

# Epson Proofing Edition Series

POWERED BY EFI®





We've put it all on the table  
to bring you the best proofing  
solution available today.

When Epson America and EFI joined forces to develop a next-generation proofing solution, we knew something great was about to happen. After all, two innovators within the printing industry were combining resources for the first time, dedicating ourselves to one goal — to create the most powerful and complete digital proofing solution available.

#### Introducing the Epson Proofing Edition Series

Redefining the way contract-quality proofing is produced, our latest generation delivers unsurpassed color accuracy, along with production speeds to meet virtually any proofing requirement — commercial or flexo.

It's what you get when two great companies go "**all in**" — and all out — to redefine contract proofing.

**EPSON**  
EXCEED YOUR VISION

**efi** print to win.



# THE NEW EPSON STYLUS® PRO 7900 AND 9900 PROOFING EDITIONS

Powered by the All-New EFI Colorproof XF RIP for Epson

## 12 Reasons Why Our Latest Proofing Solution Will Change Your Business

### 1 Extreme Color Accuracy

With the wide color gamut of Epson UltraChrome® HDR ink technology, EFI has optimized the entire color management system, while utilizing our unique Orange and Green inks. The result? Quite possibly the most color-accurate RIP ever developed for an Epson Stylus Pro printer.

### 2 Intelligent Color Calibration

Taking full advantage of the optional in-line spectrophotometer – Epson SpectroProofer™, EFI automatically checks both printer linearization and ink limiting to ensure consistent color performance over time. Regardless of changes in printer ink, media or environment, EFI can quickly bring your printer back into color specification automatically.

### 3 Automatic Color Optimization with 3CC

Everyone knows how powerful the latest in Three-dimensional Color Correction files can be. But creating and maintaining them can take days of expensive personnel time. EFI has not only perfected the math behind 3CC files, but has made their creation completely automatic. With just a few simple clicks, Epson SpectroProofer will aggressively color-optimize any workflow, reducing the overall Delta-E to levels of color accuracy previously not possible.

### 4 Automatic Proof Verification Even for Spot Colors!

With Epson SpectroProofer, EFI has automated the individual proof verification process. Not only can you verify every proof using up to two different industry standard color charts, but with EFI DynamicWedge™ technology, one of the verification bars can be automatically created using the exact colors within the file itself. And, with Automatic Proof Verification Labeling printed right on the proof, verifying 100% of your proofs is now a reality.

### 5 Enhanced Spot Color Simulation

Even for challenging spot colors, EFI has designed a new spot color management system, which automatically identifies the ideal output values to provide dead-on spot color accuracy. And, with complete support for custom spot colors, including transparencies and gradation curves, the most demanding spot color jobs can be proofed accurately.

### 6 Handles Virtually Every File Format Even OneBit TIFF

Regardless of the workflow you're using today, as your client's needs change, you can rest assured your proofing system will handle it. From the standard TIFF, EPS and PS, to the latest in PDF and JDF workflows, EFI has complete compatibility. And, with EFI's standard OneBit TIFF support, you can produce reliable, high-quality screen proofs that are truer to your final press sheet.

### 7 Faster Processing Times

By fully utilizing multiple processor technologies throughout the RIP workflow, EFI has dramatically improved the overall time it takes to process and print complex files. And, when combined with our latest Epson Stylus Pro 900 Series printers, overall proof productivity is greatly improved.

### 8 Epson Professional Proofing Media Already Installed

Trying to calibrate a new proofing media to exacting standards is expensive. That's why Epson and EFI have already calibrated our entire line of media. Just select the Epson proofing media that matches your proofing requirements and optimize. Never before has high-level proofing been this simple.

### 9 Easy to Use

To create a true workflow-based RIP, we've simplified the entire RIP interface. Setup and maintenance of multiple workflows have been streamlined. Every interface feature is logically laid out for quick, error-free adjustments. And, we've developed both the server and client software compatible with the latest operating systems, including Windows® 2003 and Windows 2008 Server, Windows XP, Windows Vista®, and even Apple® Macintosh® OS 10.5.

### 10 Multi-Core Adobe® PostScript® 3 and Adobe PDF Print Engine 2.0 Technologies

EFI has taken full advantage of the latest print engine technologies from Adobe. Not only can you simultaneously process up to four separate files using PostScript 3, for more complex variable data and spot color workflows, you can switch to Adobe PDF Print Engine 2.0 at any time, "Future Proofing" your investment.

