

Epson SureColor F6070

Epson SureColor F7170

Dye-Sublimation Transfer



F

SureColor F-Series

Better Performance. More Profit.

How do you reinvent the dye-sublimation transfer printer? You start by designing every component to work together. From the printhead and ink technology, to the printer mechanism and software. The result? A high-performance dye-sublimation transfer printer designed with extreme reliability for true industrial-level production.

Introducing the all-new Epson SureColor F-Series printer family

Developed using the latest advancements in performance imaging, like our Epson® PrecisionCore™ TFP® printhead, along with an all-new dye-sublimation transfer ink technology — Epson UltraChrome® DS — the purpose-built Epson SureColor F-Series allows you to focus on what matters most — more profit.



The SureColor F-Series is designed exclusively for use with our Epson UltraChrome DS Ink and not for use with any other brands of inks or cartridges.

44-Inch

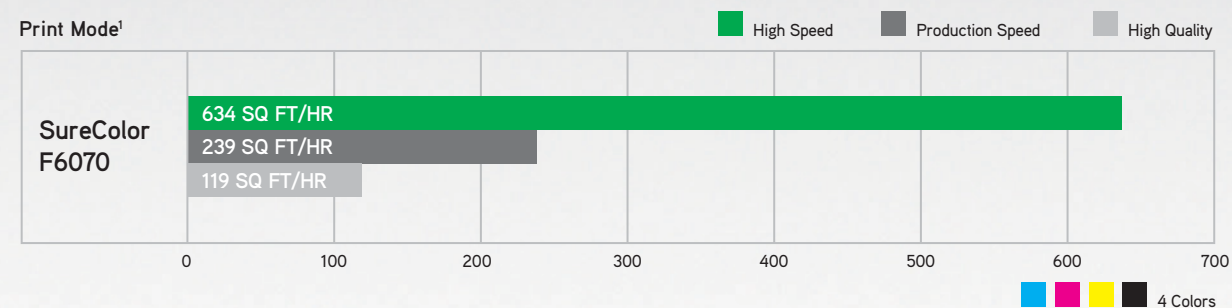
High-Performance Cut-Sheet

SureColor F6070



Reliable Everyday Performance

From high-end athletic wear and swimsuits, to mouse pads and smartphone cases, the Epson SureColor F6070 is the perfect everyday dye-sublimation transfer printer. It's ideal for virtually any high-performance, cut-and-sew apparel application or custom specialty product. With its spindle-free roll media feeder, along with a built-in, high-speed automatic paper cutter, daily operation couldn't be easier. Designed for simple operation and easy maintenance, the 44-inch SureColor F6070 will transform your current workflow into a cleaner, simpler and more reliable process.



64-Inch

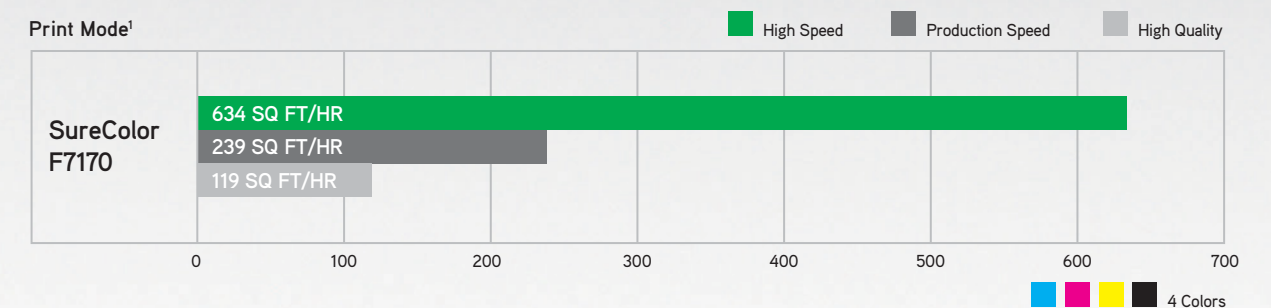
Robust Roll-to-Roll

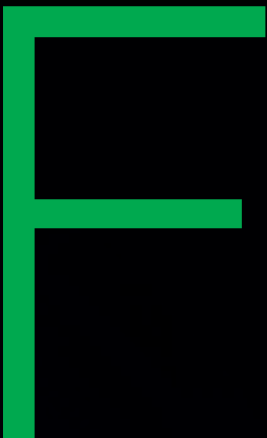
SureColor F7170



Industrial-Level Production

The Epson SureColor F7170 is a precise roll-to-roll dye-sublimation transfer printer for industrial-level production of virtually any polyester-based textile manufacturing or soft signage application. With a robust 64-inch-wide media feeding and take-up system — along with 1.5 Liter refillable ink tanks² — the SureColor F7170 can reliably print roll-to-roll fully unattended. And, by incorporating a purpose-built Epson PrecisionCore TFP printhead — developed exclusively for Epson UltraChrome DS dye-sublimation ink — the final output is of exceptional quality and durability.





