



Epson SureColor® F9470 / F9470H

Next Generation Dye-sublimation Transfer Printers

Sales Reference Guide



Epson SureColor F-Series Dye-Sublimation Line

On-demand digital textile printing, limited only by your own creativity.

Epson SureColor F570



24" Width



Epson SureColor F6370



44" Width



Epson SureColor F7200



64" Width



Epson SureColor F9470



64" Width



Epson SureColor F9470H



64" Width



Epson SureColor F9470 Series

Powerful Speeds = Extraordinary Productivity

Better Performance, More Profit

SureColor F9470 Production Edition (4 Color)
\$27,995 MSRP



+

 C M Y HDK C M Y HDK

SureColor F9470H Production Edition (6 Color)
\$31,995 MSRP



+

 C M Y HDK Fy Fp C M Y HDK Fy Fp

Print speeds
up to:

	SureColor F9470		SureColor F9470H	
Application	Print Modes w/CMYK Only		Print Modes w/CMYK Only	Print Modes w/Fluorescent
Fashion / Signage	1,004 ft ² /hr		1,004 ft ² /hr	667 ft ² /hr
Sports Apparel	568 ft ² /hr		568 ft ² /hr	345 ft ² /hr

Epson SureColor F9470 / F9470H

High-Speed Roll-to-Roll Production

New Media Feed System

High accuracy media feed system support papers as light as 45 gsm

Dual Print Head

PrecisionCore TFP

High production speeds

Fabric Wiper System

High reliability

SureColor F9470

Dual-CMYK w/3 Liters per Color

SureColor F9470H

Dual-CMYK – 3.0 Liter per Color
+ Fy/Fp – 1.5 Liter per Color

Post-heater

Expedited ink drying

Auto Feeding & Take-up Reel System

Ideal for roll-to-roll production with high accuracy winding of +/-2.5mm





Epson PrecisionCore™

Next-Generation Print Head Technology



■ Commercial-Grade Reliability

- The PrecisionCore print chips have been co-developed with Epson UltraChrome DS ink technology for extreme reliability
- Capable of high-production, with little downtime for maintenance

■ Fast Print Speeds

- True 1,440 nozzles per inch dedicated to each CMYK channel and 720 nozzles for each Fluorescent Yellow and Pink channel
- One of the fastest dye-sublimation transfer printers in its class

■ Extreme Print Quality

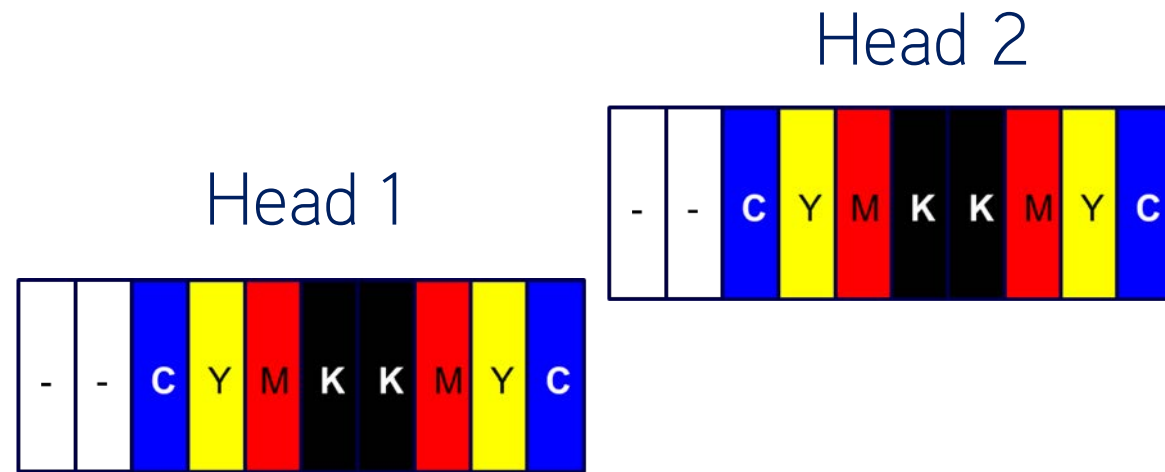
- Print resolutions up to 1,440 x 720 dpi for amazing image quality
- Precision dot control for outstanding clarity and sharpness for garment imaging



