



# Epson SureColor<sup>®</sup> S-Series

Professional 64-Inch Solvent Printer Line

Preliminary Product Presentation  
Specifications Subject to Change.



# Epson SureColor S40600

\$15,995 MSRP

Capable of producing reliable, high-quality output up to 215 ft<sup>2</sup> per hour, the SureColor S40600 could be the perfect entry-level sign printer.



<b>610</b> ft <sup>2</sup>	<b>215</b> ft <sup>2</sup>	<b>170</b> ft <sup>2</sup>	<b>170</b> ft <sup>2</sup>	<b>140</b> ft <sup>2</sup>
Draft	Banner Production	Banner Quality	Vinyl Production	Vinyl Quality

# Epson SureColor S60600

\$22,995 MSRP

Capable of producing reliable, high-quality output up to 550 ft<sup>2</sup> per hour, the SureColor S60600 is one of the fastest sign printer in it's price class.



<b>1,020</b> ft <sup>2</sup>	<b>550</b> ft <sup>2</sup>	<b>310</b> ft <sup>2</sup>	<b>310</b> ft <sup>2</sup>	<b>190</b> ft <sup>2</sup>
Draft	Banner Production	Banner Quality	Vinyl Production	Vinyl Quality

# Epson SureColor S80600 - Coming Soon

\$24,995 MSRP

Capable of producing reliable, photographic-quality output up to 290 ft<sup>2</sup> per hour, the SureColor S80600 represents the finest print quality in the industry.





# Epson Solvent Ink Technology

Epson UltraChrome® GS3

**Please Note:**

For greater reliability, the Epson SureColor S-Series family of printers are designed exclusively for use with Epson ink cartridges.<sup>1</sup>





## ■ Fourth-Generation Solvent Ink Chemistry from Epson

- Improved outdoor durability
- Extremely fast drying
- Superior media compatibility
- No special ventilation or air purification required<sup>2</sup>
- Meets the chemical requirements of the Nordic Ecolabel (Nordic Swan)

## ■ Newly Developed Red Ink Technology

- Unique Red solvent ink for significant color gamut improvements
- Capable of producing outstanding red shades for typical signage applications

## ■ Superior Print Head Reliability

- Developed in partnership with the PrecisionCore<sup>®</sup> TFP print head for better reliability

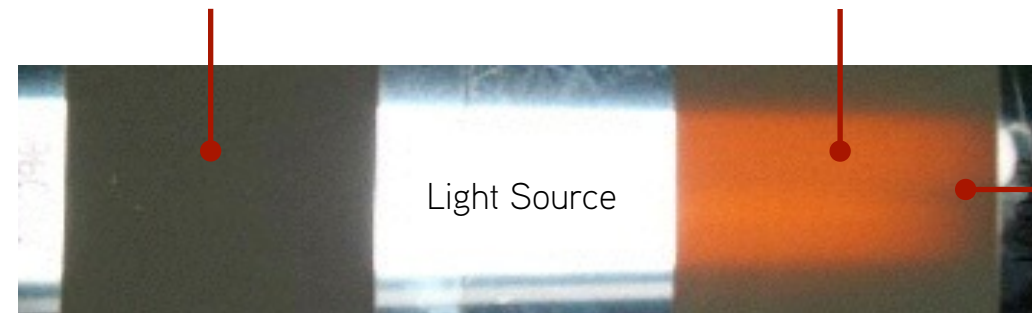


## ■ Optional White Ink for the SureColor S80600

- Higher opacity than previous generation solvent-based white inks
- Very fast dry times allowing for print speeds up to TBD ft<sup>2</sup> per hour
- Patented formulation to reduce ink sedimentation and dry-out
- Built-in automatic printer ink circulation system for reduced user maintenance

