhead
PrecisionCore Micro TFP® Printhead

Nozzle Configuration
784 nozzles
(Black: 400 nozzles)
(Colour: 128 nozzles / colour)

Maximum Resolution
600 x 1200 dpi

Maximum Media Width
A4 (210mm)

Maximum Print Speed
65sec
(6 pass, Standard Quality, A4 size)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
140 ml

Ink Case
Ink Bottle

Colours
Cyan, Magenta, Yellow, Black

C M Y K

SURECOLOR SC-F530
24" DESKTOP DYE SUBLIMATION
TEXTILE PRINTER

Printhead
PrecisionCore TFP® Printhead

Nozzle Configuration
400 nozzles x 4 channels x 1 head

Maximum Resolution
2400 x 1200 dpi

Media Width
24"(610mm)

Maximum Print Speed
21m²
(2 pass, 600 x 1200 dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
140 ml

Ink Case
Ink Bottle

Colours
Cyan, Magenta, Yellow, Black

C M Y K

SURECOLOR SC-F531
24" DESKTOP DYE SUBLIMATION
FLUORESCENT TEXTILE PRINTER

Printhead
PrecisionCore TFP® Printhead

Nozzle Configuration
400 nozzles x 4 channels x 1 head

Maximum Resolution
2400 x 1200 dpi

Media Width
24" (610mm)

Maximum Print Speed
21m²
(2 pass, 600 x 1200 dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
140 ml

Ink Case
Ink Bottle

Colours
Cyan, Fluorescent Pink,
Fluorescent Yellow, Black

C Fp Fy K

SURECOLOR SC-F6430
44" DIGITAL DYE SUBLIMATION PRINTER

Printhead
PrecisionCore MicroTFP® Printhead

Nozzle Configuration
400 nozzles x 8 channels x 1 head

Maximum Resolution
600 x 1200 dpi

Media Width
10" – 44" (254 – 1,118mm)

Maximum Print Speed
78.3m²/h (1.1 pass 300 x 600 dpi)
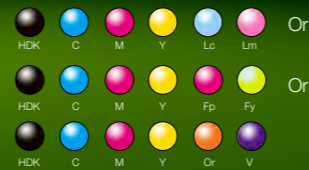
Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
1.6L

Ink Case
Ink Supply Unit

Colours
Cyan, Magenta, Yellow,
High-Density Black

HDK C M Y

SURECOLOR SC-F6430H
44" DIGITAL DYE SUBLIMATION PRINTER

Printhead
PrecisionCore MicroTFP® Printhead

Nozzle Configuration
400 nozzles x 6 channels x 1 head

Maximum Resolution
600 x 1200 dpi

Media Width
10" – 44" (254 – 1118mm)

Maximum Print Speed
38.8m²/h (2.1 pass 300 x 600 dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
1.6L

Ink Case
Ink Supply Unit

Colours*
Cyan, Magenta, Yellow, High Density Black, Light Cyan, Light Magenta
OR
Cyan, Magenta, Yellow, High Density Black, Fluorescent Pink, Fluorescent Yellow OR
Cyan, Magenta, Yellow, High Density Black, Orange, Violet

HDK C M Y Lc Lm Or

HDK C M Y Fp Fy Or

HDK C M Y Or V

*Pre-determined before purchase, no changing after using.

SURECOLOR SC-F9430H
64" DYE SUBLIMATION FLUORESCENT TEXTILE PRODUCTION PRINTER

Printhead
PrecisionCore TFP® Printhead

Nozzle Configuration
360 nozzles x 5 channels x 2 heads

Maximum Resolution
720 x 1440 dpi

Media Width
64" (1630mm)

Maximum Print Speed
62m²/h
(2 pass, 360 x 720dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
1.1L for CMYHDK, 1L for FY, FP

Ink Case
Ink Pouch

Colours
Cyan, Magenta, Yellow, High Density Black, Fluorescent Yellow, Fluorescent Pink