Epson PrecisionCore TFP Print Heads

Actual print heads used in the
SureColor F9470H printer

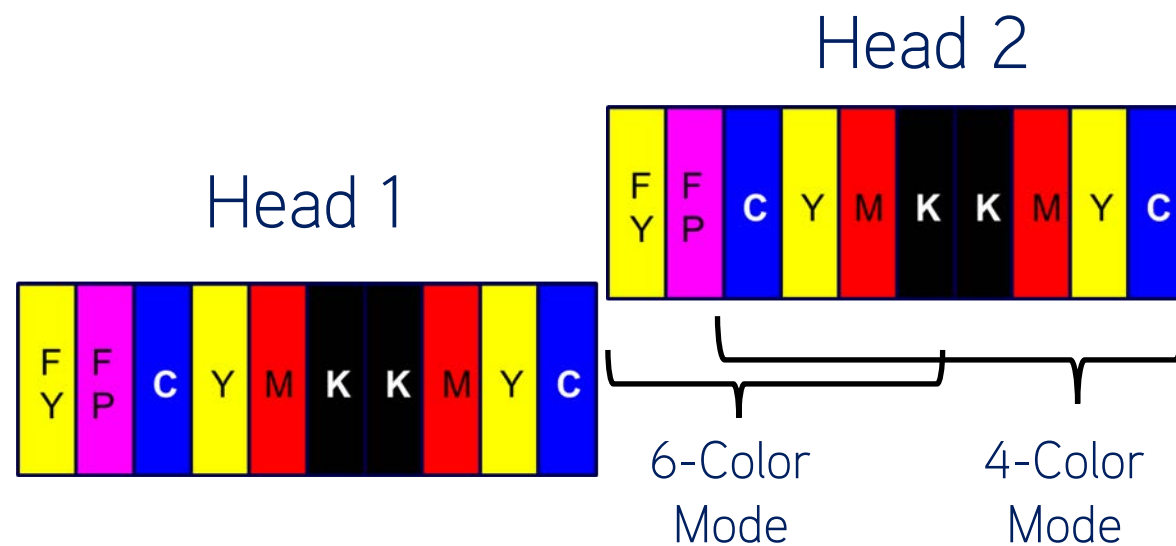
SureColor F9470 – Dual 8-Channel Precision Core Printhead



SureColor F9470

- Quad-CMYK Print Channels for high print performance
- Dual print head design allows a problematic head to be disabled while still being able to produce sellable output

SureColor F9470H – Dual 10-Channel Precision Core Printhead



SureColor F9470H

- Utilizes the same Quad-CMYK print channels as F9470 when operating in CMYK print modes
- Automatically reconfigures to Dual-CMYKFyFp print channels when using Fluorescent print modes
- Dual print head design allows a problematic head to be disabled while still being able to produce sellable output