**Epson UltraChrome**  
Transmittance of Light 1.8%

**Typical Competitor**  
Transmittance of Light 7.0%



1,440 x 720 dpi  
Maximum Duty

1,440 x 720 dpi  
Maximum Duty

White Ink Printed on  
LINTEC E1000ZC  
Epson Testing Labs



## ■ Optional Metallic Ink for the SureColor S80600

- Small Particle Aluminum Technology - as small as 1.0  $\mu m$
- Capable of printing up to twice the speed as other metallic inks - up to TBD ft<sup>2</sup>/hr
- High water resistance for extreme reflective metallic levels
- Low viscosity technology to improve the accuracy of dot placement
- Can be mixed with other colors to create an unlimited number of metallic shades
- Built-in automatic ink circulation system for reduced user maintenance
- Fully supported by the included ONYX GammaPrint Pro RIP



	Full Color	Full Color with Orange & Red	White	Metallic Silver
<b>Epson SureColor S40600</b>	Up to 3 Years	N.A.	N.A.	N.A.
<b>Epson SureColor S60600</b>	Up to 3 Years	N.A.	N.A.	N.A.
<b>Epson SureColor S80600</b>	Up to 3 Years	In Testing	Up to 1 Year	In Testing

**NOTES:**

Test results based upon Epson Testing Labs using the ISO 18930 print durability standard.

**All print results are based upon un-laminated prints printed on adhesive backed vinyl.**

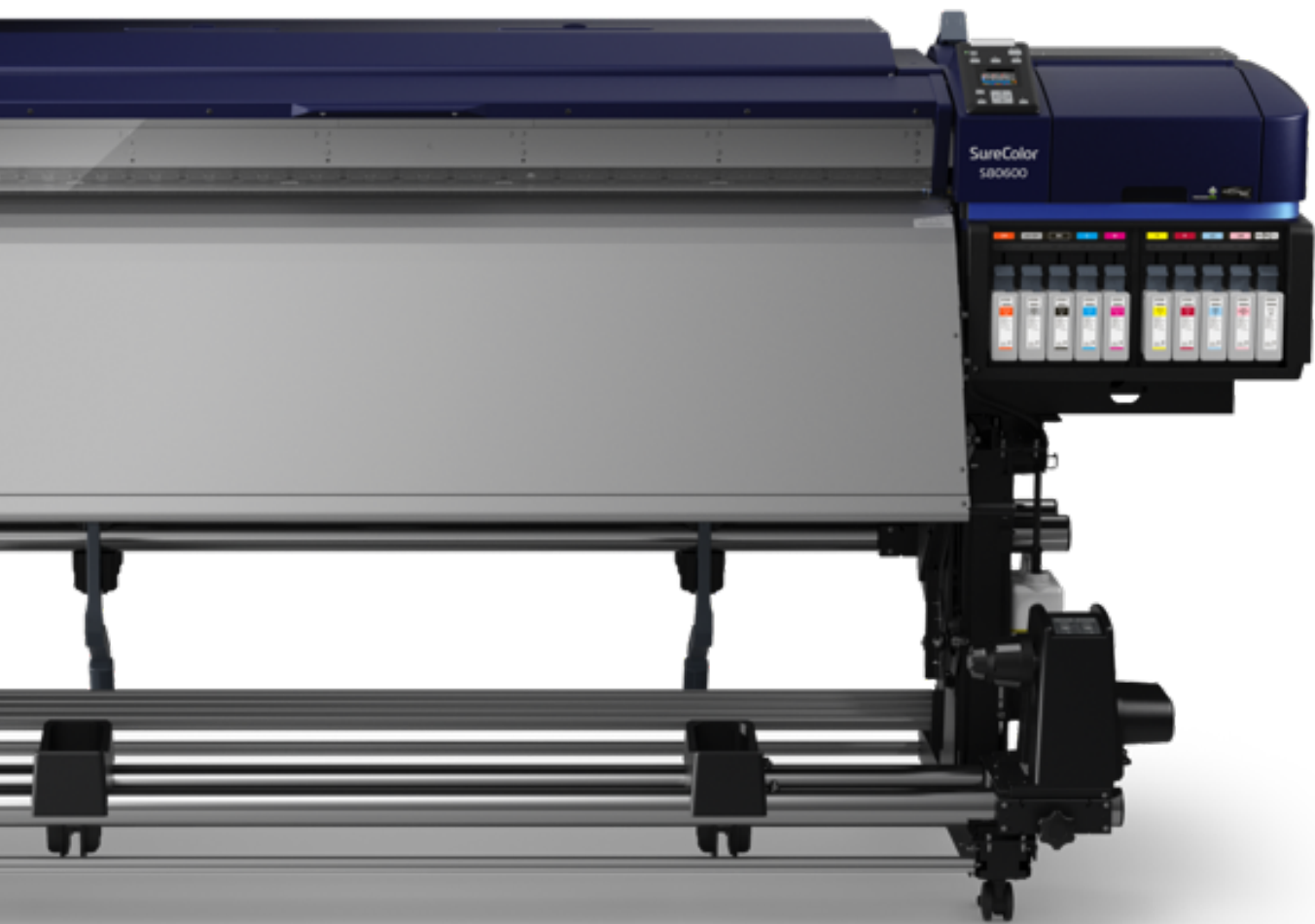
White ink results judged by the gloss level reduction thresholds per ISO 18930 standards.