### 11 Powerful Color Adjustment Technology

In the unlikely event the automated color management and optimization technologies don't match your press sheet, rest assured you still have powerful Plate Curve and Visual Compensation color adjustments to fine tune the color any way you wish.

### 12 World-Class Service and Support by Epson

Using our award-winning support teams, you never have to worry about whom to call when you run into trouble. Whether you're having a problem with your RIP installation, setup, or the printer itself, one call is all it takes. And it's all covered free under our standard one-year Epson Preferred™ Protection Plan.



## Industry Leading Technology By Epson

### Epson UltraChrome HDR Ink

Using our all-new Orange and Green inks, proofing commercial print work, even with multiple spot colors, is now even more accurate. And because of the extreme color gamut, flexographic proofing can now be accurately produced, dramatically lowering your total proofing expenses.



### Epson MicroPiezo® TFP™ Print Head

It's quite possibly the most advanced ink jet print head ever developed – about twice as fast as our previous generation, while producing much higher resolution proofs. You've never seen type and line art proofed so accurately.



### Epson SpectroProofer™

Designed in cooperation with X-Rite, the optional Epson SpectroProofer in-line spectro can automate virtually any color management process in your workflow. And, we've worked closely with EFI to ensure it's fully supported throughout the color management system.

### What Does the Epson Proofing Edition Include?

- Epson Stylus Pro 900 Series printers
- EFI Color Manager
- EFI Color Verifier
- EFI Spot Color Manager
- EFI DynamicWedge
- Both Multi-Core Adobe PostScript 3 and Adobe PDF Print Engine 2.0
- EFI OneBit TIFF support
- Based upon EFI RIP Version 4.0



### Rethink Commercial and Flexographic Proofing

- Extreme color gamut makes it possible to hit spot and client-specific colors accurately
- Superior color consistency, proof after proof, day after day
- Compatible with proofing media up to 28 pt. or 1.5 mm thick
- Legendary Epson durability for virtually maintenance-free proofing 24/7

- Capable of managing higher proofing volumes for increased productivity
- Capable of proofing almost any printing method – even package and label printing

**More than any other, the Epson Stylus Pro printer lines are used throughout the printing industry for mission-critical color proofing.**



## The Best Media Line in the Industry

Meeting the unique needs of both commercial and flexo proofing, Epson has developed the widest range of proofing media in the industry.

Designed to meet exacting standards, each media family is manufactured to the strict tolerances required for color-critical contract proofing workflows. And, because Epson manufactures a

proofing paper that best matches your actual press stock, you're better assured the final proof will meet your client's expectations.

Whether you're meeting the needs of commercial proofing or even the unique requirements of flexographic proofing, Epson provides a consistent and reliable media workflow for all your proofing requirements.

## Epson Professional Proofing Media – Standards and Industry Media Compatibility Matrix

EPSON MEDIA IDEAL FOR:	GRACoL® Grade 1	SWOP® Grade 3	SWOP Grade 5	Commercial	Publication	Packaging	Overlays	Progressives
Standard Proofing Paper 205/240	⊗			⊗	⊗			
Standard Proofing Paper—Adhesive	⊗			⊗	⊗	⊗		
Standard Proofing Paper—SWOP 3		⊗		⊗	⊗			
Proofing Paper Publication			⊗	⊗	⊗			
Proofing Paper Commercial				⊗	⊗			
Proofing Paper White Semimatte				⊗	⊗			
CrystalClear™ Film						⊗	⊗	⊗
Carolina Cover CIS 18 Point						⊗		
Tango Blanks CIS 18 Point						⊗		

⊗ = Certified    ⊗ = Also Recommended



SWOP® GRACoL®

For more information about SWOP, GRACoL, and the IDEA Alliance® standards and how Epson papers meet those standards, visit:

[idealliance.org](http://idealliance.org) | [swop.org](http://swop.org) | [gracol.org](http://gracol.org)



# Epson Proofing Edition Specifications

## Base Technologies

The Epson Proofing Edition Series is based upon the standard Epson Stylus Pro 7900 (24") and 9900 (44") printers. See the product brochure for these models for more details. The RIP is an Epson modified version of the Colorproof XF version 4.0 platform developed by EFI

