

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.





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

Why Digital Printing

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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.

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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.

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- Poor cost-effectiveness of limitation of the number of print jobs taken.
- not guaranteed.
- Shorter cycles of fashion • trends and the increase of small businesses globally, result in the phasing out of analogue printing.



small orders, resulting in the

Quality and consistency are

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- F9530H, SC-F11030H.

Advantages of Direct-to-Garment (DTG) and Dye Sublimation Printing

Digital Printing Workflow

Digital printing processes are made convenient and seamless in comparison to traditional silk screen printing. Be it direct-togarment 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-togarment printing eliminates this for increased productivity.

Printing on White Fabric

Printing on **Black Fabric**



Drv liauid



Dry ink



Process completed

Traditional Silk Screen Printing Process

Create a d



Directly print

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.

Dye sublimation printing

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

Dve Sublimation Transfer Workflow



with photoshop

Print on pape Transfer to fabric

Traditional Silk Screen Printing Process







Senarat Prepare positive colours are film for each created in colour layers in Photoshop, et

Coat screen with emulsion and leave it to dry

Expose scree Wash screet to UV light with water



Suitable for small to large batch printing

Extensive colour options Maximum detail in design

Suitable for small to large batch printing

> **Minimal upfront** investment

Easily customised desians





completed

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Printing Technology

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.



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.





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.

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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

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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.

Dye Sublimation Printhead

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

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.

High-speed Printing

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

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.



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.



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

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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 Approved

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 environmentallyfriendly by bluesign. Customers can find the Epson inks that are certified under Bluesign on https://finder.bluesign.com/index.html.



Epson Total Solution

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.



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 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 EMX² file ٠ 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
- 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 PORT

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.

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-F1030

DESKTOP DIRECT-TO-GARMENT (DTG) HYBRID PRINTER



Printhead PrecisionCore Micro TFP Printhead

Nozzle Configuration Colour: 400 nozzles x 4 channels White:

400 nozzles x 2 channels **Maximum Resolution** 2,400 x 1200 dpi

Maximum Print Speed Colour: 80 sec/sheet White + Colour: : 200 sec/sheet

Ink Sets Epson UltraChrome DG2 Ink

Ink Capacity

Ink Case Ink Supply Unit

250ml

Colours Cyan, Magenta, Yellow, Black, White



SURECOLOR SC-F130

A4 DYE SUBLIMATION **TEXTILE PRINTER**



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

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 Capacity 800 ml

Ink Case Ink Supply Unit

Colours Cyan, Magenta, Yellow, Black, White



SURECOLOR SC-F530 / F531

24" DESKTOP DYE SUBLIMATION **TEXTILE PRINTER**



PrecisionCore TFP Printhead **Nozzle Configuration**

Printhead

Maximum Resolution 2.400 x 1.200 dpi

Media Width 24"(610mm)

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

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

1,440 x 1,440 dpi

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

Ink Sets Epson UltraChrome DG Ink

Ink Case Ink Supply Unit

Ink Capacity

1.5L

Colours Cyan, Magenta, Yellow, Black, White



SURECOLOR SC-F6430 44" DIGITAL DYE SUBLIMATION PRINTER



Printhead

Nozzle Configuration

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)



TEXTILE PRINTERS SERIES

PrecisionCore Micro TFP Printhead

(6 pass, Standard Quality, A4 size)

400 nozzles x 4 channels x 1 head

Ink Sets Epson UltraChrome DS Ink

Ink Capacity 140 ml

Ink Case Ink Bottle

Colours Cyan, Magenta, Yellow, Black



Ink Sets Epson UltraChrome DS Ink

Ink Capacity 140 ml

Ink Case Ink Bottle

Colours Cyan, Magenta, Yellow, Black (F530)



Cyan, Fluorescent Pink, Fluorescent Yellow, Black (F531)