Durability numbers above are estimates of maximum image permanence.

Your actual results may vary depending upon media type used, environmental display conditions and other factors.

**Epson does not warrant durability.**

**Please visit 3M and Avery web sites for laminated durability claims using their warranty programs.**



# Epson PrecisionCore® TFP® Print Head

Our Most Advanced Print Head Technology



EPSON®

## ■ All-New High-Density Print Chip Core

- Advanced Thin Film Piezo (TFP) print chip core is only 1/1,000 mm thin
- Precision dot control for extreme print clarity and sharpness
- By utilizing more advanced piezo materials, a higher-level of print head durability is achieved

## ■ High-Precision MEMS Manufacturing Process

- Based on the Micro-Electro-Mechanical Systems process for an unparalleled level of manufacturing efficiency for consistent production quality

## ■ Outstanding Ink Flexibility

- The PrecisionCore print chip is capable of printing with a wide-range of ink types

## ■ Scalable Print Performance

- The PrecisionCore chip, delivers commercial-grade performance in a compact, modular form, and enables Epson to scale the technology, from single-pass industrial presses, to professional and consumer printers.



## ■ High-Performance Photographic Solvent Imaging

- Capable of print resolutions up to 1,440 x 1,440 dpi
- True 720 dpi per color channel per single print pass
- Enhanced Variable Droplet Technology as small as 4.2 picoliter

## ■ Epson Precision Dot™

- Newly developed screening technology produces outstanding print clarity
- Unique micro-weave technology provides high-speed printing with minimal banding

## ■ Designed for Solvent Ink Technology

- The SureColor S-Series PrecisionCore print heads have been developed to meet the high demands of a production environment. A robust head carriage allows for more protection from potential head strikes, allowing for increased production with less downtime.