HDK C M Y Fp Fy

SURECOLOR SC-F7270
64" DYE SUBLIMATION TEXTILE PRINTER

Printhead
PrecisionCore TFP® Printhead

Nozzle Configuration
360 nozzles x 4 channels x 2 heads

Maximum Resolution
720 x 1440 dpi

Media Width
64" (1630mm)

Maximum Print Speed
58.9m²/h
(1 pass, 360 x 720 dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
1L

Ink Case
Ink Pouch

Colours
Cyan, Magenta, Yellow, Black / High Density Black

HDK C M Y K

SURECOLOR SC-F10030
76" DYE SUBLIMATION TEXTILE PRINTER

Printhead
PrecisionCore Micro TFP® Printhead

Nozzle Configuration
800 nozzles x 4 channels x 4 heads

Maximum Resolution
1,200 x 1,200 dpi

Media Width
76.8" (1950mm)

Maximum Print Speed
255m²/h
(1.1 pass, 300 x 600 dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
10L Ink

Ink Case
Ink Cartridge

Colours
Cyan, Magenta, Yellow, High Density Black

HDK C M Y

SURECOLOR SC-F9430
64" DYE SUBLIMATION TEXTILE PRODUCTION PRINTER

Printhead
PrecisionCore TFP® Printhead

Nozzle Configuration
360 nozzles x 4 channels x 2 heads

Maximum Resolution
720 x 1440 dpi

Media Width
64"(1630mm)

Maximum Print Speed
108.6m²/h
(1 pass, 360 x 720 dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
1.1L

Ink Case
Ink Pouch

Colours
Cyan, Magenta, Yellow, High Density Black

HDK C M Y

SURECOLOR SC-F10030H
76" DYE SUBLIMATION TEXTILE PRINTER

Printhead
PrecisionCore Micro TFP® Printhead

Nozzle Configuration
800 nozzles x 4 channels x 6 heads

Maximum Resolution
1,200 x 1,200 dpi

Media Width
76.8" (1950mm)

Maximum Print Speed
246m²/h
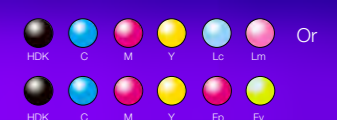(1.1 pass, 300 x 600 dpi)

Ink Sets
Epson UltraChrome DS Ink

Ink Capacity
10L Ink

Ink Case
Ink Cartridge

Colours
Cyan, Magenta, Yellow, High Density Black, Light Cyan, Light Magenta
OR
Cyan, Magenta, Yellow, High Density Black, Fluorescent Pink, Fluorescent Yellow

HDK C M Y Lc Lm Or

HDK C M Y Fp Fy

DYE SUBLIMATION PRINTERS

CONSUMABLES (INK)

DESCRIPTION	SureColor SC-F130		SureColor SC-F530		SureColor SC-F531	
	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity
Cyan	C13T49P200	140 ml	C13T49P200	140 ml	C13T49P200	140 ml
Magenta	C13T49P300	140 ml	C13T49P300	140 ml		
Yellow	C13T49P400	140 ml	C13T49P400	140 ml		
Black	C13T49P100	140 ml	C13T49P100	140 ml	C13T49P100	140 ml
High Density Black						
Light Cyan						
Light Magenta						
Fluorescent Pink					C13T49FB00	140 ml
Fluorescent Yellow					C13T49FA00	140 ml
Orange						
Violet						

OPTIONS

	SureColor SC-F130	SureColor SC-F530	SureColor SC-F531
Maintenance Box	C13S210125	C13S210057	C13S210057