Technology Enhancements

Epson SureColor F9470 Series

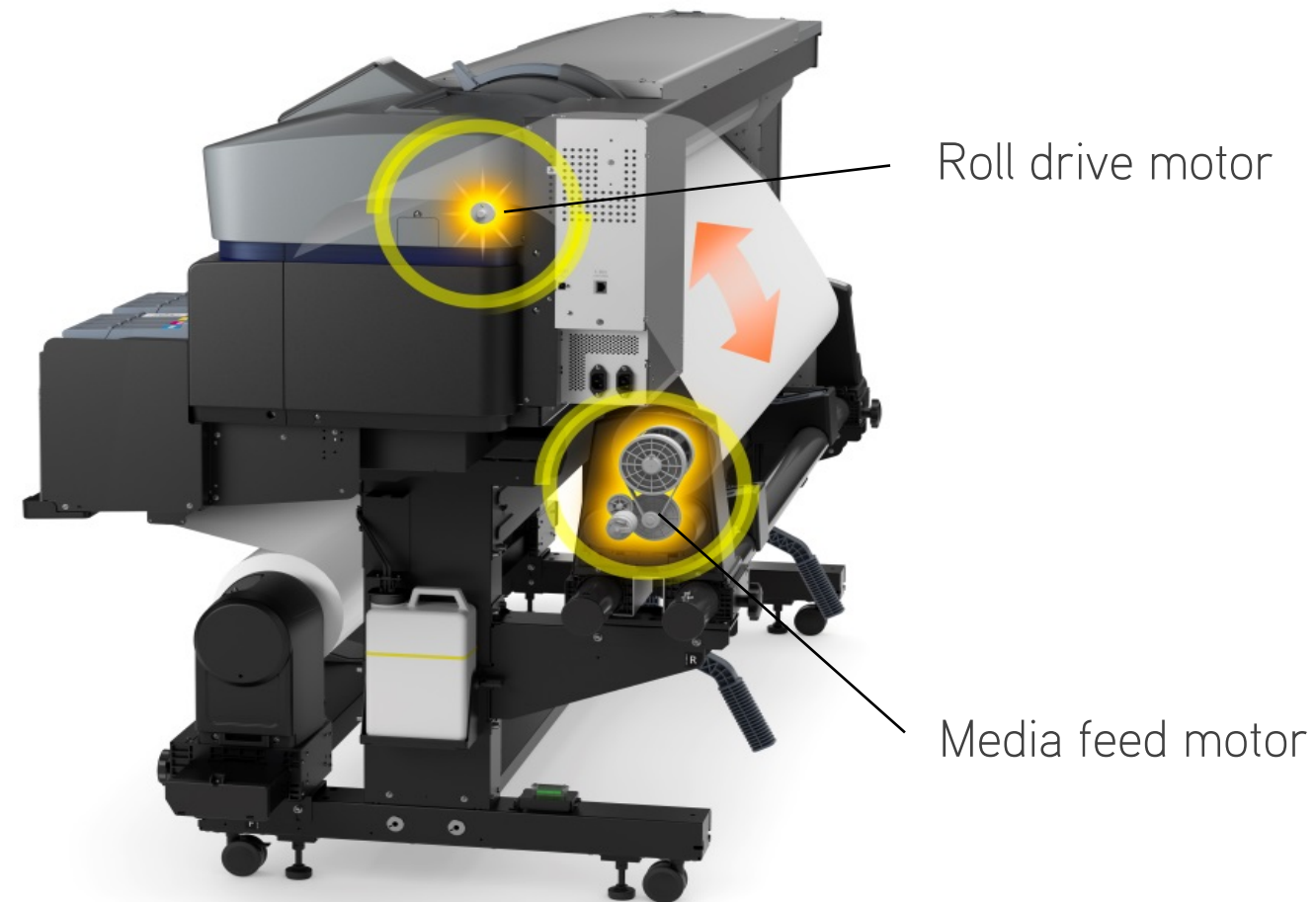


Epson SureColor F9470 2-Pass Print quality using *MPO* Technology



Typical Competitor 2-Pass print quality

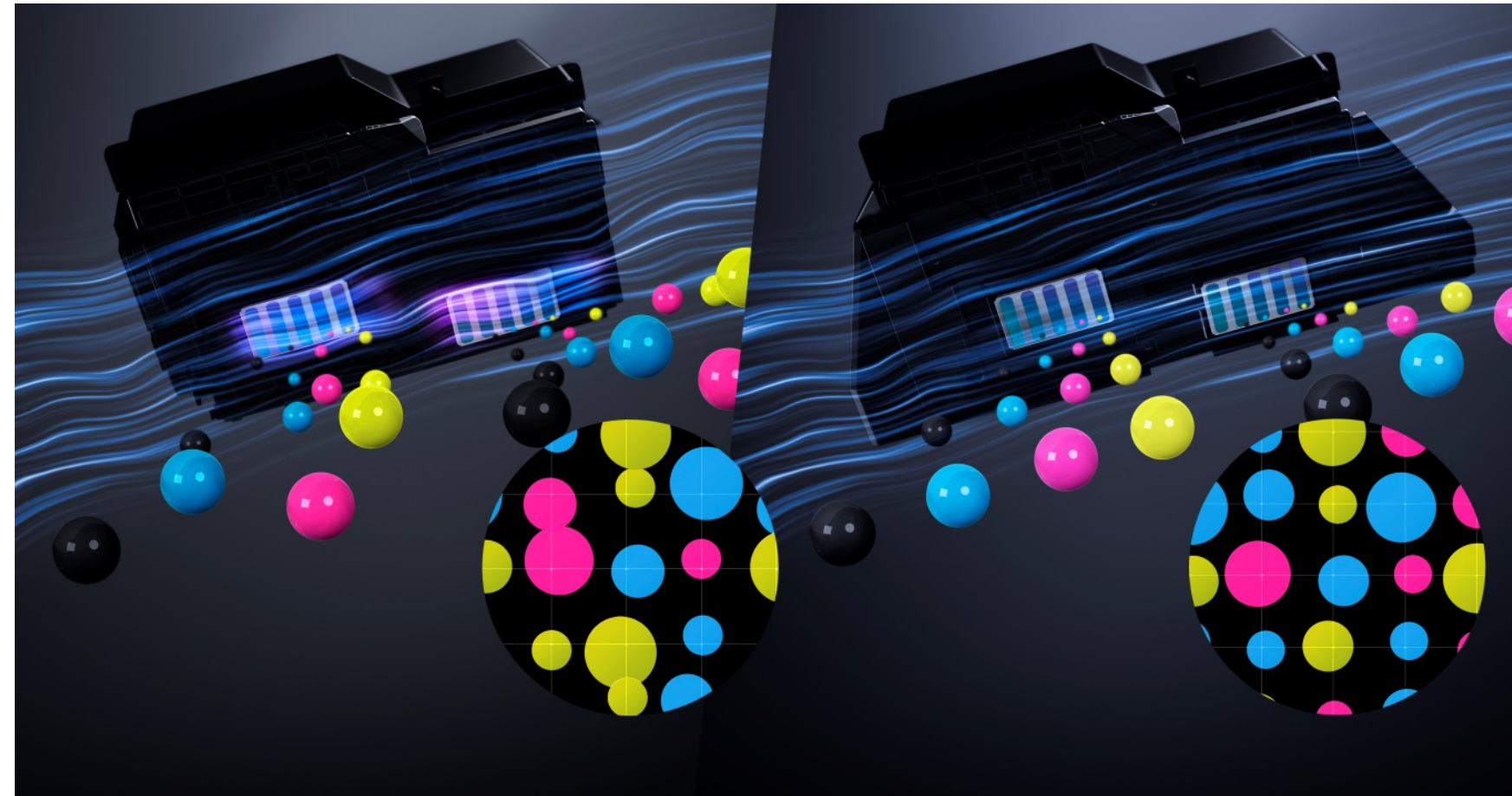
Featuring *Advanced Multi-Pass Overlap (MPO)* technology, the SureColor F9470 printer increases production speed by maintaining print quality with fewer print passes.