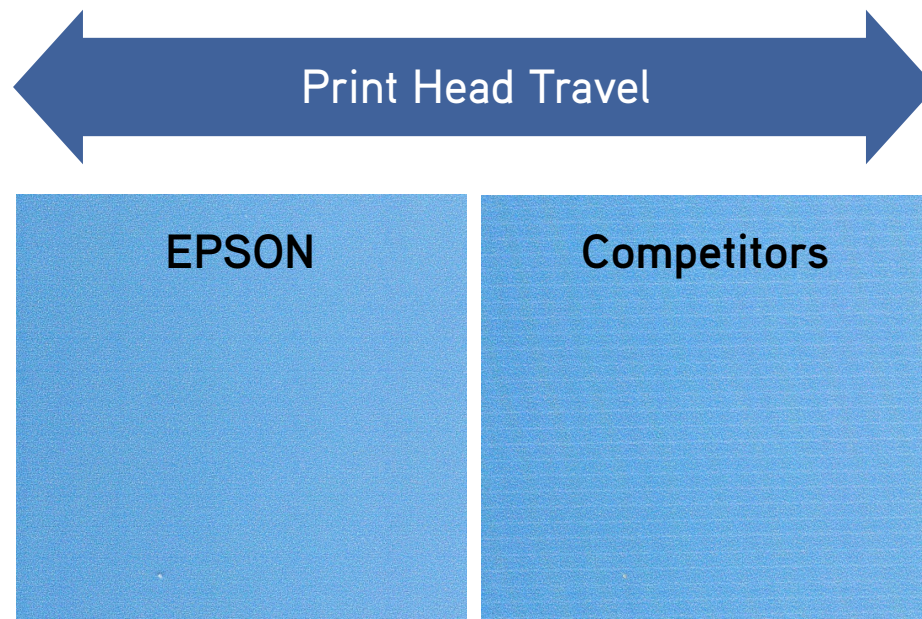






# Key Printer Technology

Epson SureColor S-Series



Scans of Actual Print Samples on Adhesive Vinyl Shown Above

## ■ Significantly Reduced Media Feed Error

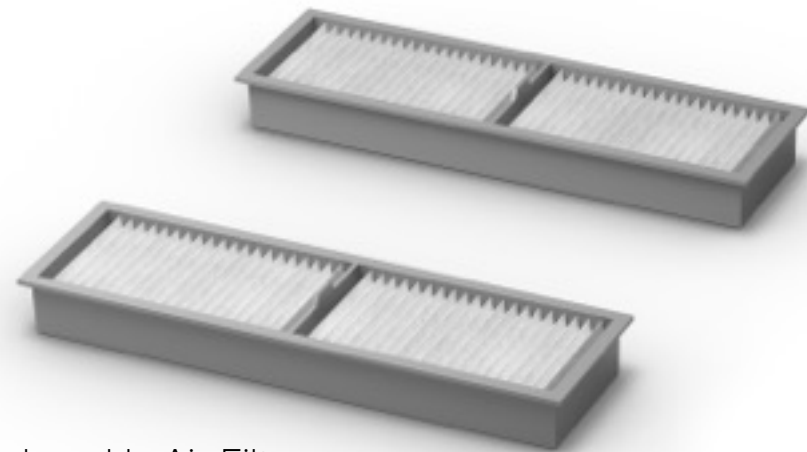
- Commercial-grade printer stand and media support system
- Forty individual media feed rollers with five independent pinch rollers for extremely precise media feed control
- Sharper media path virtually eliminates media skewing and buckling
- Outstanding media take-up precision ensures tight and accurately finished rolls

## ■ Sensor-Based Auto Media Tension Control

- Media feeding system is fully motorized for take-in and take-up
- Printer automatically controls the media tension and motor strength depending upon the remaining media and weight
- The “Auto Media Adjust” feature allows for easy set up of feed adjustments and head alignments with the touch of a button

## ■ Automated Maintenance Technology

- User-Replaceable fabric wiping system automatically cleans the print head surface and surrounding area allowing for more reliable continuous printing
- User-Replaceable air filters remove internal contaminants like dust and even ink mist
- Unique internal air filtration system cleans the air internally and moves it out the rear of the printer - blowing any dust off the roll feed before media enters the printer



Replaceable Air Filters



Replaceable  
Print Head Fabric Wiper

## ■ Less Manual User Maintenance

- Depending upon usage, manual maintenance has been reduced to once per month
- New manual maintenance process requires less than ten minutes to complete
- Printer automatically warns the operator when filter replacements are required



## Included Software Solutions





## ■ Extremely Easy to Use

- Simple tools for sizing, cropping, tiling, and nesting
- Easy workflow for printer operations - including a full RIP-queue
- Built-in ability to add and recalibrate media

## ■ Professional Print Quality

- Epson provides profiles for the top-selling solvent media
- True PANTONE® Spot Color matching
- Custom metallic spot color library (SureColor S80600 only)
- Ability to print White or Metallic out of the box

## ■ Upgradeable

- As users grow, they can upgrade to a higher-end ONYX RIP solutions
- Add-on support for ONYX Cut Server - \$495



