



SWOP® OFF-PRESS PROOF APPLICATIONS DATA SHEET
Fujifilm FinalProof Luxel 5600 / FinalProof GXT Luxel 5600

The SWOP® Review Committee has approved the use of off-press proofs as input material to publications. SWOP Specifications recommend that: "The appearance of an off-press proof used in this application must closely simulate a SWOP Certified press proof". See other explanations and recommendations as outlined on pages 21 and 47 of the 2001 edition of the SWOP Specifications for Web Offset Publications.

I. MANUFACTURER

Fuji Photo Film Co., Ltd. (Japan) www.fujifilm.com

DISTRIBUTOR

Enovation Graphic Systems, www.enovationgraphics.com
A Fujifilm Company
850 Central Avenue 800.877.0555
Hanover Park, IL 60133 630.259-7200

II. PRODUCT

Fujifilm FinalProof Luxel 5600 Digital Color Proofer
"Fujifilm FinalProof" includes the technology used in the FinalProof and FinalProof GXT.

III. INTRODUCTION

The Fujifilm FinalProof Digital Proofer produces pigmented laminate digital halftone proofs (A2 or B2), using Fujifilm's thin layer and thermal transfer technology. It employ's fully automatic imaging with true halftone screening at the same resolution as many film and plate recorders on the market (2400, 2438, 2540 dpi).

IV. CONTROL GUIDE

SWOP Specifications recommend that a control guide such as the GATF/SWOP Digital Proofing Bar be supplied on every off-press Digital Proof. As a minimum, this guide should contain solids of the primary process colors and two color overprints, as well as a 25%, 50% and 75% tint in 133 line screen ruling of each of the process colors.

Enovation Graphic Systems recommends the use of The GATF/SWOP Digital Proofing Bar, and/or the GCA Proof Comparator when producing and evaluating FinalProofs.

V. SYSTEM COMPONENTS

The following components and laminating procedures shall be used with the Fujifilm FinalProof to achieve conformance with the Application Data Sheet.

Materials:

- FL-Y1 (Yellow Donor)
- FL-M1 (Magenta Donor)
- FL-C1 (Cyan Donor)
- FL-K1 (Black Donor)
- FL-R (Transfer Receiver)
- 60# Monterey Gloss Proofing Stock

Procedures:

- Using Fujifilm Proof Director Pro: configure Drop Folder Manager specifying the "FinalProof SWOP" Device Link Profile (DLP). Please refer to the "Fujifilm Proof Director Pro" manual for configuration details.
- Using Fujifilm Proof Manager: configure Drop Folder Manager the "FinalProof SWOP" Look-up-table (LUT). Please refer to the "Fujifilm Proof Manager" manual for configuration details.
- If you do not have the latest SWOP DLP or LUT, please contact your Enovation Graphic Systems Technical Advisor or Professional Services Group.
- Exposing sequence to the FL-R transfer receiver is: Black, Cyan, Magenta, Yellow.
- Lamination is performed offline in a single pass. The fully exposed FL-R is laminated to the 60# TextWeb stock using the FinalProof laminator. No intermediate media is required.

VI. FINISHING PROCEDURES

No finishing procedures required.

VII. FINISHED PROOF CHARACTERISTICS

When properly produced, the following are characteristics to be expected from the Fujifilm FinalProof.

Color	Absolute Density* (±.05, K=±.1)	Tone Value Increase @ 50% (±1%, K=±2%)	Print Contrast @ 75% (±5%)	FinalProof LAB (per CGATS.5, ±2.5)				
				L*	a*	b*	C*	h(ab*)
Paper	R=0.13 G=0.14 B=0.16	-	-	88.5	-0.1	3.2	3.2	91.1
Yellow	1.03	18%	29%	83.4	-5.3	85.7	85.9	93.5
Magenta	1.46	18%	41%	44.6	69.3	-0.7	69.3	359.4
Cyan	1.36	20%	36%	52.1	-35.0	-41.5	54.3	229.8
Black	1.74	22%	45%	14.2	2.3	5.2	5.7	66.5
Red	-	-	-	43.0	64.3	47.8	80.1	36.6
Green	-	-	-	46.8	-59.8	26.9	65.6	155.7
Blue	-	-	-	19.2	24.2	-40.7	47.3	300.7

*SWOP Hi/Lo Reference Densities (Yellow: 1.04/0.88; Magenta: 1.49/1.33; Cyan: 1.35/1.20; Black: 1.65/1.50)

All readings were performed with a calibrated X-Rite 938 Spectro-densitometer (status-T, D50 illuminant, 2° observer, non-polarized) on black backing. All readings are absolute values and the TVI (dot gain) is based on the Murray-Davies formula. SWOP Hi & Lo readings (were taken from the Hi - Lo Color Reference Patches (exp. March /00)

VIII. SAMPLE PROOF

Enovation Graphic Systems has supplied two "FinalProofs" which conform to this Application Data Sheet to the SWOP Certification Task Force for their analysis and retention.



Certified – February, 2004

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