The *Advanced Auto Paper Tension control (ATC)* system utilizes both the **media feed motor** and **roll drive motor** together to accurately control paper feed and virtually eliminate banding with or without the take-up reel system in use.

Without Print head Air-Guard

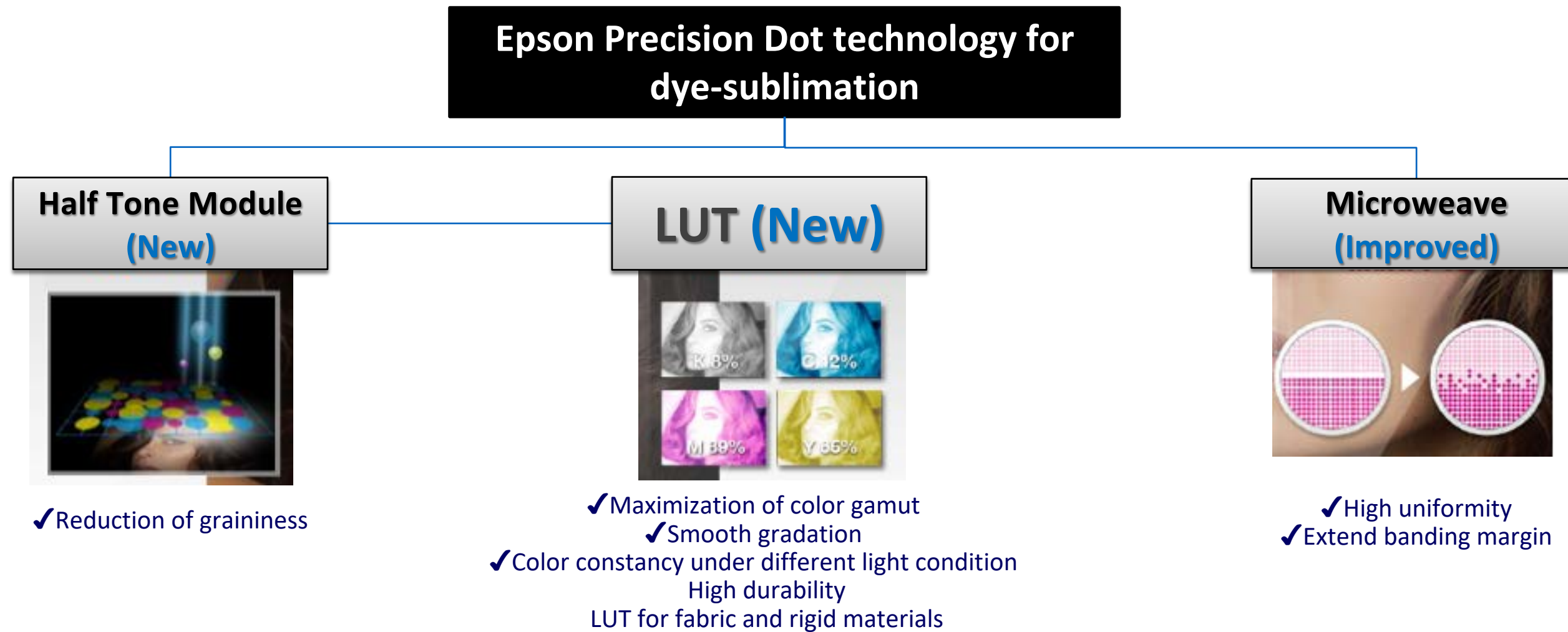
With Print head Air-Guard



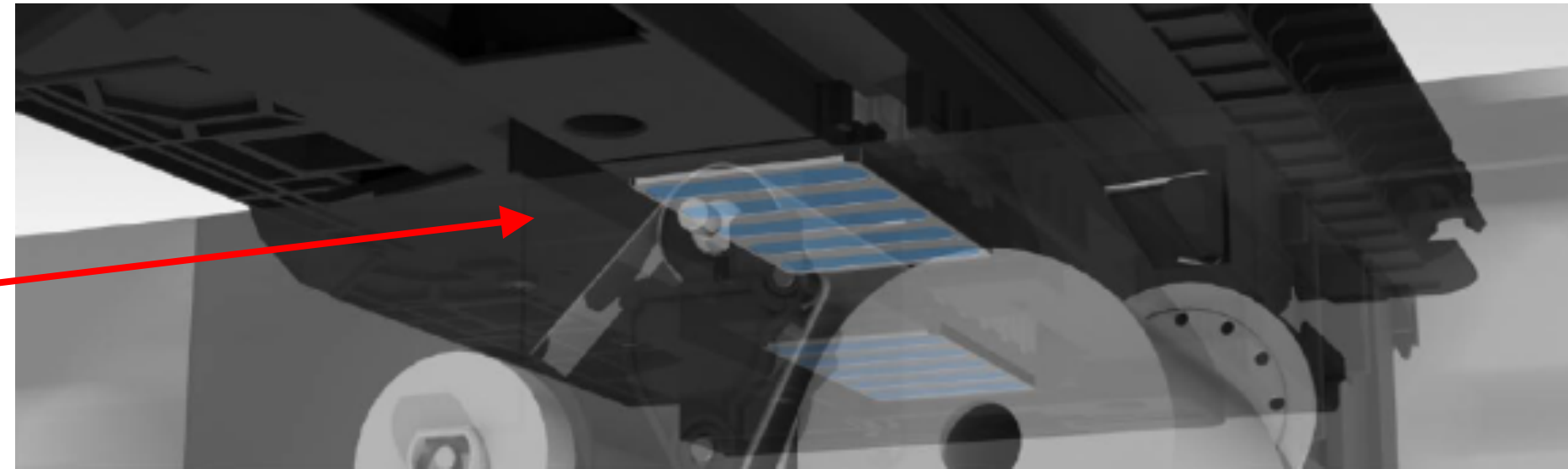
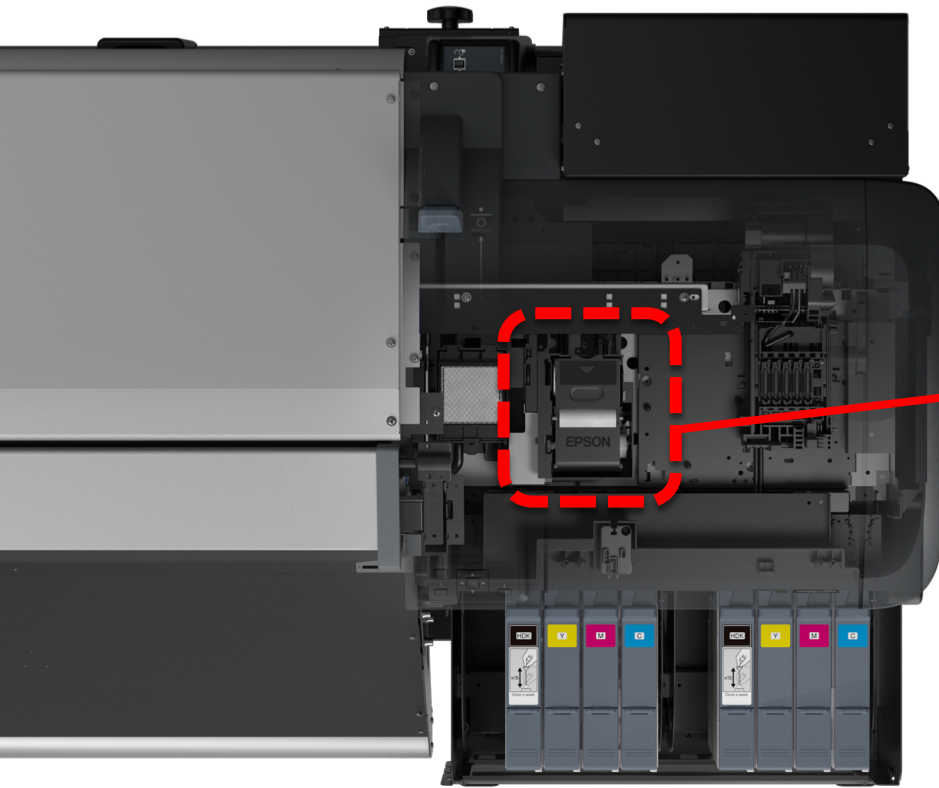
Dot placement is negatively affected
by air flow of head movement.

Precise dot placement is unaffected
by air flow of head movement.

The print head air-guard controls the airflow around the print head ensuring ink droplets are precisely placed on paper to produce smooth tones with minimal grain.



Epson Precision Dot delivers the best image quality with vibrant colors and smooth gradations by harmonizing three different dedicated technologies for dye-sublimation: Half Tone Module, LUT and Microweave



Fabric wiper

The fabric wiper automatically cleans the print heads and dust fiber catcher to ensure consistent print quality without user involvement – saving maintenance time and labor.



Epson UltraChrome® DS6 Ink

All New Fluorescent Ink Technology

EPSON®



Epson UltraChrome Dye-Sublimation Ink Technology

■ **Developed Specifically for the Epson PrecisionCore TFP Print Head**

- Significantly increases the overall print head life
- The SureColor F-Series printers are designed to be used exclusively with Epson UltraChrome DS inks and not with any other brands of cartridges or inks. Using Epson genuine ink is important for reliable performance and high image quality.

■ **Vibrant Inks**

- High efficiency ink formulated to achieve dramatic color intensity and high color contrast
- Superior overall image quality - both image definition and text sharpness are amazing
- Stable ink chemistry for consistent color quality with 2 year shelf

■ **Safety First**

- Epson UltraChrome DS ink is Eco Passport certified by Oeko-Tex. This is an international safety standard in the textile industry. It is certified to be safe for adults and children, including babies.
- Epson UltraChrome DS inks are AZO certified to be free of aryl amines

OEKO-TEX®

INSPIRING CONFIDENCE

ECO PASSPORT

NEP 1902 Nissenken

Textile and leather chemicals.