## Print Head and Ink Technology

Advanced MicroPiezo TFP print head  
with ink repelling coating technology  
10-channel, drop-on-demand, ink jet print head  
11-cartridge (O, G, C, Lc, VM, VLM, Y, Lk, LLk + PK or MK)  
Auto head alignment and cleaning technology  
Auto sharing black ink channel  
Epson UltraChrome HDR Ink technology  
Professional-level pigment-based ink technology

## EFI Server System Requirements

Processor 2 GHz Intel® Core 2 Duo or better  
Memory 4GB  
Hard Disk (C:) 500GB (a fast 1 TB drive recommended)  
OS Windows XP or Windows Vista (32-bit) or optionally Windows 2003/2008 Server or Macintosh OS 10.5.x

## EFI Client System Requirements

Windows XP and Vista (both 32-bit only)  
Macintosh 10.5.x or later

## Epson SpectroProofer (24/44)

Carriage mechanism 24" or 44" wide  
Spectrophotometer X-Rite ILS20EP  
Measurement accuracy Below 0.50 dE94  
Minimum patch size 7 mm x 15 mm  
Measurement time 15 patches per second  
UV handling UV and UV-cut versions available (at time of order)  
Backing color White and black backing plates included  
Media thickness Up to 18 point (0.45 mm)  
Temperature sensor Both internal/external temperature readings

## Print Engine Speed®

16" x 20" prints from 2:53 to 7:14 — Normal is 3:47  
20" x 30" prints from 5:03 to 12:52 — Normal is 6:39  
40" x 60" prints from 15:26 to 40:05 — Normal is 24:20

## What's In The Box?

Epson Stylus Pro 7900 or 9900 printer, EFI Colorproof XF 4.0 RIP for Epson, full set of 110 ml ink cartridges, one 24" roll of Epson Standard Proofing Paper 240, power cables, printer documentation.

## Dimensions

7900 54" (W) x 27" (D) x 48" (H)  
Weight: 187 lb  
9900 74" (W) x 27" (D) x 48" (H)  
Weight: 256 lb

Dimensions and weight include printer stand

## Product Description

Epson Stylus Pro 7900 Proofing Edition  
Epson Stylus Pro 9900 Proofing Edition

## Part Numbers

SP7900EFI  
SP9900EFI

Additional Proofing Edition Printer License		PEX900EAC
Epson SpectroProofer 24"	(7900)	SPECTRO24
Epson SpectroProofer 24" UV	(7900)	SPECTRO24UV
Epson SpectroProofer 44"	(9900)	SPECTRO44
Epson SpectroProofer 44" UV	(9900)	SPECTRO44UV
Additional Roll Media Adapters — Pair		C12C811241
Replacement Printer Cutter Blade		C12C815331
Replacement Ink Maintenance Tank		C12C890191
Automatic Take-up Reel System (9900)		C12C815321
Replacement 44" Take-up Reel Core (9900)		C815121

Additional One-year Epson Preferred Plus Service EPP900B1  
Additional Two-year Epson Preferred Plus Service EPP900B2

Epson UltraChrome HDR Ink <sup>A</sup>	(350 ml)	(700 ml)
Photo Black	T596100	T636100
Cyan	T596200	T636200
Vivid Magenta	T596300	T636300
Yellow	T596400	T636400
Light Cyan	T596500	T636500
Vivid Light Magenta	T596600	T636600
Light Black	T596700	T636700
Matte Black	T596800	T636800
Light Light Black	T596900	T636900
Orange	T596A00	T636A00
Green	T596B00	T636B00

A Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. A variable amount of ink remains in the cartridge after the "replace cartridge" signal. Part of the ink from the first cartridges is used for priming the printer. Ink is used for both printing and print head maintenance. All inks are used for both black and color printing. Ink cartridge sizes are expressed as a fill volume. For more information about cartridges see [www.epson.com/cartridgeinfo](http://www.epson.com/cartridgeinfo)

B Based upon print engine speed only. Total throughput times depend upon front-end RIP setting, file size, printer resolution, ink coverage, networking, etc. Normal Mode is 1440 x 1440dpi

For more details, visit our website at:  
[www.proimaging.epson.com](http://www.proimaging.epson.com)

## Better Products for a Better Future™

For more information on Epson's environmental programs, go to [www.epson.com/environment](http://www.epson.com/environment)



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