Epson UltraChrome DS Ink

With a dedicated team of chemical engineers, Epson developed an all-new dye-sublimation transfer ink technology exclusively for the SureColor F6070 and F7170 printers. Utilizing only four colors, Epson UltraChrome DS Ink produces outstanding color, definition and sharpness. Along with extremely fast dry times and exceptional dye-sublimation transfer characteristics, your final output will simply amaze.

Four Permanent High-Capacity 1.5 Liter Refillable Ink Tanks²

It's all about productivity. This easy-to-use, bulk-ink delivery system provides for longer maintenance intervals, while significantly reducing your final ink cost and plastic waste.



Brilliant Color Performance

Epson UltraChrome DS Ink technology produces exceptionally vibrant colors, neutral blacks and sharp contours. Your final output is simply stunning. Exactly what you'd expect from Epson.



Garment Durability

At the heart of any good dye-sublimation transfer technology is durability — and Epson UltraChrome DS Ink technology is no exception. Superior light and wash fastness for the most demanding applications.



Oeko-Tex® Certification³

Epson UltraChrome DS Ink technology, when applied to polyester fabrics, passes the requirements of Oeko-Tex Standard 100 for human and ecological requirements for class 1 products, which means — it's safe.



Fast-Drying

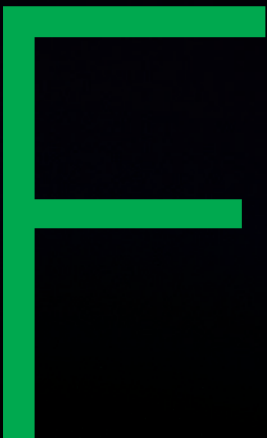
A unique property of Epson UltraChrome DS Ink technology is its exceptionally fast-drying performance. This allows for greater print speeds and significantly higher productivity.



Environmentally Friendly

Epson sells Epson UltraChrome DS Inks in a unique one-liter, refillable bag. This eliminates the problem of disposing of multiple plastic ink bottles, therefore significantly reducing your overall waste.





Advanced Printhead Technology

Specifically designed for the SureColor F6070 and F7170 printers, our latest Epson PrecisionCore TFP printhead was developed to work exclusively with our unique Epson UltraChrome DS Ink. This results in exceptional ink efficiency, along with a higher level of printhead reliability. Finally, a purpose-built dye-sublimation imaging technology designed for serious, reliable production.

Superior Printhead Reliability

Epson achieves unprecedented printhead reliability by specially assembling the print-head to handle the unique characteristics of Epson UltraChrome DS Ink.

Outstanding Performance

Our latest printhead technology utilizes a full one-inch-wide printhead with 720 nozzles per color, for truly industrial-level production speeds.

Variable Droplet

Epson developed an advanced imaging technology utilizing variable droplets as small as 5.3 picoliters. This allows for amazing print quality, even at the fastest print modes, while using significantly less ink compared to other solutions.



Reliable Production

By designing the ink and printhead technology to work together, a major failure point is significantly reduced or removed altogether. The result? A more reliable production workflow.



Seriously Fast Production Speeds

Capable of daily production speeds up to 634 square feet per hour¹, these printers dramatically increase your daily production, while freeing-up valuable floor space by reducing the number of printers required.



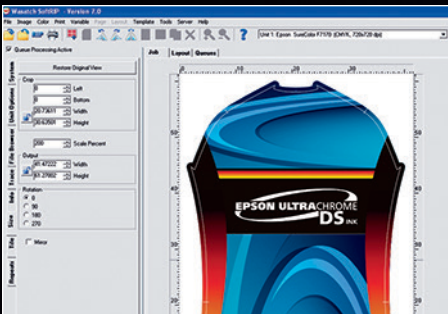
Epson Dye-Sublimation Papers

To optimize the exceptional transfer performance of Epson UltraChrome DS Ink, Epson developed three new transfer papers: Multi-Purpose, Textile Adhesive and Production.



Powered by Wasatch SoftRIP

Each SureColor F6070 and F7170 includes a full version of Wasatch SoftRIP with full support for color management, print cost estimation and even color profiles for the Epson line of transfer papers.



World-Class Service and Support

Unlike most dye-sublimation printers, every SureColor F6070 and F7170 comes standard with an on-site warranty, including free phone support. And did we mention everything is covered? Even the printhead.



*Actual garment produced using Epson SureColor F-Series printer.