PrecisionCore MicroTFP Printhead

400 nozzles x 8 channels x 1 head

Ink Sets Epson UltraChrome DS Ink

Ink Capacity 1.6L

Ink Case Ink Supply Unit

Colours Cyan, Fluorescent Pink, Fluorescent Yellow, Black



TEXTILE PRINTERS SERIES

TEXTILE PRINTERS SERIES

SURECOLOR SC-F6430H

44" DIGITAL DYE SUBLIMATION PRINTER



Print Head PrecisionCore MicroTFP Printhead

Nozzle Configuration 400 nozzles x 6 channels x 1 head

Maximum Resolution 600 x 1,200 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

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

SURECOLOR SC-F9530H

64" DYE SUBLIMATION TEXTILE PRODUCTION PRINTER



Print Head

Maximum Resolution 600 x 1,200 dpi

Media Width 64" (1630mm)

Maximum Print Speed 147.2m²/h

Ink Sets

Ink Capacity 3.2L (1.6L x 2)

Ink Case Ink Supply Unit

Print Head

SURECOLOR SC-F7270 **64" DYE SUBLIMATION TEXTILE PRINTER**



Print Head PrecisionCore TFP Printhead

Nozzle Configuration 360 nozzles x 4 channels x 2 heads

Maximum Resolution 720 x 1,440 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 11

Ink Case Ink Pouch

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



SURECOLOR SC-F11030

76" DYE SUBLIMATION **TEXTILE PRINTER**



Print Head

Media Width

246m²/h

Media Width

SURECOLOR SC-F11030H

TEXTILE PRINTER



Ink Sets

Ink Capacity 10L Ink

Ink Case Ink Supply Unit

SURECOLOR SC-F9530 **64" DYE SUBLIMATION TEXTILE PRODUCTION PRINTER**



Print Head PrecisionCore Micro TFP Printhead

Nozzle Configuration 400 nozzles x 4 rows x 4 colours

Maximum Resolution 600 x 1200 dpi

Media Width 64"(1630mm) **Maximum Print Speed**

147.2m²/h (1.1 pass, 300 x 600 dpi)

Ink Sets Epson UltraChrome DS Ink

3.2L (1.6L x 2) Ink Case

Ink Capacity

Ink Supply Unit

Colours Cyan, Magenta, Yellow, High Density Black



76" DYE SUBLIMATION

PrecisionCore Micro TFP Printhead

Nozzle Configuration 400 nozzles x 4 rows x 6 colours

(1.1 pass, 300 x 600dpi)

Epson UltraChrome DS 6 Ink

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



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

PrecisionCore Micro TFP Printhead

Nozzle Configuration 1,600 nozzles x 2 lines x 4 heads

Maximum Resolution 1.200 x 1.200 dpi

76.8" (1950mm)

Maximum Print Speed 255.1m²/h

(1.1 pass, 300 x 600 dpi)

Ink Sets Epson UltraChrome DS Ink

Ink Capacity 10L Ink

Ink Case Ink Supply Unit

Colours Cyan, Magenta, Yellow, High Density Black



PrecisionCore Micro TFP Printhead

Nozzle Configuration 1,600 nozzles x 2 lines x 6 heads

Maximum Resolution 1,200 x 1,200 dpi

76.8" (1950mm)

Maximum Print Speed

(1.1 pass, 300 x 600 dpi)