DESCRIPTION	SureColor SC-F6430		SureColor SC-F6430H		SureColor SC-F7270	
	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity
Cyan	C13T53Q200	1.6 L	C13T53Q200	1.6 L	C13T741200	1.0 L
Magenta	C13T53Q300	1.6 L	C13T53Q300	1.6 L	C13T741300	1.0 L
Yellow	C13T53Q400	1.6 L	C13T53Q400	1.6 L	C13T741400	1.0 L
Black					C13T741100	1.0 L
High Density Black	C13T53Q900	1.6 L	C13T53Q900	1.6 L	C13T741X00	1.0 L
Light Cyan			C13T53Q500	1.6 L		
Light Magenta			C13T53Q600	1.6 L		
Fluorescent Pink			C13T53Q800	1.6 L		
Fluorescent Yellow			C13T53Q700	1.6 L		
Orange			C13T53QA00	1.6 L		
Violet			C13T53QD00	1.6 L		

OPTIONS

	SureColor SC-F6430	SureColor SC-F6430H	SureColor SC-F7270
Maintenance Box	C13S210063	C13S210063	C13S210038

DYE SUBLIMATION PRINTERS
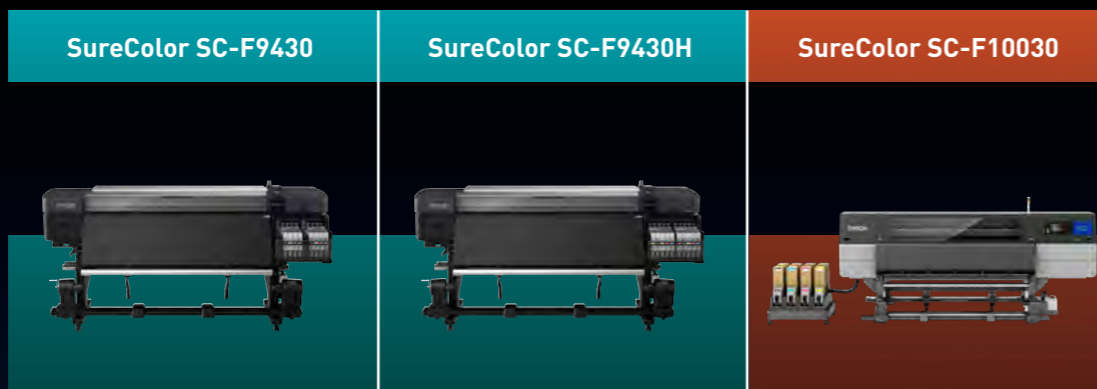
CONSUMABLES (INK)	SureColor SC-F9430 Product Code	SC-F9430 Ink Capacity	SureColor SC-F9430H Product Code	SC-F9430H Ink Capacity	SureColor SC-F10030 Product Code	SC-F10030 Ink Capacity	SureColor SC-F10030H Product Code	SC-F10030H Ink Capacity
Cyan	C13T46H200	1.1 L	C13T46H200	1.1 L	C13T43G200	10 L	C13T43G200	10 L
Magenta	C13T46H300	1.1 L	C13T46H300	1.1 L	C13T43G300	10 L	C13T43G300	10 L
Yellow	C13T46H400	1.1 L	C13T46H400	1.1 L	C13T43G400	10 L	C13T43G400	10 L
Black								
High Density Black	C13T46H800	1.1 L	C13T46H800	1.1 L	C13T43G100	10 L	C13T43G100	10 L
Light Cyan							C13T43G500	10 L
Light Magenta							C13T43G600	10 L
Fluorescent Pink			C13T46H500	1.0 L			C13T43G800	10 L
Fluorescent Yellow			C13T46H600	1.0 L			C13T43G700	10 L
Orange								
Violet								
OPTIONS Maintenance Box	C13S210063		C13S210063		C13S210071		C13S210071	