Tested and verified.

www.oeko-tex.com/ecopassport



Simple Ink Refill Packs

Less environmental impact versus standard plastic cartridges



Replaceable IC Chip

Available only with a refill pack

Purchased in Cartons Only

Helps to reduce your overall cost-per-ml
Colors sold individually in multipacks

High Capacity Ink Pack

1.1 Liter pack (CMYK)
1.0 Liter pack (Fy / Fp)

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT



NEP 1902 Nissenken
Textile chemicals. Tested and verified.
www.oeko-tex.com/ecopassport



Epson Dye-Sublimation Papers

High Performance Papers



■ **High performance Dye-sublimation papers**

- Four main paper types – standard multi-purpose, photo, textile adhesive, and production
- Multi-purpose is great for transferring onto mouse pads, t-shirts, ceramics, etc.
- Photo is specially designed for photo panels and other rigid substrates
- Textile-Adhesive is recommended for high-end fabric and apparel production
- Production is a lightweight paper ideal for roll-to-roll applications

■ **Enhanced dye transfer performance**

- Unique chemical coating technology allows for heavy ink loads with low cockling, superior clarity, and sharpness that only Epson can deliver
- Incredible high-transfer yield properties for amazing performance and productivity

■ **Competitively priced**

- Genuine Epson media developed for the SureColor F-Series printers to deliver high productivity, consistent print quality, and reduced operating costs.

	DS TRANSFER MULTIPURPOSE	DS TRANSFER PHOTO	DS TRANSFER ADHESIVE TEXTILE	DS TRANSFER PRODUCTION 75	DS TRANSFER PRODUCTION 63
Available Roll Width	17", 24", 44", 64"	17", 24", 44"	17", 24", 44", 64"	24", 42.5", 64"	17", 24", 44", 64"
Roll Length	300 ft	300 ft	350 ft	500 ft / 575 ft (44" / 64")	650 ft
Caliper (micron)	5.3 μ	4.6 μ	4.5 μ	3.5 μ	2.8 μ
Media Weight	105 gsm	87 gsm	100 gsm	75 gsm	63 gsm
Adhesive Tack?	No	No	Yes	No	No
Application	General Purpose	Rigid Materials	Fabric using Flatbed Heat Press	Fabric using Calendar Heat Press	Fabric using Calendar Heat Press



The Epson Rewards Program

A Loyalty Program for Using Genuine Epson Consumables

- **Epson customer loyalty program**
 - Get rewarded for purchasing genuine Epson consumables
- **Easy web-based sign-up process**
 - www.epson.com/SureColorRewards
 - Create your own personal account and start earning right away!
- **Simply buy genuine Epson consumables**
 - Look for the Epson Rewards sticker on Ink and Paper
 - Scratch-off the sticker to reveal the reward code and enter it on your account page
- **Accumulate points and use them for discounts on Epson products**
 - Use your points to purchase Extended Service Plans
 - Use your points for purchasing new printer models
 - The choice is up to you!





Warranty and Service Programs

Epson SureColor F9470 Series



- **Epson preferred limited warranty**

- On-site one year limited warranty
- Next business day on-site service
- Includes priority toll-free technical phone support available Monday through Friday

- **Everything is covered by Epson**

- You no longer have to worry about who to call when something goes wrong
- Epson handles all technical and break-fix support

- **Epson genuine ink and ink system user policy**

- Warranty Coverage for the print head and ink delivery system is terminated if the printer is ever used with new or refilled ink cartridges, inks or ink delivery systems other than the Epson UltraChrome DS system for which the printer was designed.

- **Optional extended 1-Year Epson *Preferred Plus* plan**

- Continue to enjoy Epson service coverage after the end of your warranty
- Stackable for up to 2 additional years for a total of 3 years of coverage



Printing Workflow Software

Epson SureColor F9470 Series



■ Robust printer control application software

- Real-time printer status and consumables monitoring
- Perform cleaning cycles and various maintenance cycles remotely
- Enables easy printer firmware updating

■ Epson EMX media configuration system

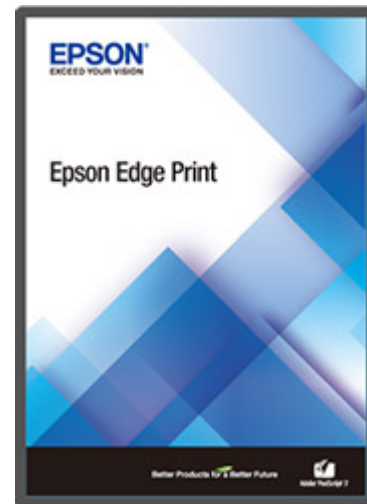
- Simple media configuration and setup through a single file - EMX
- Each EMX file contains all the printer settings (temperatures, platen gap, roller pressure, etc.) and color profile for a specific transfer media