Customized Garment Production

From one to 1000, digital dye-sublimation transfer printing allows for more efficient production of customized apparel and specialty products — a true competitive advantage.

Unleash Your Creativity

Due to the precision of our Epson PrecisionCore TFP printhead technology, fonts and line-art are exceptionally sharp. Now your garment designs are limited only by your designers’ imagination.

Vibrant Reds

Due to the unique Magenta and Yellow pigments used within Epson UltraChrome DS Ink, shades of reds have an intense vibrance, significantly better than other ink technologies.

True Neutral Blacks

The core Black ink chemistry used within Epson UltraChrome DS Inks produces an exceptionally neutral black for outstanding color accuracy. Or, if you prefer — virtually any black you wish.

F-Series

Highlighted Details

Specs

Feature	SureColor F6070	SureColor F7170
Dimensions and Weight	63" (W) x 32" (D) x 45" (H) 196 lb Dimensions and weight include printer stand	103" (W) x 50" (D) x 52" (H) 593 lb Dimensions and weight include printer stand and take-up reel
Printer Interfaces	Includes as standard one Hi-Speed USB 2.0 (1.1 compatible) and one Gigabit Ethernet port (10/100/1000Base-T)	
RIP Workflow by Wasatch	A complete SoftRIP software with layout, nesting, tiling and plug-and-play imaging configurations. Capable of providing an accurate estimate of every job with the Cost Estimator Tool.	A complete SoftRIP TX edition software that includes everything in the standard version with additional tools specific for textile imaging such as “Step & Repeat” and “Colorways”.
Wasatch SoftRIP Requirements	Windows® 8, Windows 7, Windows Vista® or Windows XP® (32-bit) 4GB memory recommended	3.0 GHz Intel® Core 2 Duo or better
Media Handling	Media input — Single roll to Cut-sheet Media input size — 17" up to 44" wide rolls Media core compatibility — Handles 2" and 3" cored media Max. roll media diameter — Up to 5.9" Weight — 75 gsm to 120 gsm — Up to 0.50 mm thick media	Media input — Single roll-to-roll Media input size — 36" up to 64" wide Media core compatibility — Handles 2" and 3" cored media Max. roll media diameter — Up to 9.8" and 90 lb Weight — 75 gsm to 120 gsm — Up to 1.0 mm thick media
Epson Bulk Ink System ²	High-capacity tanks — 1.5 Liter each color Ink pack shelf life (recommended) — 2 years from printed production date The printer is designed exclusively for use with Epson ink packs. ²	
Installation Requirements	Location with a typical air conditioning or other good air ventilation system Recommended Operating Temperature: 59° to 77°F (15° to 25°C) Recommended Operating Humidity: 60%	
Electrical Requirements	Voltage: AC 100 – 120 V, AC 200 – 240 V Frequency: 50 – 60 Hz Current: 0.5 A – 1.0 A Maximum power consumption: Approx. 65 W	Voltage: AC 100 – 120 V, AC 200 – 240 V Frequency: 50 – 60 Hz Current: 5 A at AC 110 – 120 V or 10 A at AC 200 – 240 V Maximum power consumption: Approx. 460 W Operating — Less than 330 W (Heater On), Less than 30 W (Heater Off) Sleep — Less than 10 W, Power Off — Less than 0.6 W
Warranty and Service	Standard 90-day on-site, limited warranty, extendable to one full year with registration Usually next-business-day service with toll-free phone support Monday through Friday Optional extended Epson Preferred SM Plus Service programs available for purchase Warranty and extended service coverage are lost if any non-Epson cartridges, inks or ink delivery system is used.	
Special Features	Built-in high-speed cutter, for auto or manual roll-to-cut-sheet media handling Optimized for small or flat bed heat transfer press use	Precision Media Handling: Fully motorized media handling with sensor-based Auto Media Tension Control Built-in take-up reel for complete roll-to-roll media handling Winding accuracy of about 0.5 mm for true calendar press paper feed Standard platen heater for optimal ink dryage times

1 All print speeds are based on print engine speed only, in Bi-directional Mode. Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc.

2 The SureColor F-Series printers are designed to use only Epson ink cartridges and refill packs and no other brands of new or refilled cartridges, or other brands of ink or bulk ink systems. Using Epson ink is important for reliable performance and high image quality. For print quality, a variable amount of ink remains in the cartridge after the “Chip Expended” indicator comes on.

3 Oeko-Tex Standard specifies testing criteria for the presence of harmful substances within a textile product. The standard belongs to the International Association for Research and Testing in the field of Textile Ecology (Oeko-Tex).

Built to Perform.™



Better Products for a Better Future™

For more information on Epson's environmental programs, go to
eco.epson.com

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