## ■ Robust Printer Control Application Software

- Realtime printer status and consumables monitoring
- Perform cleaning cycles and various maintenance cycles remotely
- Allows for easy printer firmware status and 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 media
- Epson will provide hundreds of EMX files for free via download within both Epson Control Dashboard and ONYX GamaPrint Pro RIP interface


## ■ Better Customer Service

- Control Dashboard software can automatically send Epson Technical Support all relevant details about your printer to help diagnose and resolve any problems



Epson EMX files can automate the media setup process to a few minutes

# Epson Control Dashboard

 EPSON SC-S60600 Series  
Ready



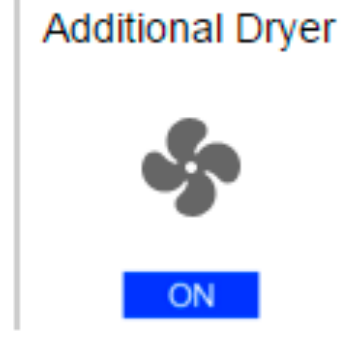
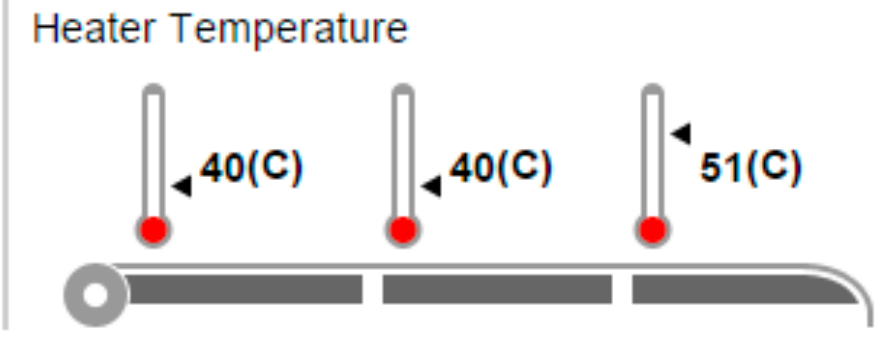
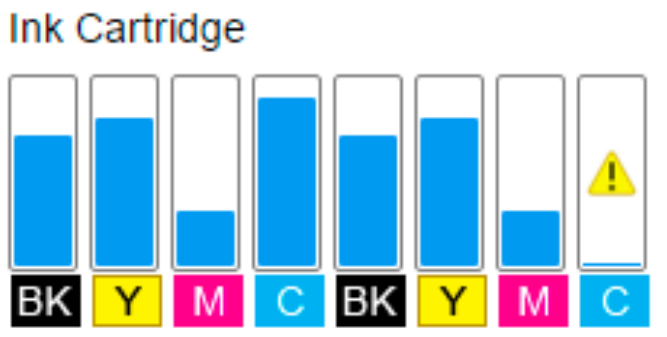
Name : EPSON SC-S60600 Series  
Model : SC-S60600 Series  
IP Address : 172.22.140.12  
Serial Number : 4620000018  
Firmware Version : HA028F7,1.08

 Ready

Ink low Warning [Detail](#)