■ Better customer service

- Edge Dashboard software can generate a report to send to Epson technical support with all relevant details about your printer to help diagnose and resolve any problems

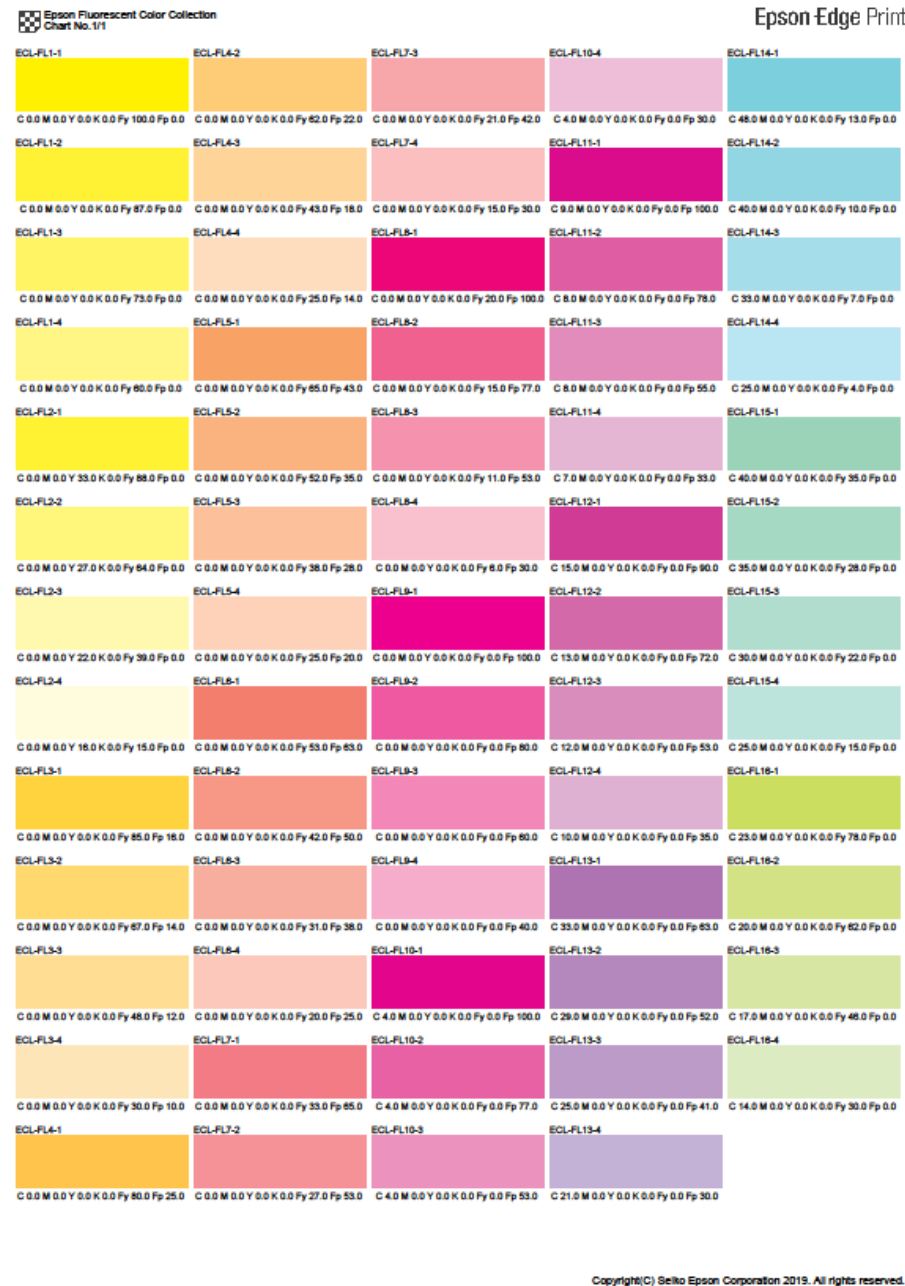
■ **SureColor F9470 Series Printers Come Standard with Epson Edge Print**

- Complete layout and printer management is standard
- Powerful color management technology easy to use and intuitive workflow
- Features an Adobe ® PostScript ® 3™ Engine for graphic file compatibility
- Equipped with tools specifically for digital textile printing such as step and repeat, spot color matching, and custom color library support.