DTG PRINTERS

| CONSUMABLES (INK)	SureColor SC-F2230 Product Code	SC-F2230 Ink Capacity	SureColor SC-F3030 Product Code	SC-F3030 Ink Capacity
Cyan	C13T54Q200	800 ML	C13T48A20N	1.5 L
Magenta	C13T54Q300	800 ML	C13T48A30N	1.5 L
Yellow	C13T54Q400	800 ML	C13T48A40N	1.5 L
Black	C13T54Q100	800 ML	C13T48A10N	1.5 L
White	C13T54QA00	800 ML	C13T48AA0N	1.5 L
Maintenance Liquid	C13T54QB00	800 ML	C13T48AB00	1.5 L
Cleaning Liquid	C13T54R900	800 ML	C13T44A900	1.5 L
Pre-treatment Liquid (Polyester)	C13T43R200	1.8 L	C13T43R200	1.8 L
Pre-treatment Liquid (Cotton)	C13T43R100	2 L	C13T43R100	2 L
OPTIONS Maintenance Kit	C13T736200		C13T736200	
Waste Ink Bottle	C13T724000		C13S210071	
Head Cleaning Set	C13S400216		C13S092001	

PRINT APPLICATIONS

From printing small-scale novelty items including mugs, masks and smartphone covers to large-scale textile printing such as fast fashion wear and curtains, our textile printers can handle them all, ensuring the best performance and quality that will exceed the highest of expectations with every output.
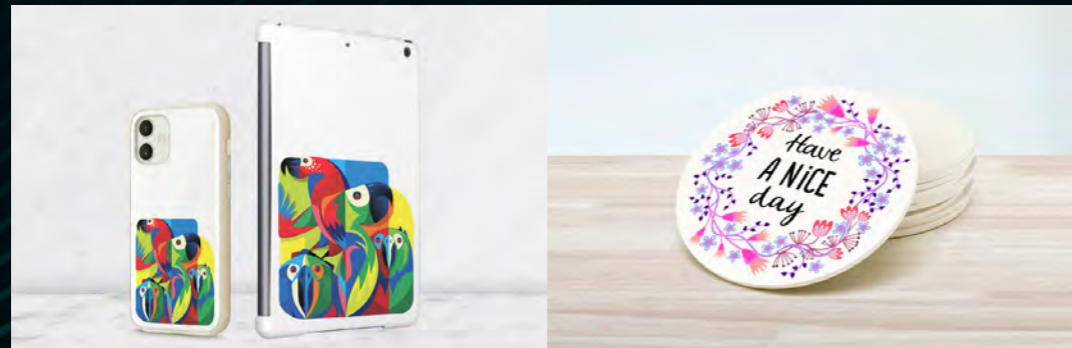
Mobile Phone/Tablet Case

Coaster

Cap

T-shirt

Mug
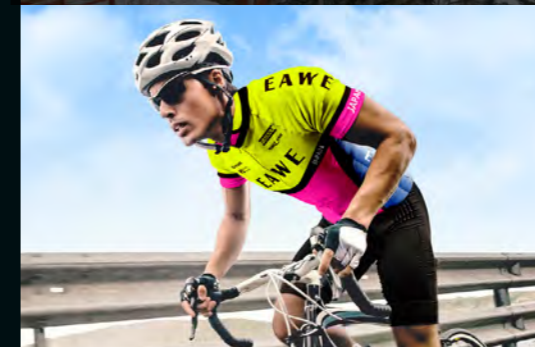

Aluminium Photo Panel
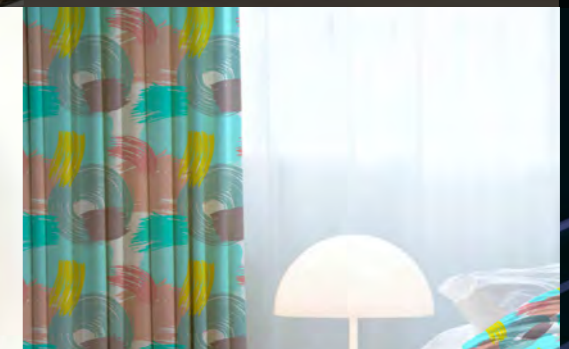

Tote Bag

Hoodie

Fashion Wear

Basketball Jersey

Soft Signage

Hijab

Fluorescent Jersey

Cushion

Scarf

Curtain

EPSON