Current Media : [#17] ULTRAFLEX MATTE

**PG** Platen Gap : 2.0    **W** Width : 63 inch    **L** Remained Length : 38 ft.



Media Settings

Print Nozzle Check Pattern

Head Cleaning

Start Pre-Heating

Firmware Update

Export Printer Status Data

Back



## Media Partnerships

Partnering with the World's Best Media Companies

**ULTRAFLEX**  
SYSTEMS INCORPORATED



**EPSON®**



■ **Partnering with the World’s Best Media Companies**

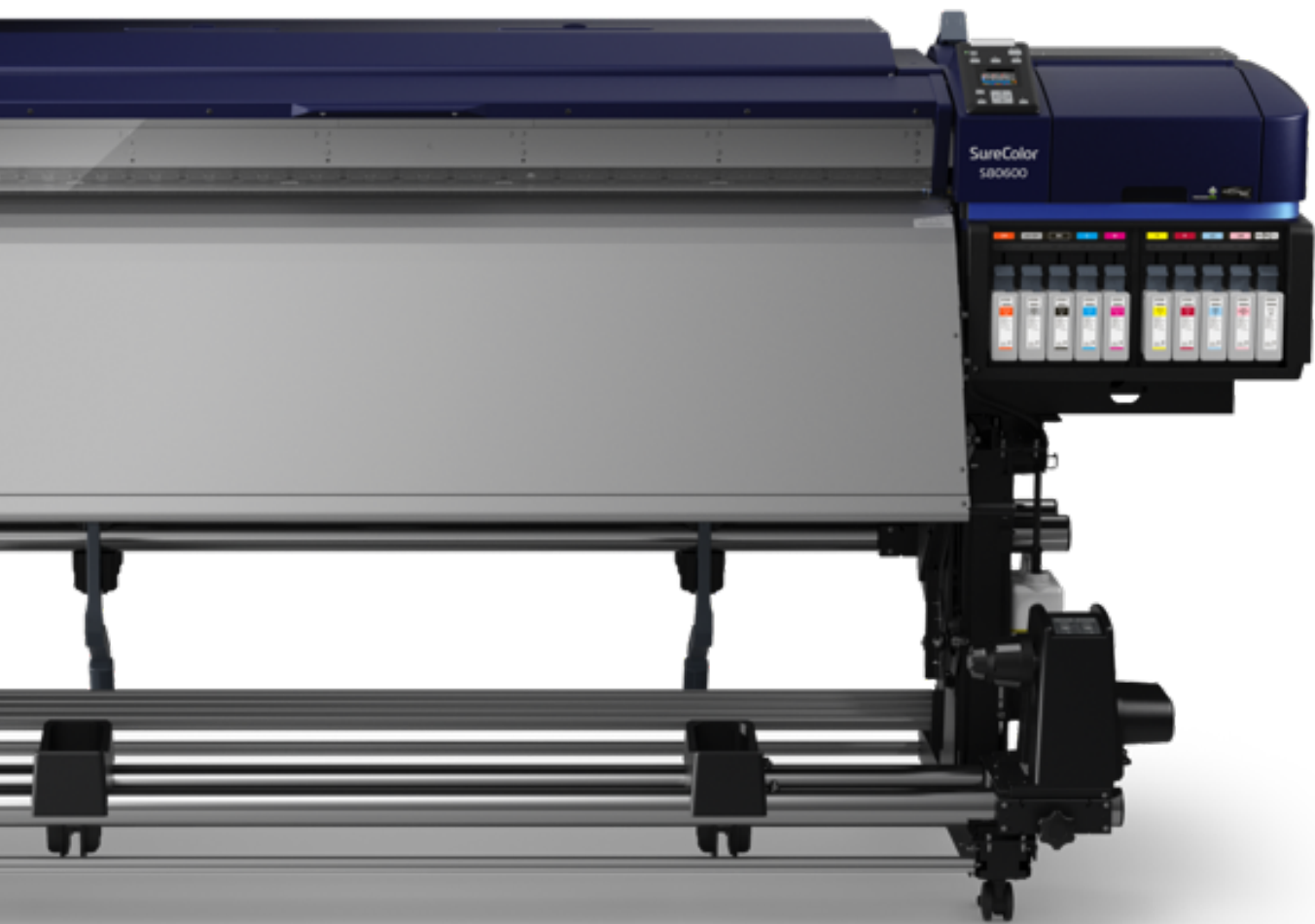
- 3M, Avery, UltraFlex, and more
- Epson will provide free ICC profiles for these companies’ top media lines

■ **Unique Epson Genuine Solvent Media Line**

- Epson GS Canvas Gloss; Epson GS Canvas Satin, Epson GS Production Canvas
- Epson GS Poster Paper Gloss
- Epson DisplayTrans™ GS



Media Partner Program	SC-S40600	SC-S60600	SC-S80600
<b>3M Performance Guarantee</b> <sup>4</sup>	Yes	Yes	In Testing
<b>3M MCS Warranty</b> <sup>4</sup>	In Testing	In Testing	In Testing
<b>Avery ICS Warranty</b> <sup>4</sup>	3 Years	3 Years	In Testing