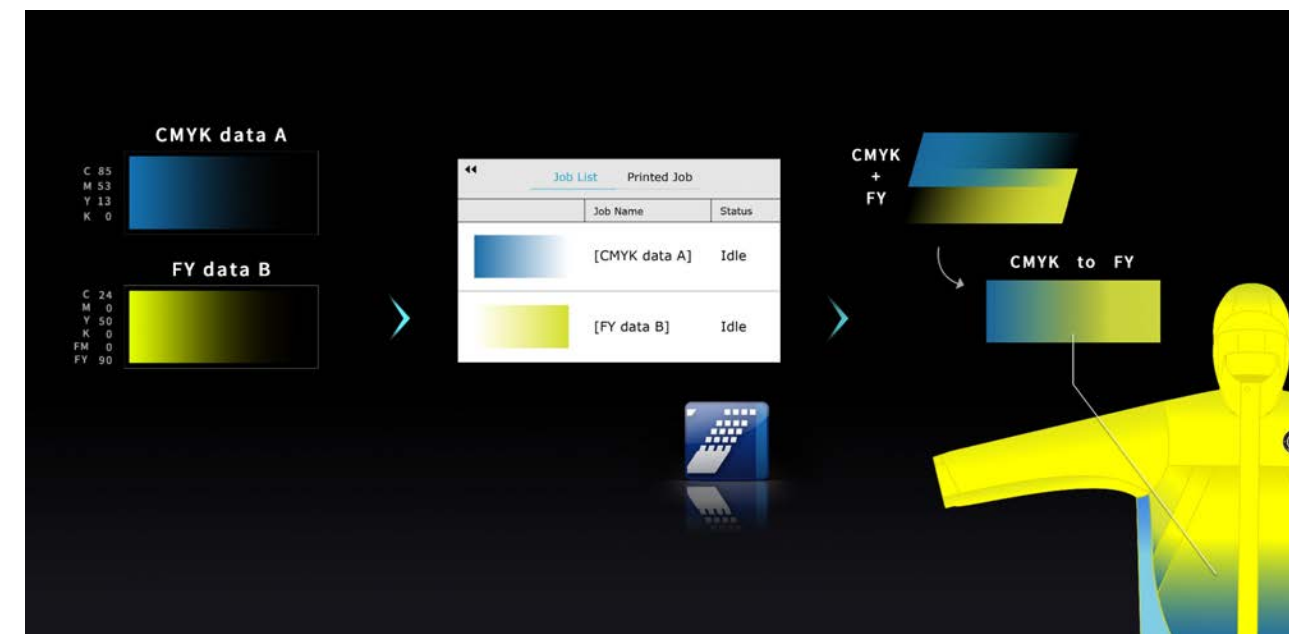


■ **Compatibility with Industry-Leading RIP's**

- Epson printers are compatible with the leading RIP workflow solutions



Ink Mode	Epson Edge Print Fluorescent Print Modes
4-Color (CMYK)	Color management of CMYK data; Fluorescent inks not utilized
4-Color (CMK + Fy)	Yellow print data replaced with Fluorescent Yellow ink
4-Color (CK + Fy + Fp)	Yellow and Magenta print data replaced with Fluorescent Yellow and Pink inks
6-Color (CMYK + Fy + Fp)	Color management of CMYK data and Fluorescent inks being handed in two ways: <ol style="list-style-type: none"> Named Spot colors using Epson Color Collection or Custom Library Multi Image Color Combine Function – CMYK image merged with separate fluorescent image file to create smooth gradations and color blending.



Epson Fluorescent Spot Color Collection

Color combine function merges CMYK image with Fluorescent image data for smooth gradients



Why Buy Epson?

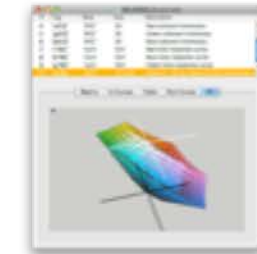
Epson SureColor F-Series

Complete Epson Genuine Solution

Total Turnkey Solution



Epson Edge Software
Adobe® Postscript® 3™



Epson ICC profiles



Dye-sublimation Ink



Epson DS Transfer Media



EPSON
Dye-sublimation
Solution



PRECISIONCORE



Epson PrecisionCore™ TFP
Next-generation print head technology



Epson SureColor F-Series Printer



Epson Service and Support

Epson Purpose-built Dye-Sublimation Solution
Delivering Outstanding Quality, Performance, and Reliability at an Exceptional Value

- **Industrial-level production speeds**

- Outstanding everyday production speeds
- Dramatically reduces the number of printers needed for full production capacity

- **Designed for high reliability**

- Print head and ink technology developed to work together for improved reliability
- Developed to be a dye-sublimation solution - not a 'hacked' Epson photo printer

- **High image quality**

- Epson UltraChrome DS and DS6 with Fluorescent Yellow and Pink inks produces amazing color with rich blacks
- Capable of producing brilliant color output with smooth tonal transitions

- **Low cost-of-ownership**

- Be more profitable with low initial printer costs and low operating costs

- **Completely supported by Epson**

- World class service and support directly from one source

reliable
production
&
industry
proven



Specifications are subject to change without notice

Print speeds for the SureColor F-Series 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.

The SureColor F-Series 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.

*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).

Epson, Epson UltraChrome, PrecisionCore, SureColor, and TFP are trademarks or registered trademarks and EPSON Exceed Your Vision is a registered logo mark of Seiko Epson Corp.

All other product brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights to these trademarks.

© Epson America, Inc. 2019 TC 12.30.19