Epson UltraChrome DS / DS6 Ink

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



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

				PRINTER	MODELS			PRINTER MODELS								
DYE SUBLIMATION PRINTERS		SureColor SC-F130 SureColor SC-F530			SC-F530	SureColor	SC-F531	SureColor SC	SureColor SC-F6430H		SureColor SC-F7270		SureColor SC-F9530			
DESCRIPTION		Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity	
	Cyan	C13T49P200	140 ml	C13T49P200	140 ml	C13T49P200	140 ml	C13T53Q200	1.6 L	C13T53Q200	1.6 L	C13T741200	1.0 L	C13T53Q200	1.6 L x 2	
	Magenta	C13T49P300	140 ml	C13T49P300	140 ml			C13T53Q300	1.6 L	C13T53Q300	1.6 L	C13T741300	1.0 L	C13T53Q300	1.6 L x 2	
CONSUMABLES (INK)	Yellow	C13T49P400	140 ml	C13T49P400	140 ml			C13T53Q400	1.6 L	C13T53Q400	1.6 L	C13T741400	1.0 L	C13T53Q400	1.6 L x 2	
	Black	C13T49P100	140 ml	C13T49P100	140 ml	C13T49P100	140 ml					C13T741100	1.0 L			
	High Density Black							C13T53Q900	1.6 L	C13T53Q900	1.6 L	C13T741X00	1.0 L	C13T53Q900	1.6 L x 2	
	Light Cyan									C13T53Q500	1.6 L					
	Light Magenta									C13T53Q600	1.6 L					
	Fluorescent Yellow					C13T49FA00	140 ml			C13T53Q700	1.6 L					
	Fluorescent Pink					C13T49FB00	140 ml			C13T53Q800	1.6 L					
	Orange									C13T53QA00	1.6 L					
	Violet									C13T53QD00	1.6 L					
OPTIONS	Maintenance Box	C13S210125		C13S210057		C13S210057		C13S210063		C13S210063		C13S210038		C13T724000		