## Warranty & Service Programs

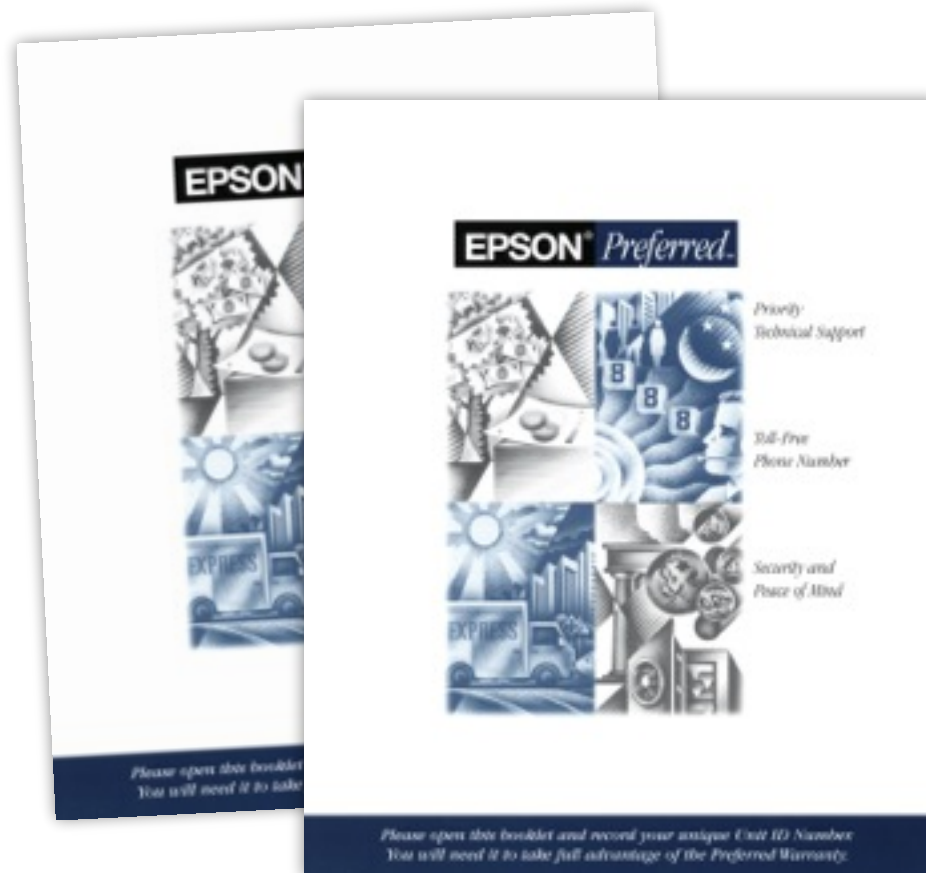
## ■ Standard 1-Year Epson Preferred<sup>SM</sup> Limited Warranty

- Free technical support Monday thru Friday
- If required, usually next-day on-site service
- Covers the printer, genuine Epson optional accessories, and software

## ■ Optional 1-Year Epson Preferred Plus Service Extension

- Extends Epson coverage when the standard limited in-box warranty ends
- Includes up to three on-site visits and two print head replacements per year
- Can be purchased at any time while still under an Epson Preferred Limited Warranty
- Provides up to 3-years of complete coverage from Epson

Limitations apply. See service program for details.