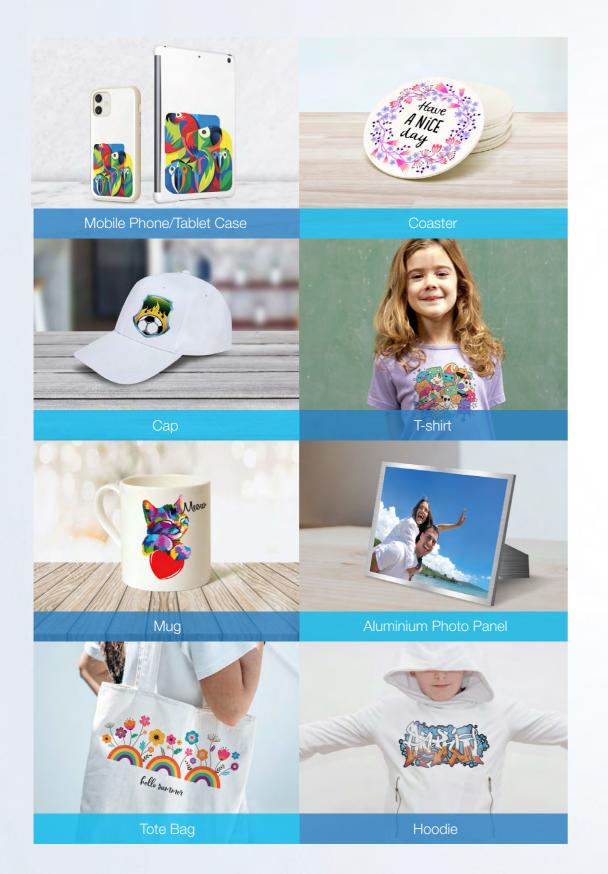


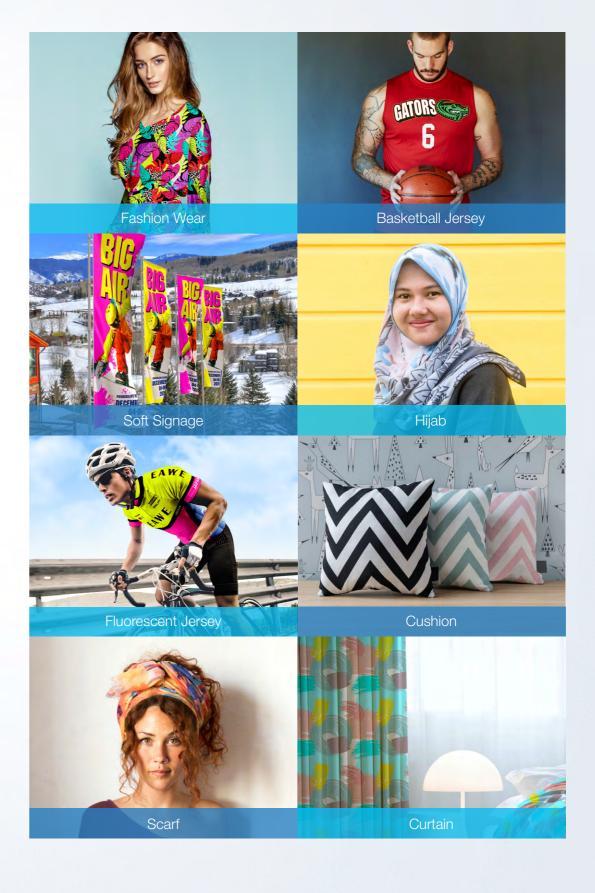


PRINTER MODELS										PRINTER MODELS						
DYE SUBLIMATION PRINTERS		SureColor	SC-F9530H	SureColor SC-F11030		SureColor SC-F11030H				Color SC-F1030	SureColo	SureColor SC-F2230		SureColor SC-F3030		
								DTG PRINTERS								
DES	SCRIPTION	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity	DESCRIPTION	Product	ode Ink Capaci	y Product Code	Ink Capacity	Product Code	Ink Capacity		
CONSUMABLES (INK)	Cyan	C13T53Q200	1.6 L x 2	C13T43G200	10 L	C13T43G200	10 L	Cyan	C13T55	200 250 m	C13T54Q200	800 ML	C13T48A20N	1.5 L		
	Magenta	C13T53Q300	1.6 L x 2	C13T43G300	10 L	C13T43G300	10 L									
	Yellow	C13T53Q400	1.6 L x 2	C13T43G400	10 L	C13T43G400	10 L	Mage	nta C13T55	:300 250 m	C13T54Q300	800 ML	C13T48A30N	1.5 L		
	Black							Yellov	N C13T55	400 250 m	C13T54Q400	800 ML	C13T48A40N	1.5 L		
	High Density Black	C13T53Q900	1.6 L x 2	C13T43G100	10 L	C13T43G100	10 L									
	Light Cyan	C13T53Q500	1.6 L x 2			C13T43G500	10 L	CONSUMABLES (INK)	C13T55	100 250 m	C13T54Q100	800 ML	C13T48A10N	1.5 L		
	Light Magenta	C13T53Q600	1.6 L x 2			C13T43G600	10 L	8								
	Fluorescent Yellow	C13T53Q700	1.6 L x 2			C13T43G700	10 L	White	C13T55	A00 250 m	C13T54QA00	800 ML	C13T48AA0N	1.5 L		
	Fluorescent	C13T53Q800	1.6 L x 2			C13T43G800	10 L	Maintenano Liquid	се С13Т55	B00 250 m	C13T54QB00	800 ML	C13T48AB00	1.5 L		
	Pink		1.0 2 × 2					Cleaning Li	quid C13T55	900 250 m	C13T54R900	800 ML	C13T44A900	1.5 L		
	Orange	C13T53QA00	1.6 L x 2					Polyster Pre-treatm Liquid	1.1.19		C13T43R200	18 L	C13T43R200	18 L		
	Violet	C13T53QD00	1.6 L x 2					Pre-treatm Liquid	C13T43		—— C13T43R100	20 L	C13T43R100	20 L		
_ 0_								Maintenand	ce Kit	C13S400215	C13T	736200	C13T7			
OPTIONS	Maintenance Box	C13T7	24000	C13S210071		C13S210071		Waste Ink E Head Clean		N/A C13S210144		724000 400216	C1352 C1352			

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.







Find out more at www.epson.com.sg/gobig-textile

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