# Appendix

Product Line Comparison

Ink Pricing

Epson Part Numbers & Descriptions

Legal Footnotes



	EPSON SURECOLOR S40600	EPSON SURECOLOR S60600	EPSON SURECOLOR S80600
Maximum Printer Width	64-Inch	64-Inch	64-Inch
Print Head Configuration	PrecisionCore TFP	Dual-Array PrecisionCore TFP	Dual-Array PrecisionCore TFP
Print Speed - Banner Production	215 ft <sup>2</sup> /hr	550 ft <sup>2</sup> /hr	TBD ft <sup>2</sup> /hr
Print Speed - Vinyl Production	170 ft <sup>2</sup> /hr	310 ft <sup>2</sup> /hr	TBD ft <sup>2</sup> /hr
Solvent Ink Technology	Epson UltraChrome GS3	Epson UltraChrome GS3	Epson UltraChrome GS3
Maximum Color Configuration	4-Color	4-Color	10-Color
Color Configuration - Standard	C M Y K	C M Y K + C M Y K	C M Y K Lc Lm Lk Or R
Color Configuration - Optional	N.A.	N.A.	C M Y K Lc Lm Lk Or R + White or Silver
On-Board Ink Capacity for Color	700 ml x 4	700 ml x 8	700 ml x 9
On-Board Ink Capacity for White	N.A.	N.A.	600 ml x 1
On-Board Ink Capacity for Metallic Silver	N.A.	N.A.	350 ml x 1
Platen Gap Settings	1.5 mm / 2.0 mm / 2.5mm	1.5 mm / 2.0 mm / 2.5mm	1.5 mm / 2.0 mm / 2.5mm
Three Stage Media Heating System - Pre, Platen, Post	Off or 30 to 55 degrees Celsius	Off or 30 to 55 degrees Celsius	Off or 30 to 55 degrees Celsius
Additional High-Speed Print Dryer	Optional	Standard	Optional
Standard Connectivity	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet
Included Software RIP	ONYX GamaPrint Pro	ONYX GamaPrint Pro	ONYX GamaPrint Pro
Standard Limited Warranty + Standard Extended Service Contract	1-Year On-Site	1-Year On-Site	1-Year On-Site
Printer - MSRP	\$15,995	\$22,995	\$24,995
Printer - STREET	<b>\$14,995</b>	<b>\$20,995</b>	<b>\$22,995</b>

This Color Represents a Significant Difference

	<b>SURECOLOR S40600</b>	<b>SURECOLOR S60600</b>	<b>SURECOLOR S80600</b>
<b>MSRP - Color Ink Cartridge (700 ml)</b>	\$174.95 (\$0.25 ml)	\$174.95 (\$0.25 ml)	\$174.95 (\$0.25 ml)
<b>MSRP - White Ink Cartridge (600 ml)</b>	N.A.	N.A.	\$229.95 (\$0.38 ml)
<b>MSRP - Metallic Silver Ink Cartridge (350 ml)</b>	N.A.	N.A.	\$249.95 (\$0.71 ml)

**NOTES:**

Pricing shown as MSRP. Actual dealer pricing may vary.

The per ml ink cost shown is a simple estimate derived from MSRP divided by cartridge fill volume. This estimate does not necessarily reflect the actual cost of ink for a particular print, which can vary considerably based on image printed, print settings, paper type, frequency of use and temperature.

For print quality, a variable amount of ink remains in the cartridge after the “Replace Cartridge” indicator comes on.

**For questions or the latest pricing, see an Authorized Epson Reseller.**



## Footnote Definitions

**1** - The printer is designed to use only EPSON ink cartridges and not other brands of new or refilled cartridges, or other brands of ink or bulk ink systems. Using EPSON cartridges is important for reliable performance and high image quality.

Epson offers voluntary recycling of spent ink cartridges.

**2** - Based on testing of one printer in a room of 180 m<sup>3</sup> and a ventilation coefficient of 2.2 (without any fan or air conditioning).

For more information, see the MSDS sheets at [www.proimaging.epson.com](http://www.proimaging.epson.com)

**3** - The print head is a maintenance part which the user is responsible to replace when necessary. However, Epson covers head replacement while the printer is under the Epson Preferred Limited Warranty and under any Preferred Plus Plan (limited or unlimited number of head replacements, depending on the Preferred Plus Plan purchased). The life of the print head will vary depending on the user's print volume, print patterns and heater temperature for print settings. Doing proper user maintenance of the print head will help prolong its life.

**4** - Epson does not warrant print durability. Please visit contact your media manufacture for print durability information with Epson printers and inks.

All stated cartridge volumes are fill volumes.



**Specifications are Subject to Change Without Notice**

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