

Canon imagePROGRAF iPF6350/iPF6300

Cost Per Print and Ink Yield Analysis

		Canon Heavyweight Satin Photographic Paper	Canon Graphic Matte Canvas	Canon Premium RC Photo Luster Paper		
		Auto (Color)/(Monochrome Photo)	Auto (Color)/(Monochrome)	Auto (Color)/(Monochrome Photo)		
24"x30" (5 ft²)	N5	Ink Cost/Print	\$1.77	\$1.65	\$1.83	
		Media Cost/Print	\$3.38	\$10.06	\$3.38	
		Total Print Cost	\$5.15	\$11.71	\$5.21	
	Clouds	Ink Cost/ft²	\$0.360	\$0.335	\$0.373	
		Media Cost/ft²	\$0.676	\$2.011	\$0.676	
		Total Cost/ft²	\$1.036	\$2.346	\$1.049	
			ft²/Ink Set	2637	2832	2549
	Flower	Ink Cost/Print	\$3.04	\$2.98	\$3.16	
		Media Cost/Print	\$3.38	\$10.06	\$3.38	
		Total Print Cost	\$6.42	\$13.04	\$6.54	
	Flower	Ink Cost/ft²	\$0.622	\$0.610	\$0.647	
		Media Cost/ft²	\$0.676	\$2.011	\$0.676	
		Total Cost/ft²	\$1.298	\$2.621	\$1.323	
			ft²/Ink Set	1526	1557	1467
	Flower	Ink Cost/Print	\$3.71	\$4.50	\$3.95	
		Media Cost/Print	\$3.38	\$10.06	\$3.38	
		Total Print Cost	\$7.09	\$14.56	\$7.33	
	Flower	Ink Cost/ft²	\$0.759	\$0.921	\$0.809	
Media Cost/ft²		\$0.676	\$2.011	\$0.676		
Total Cost/ft²		\$1.435	\$2.932	\$1.485		
		ft²/Ink Set	1250	1031	1173	
24"x30" (5 ft²)			Canon Glossy Photographic Paper 240gsm	Canon German Etching by Hahnemuhle	Canon Fine Art Photo Rag by Hahnemuhle	
			Auto (Color)/(Monochrome Photo)	Auto (Color)/(Monochrome Photo)	Auto (Color)/(Monochrome Photo)	
	N5	Ink Cost/Print	\$1.71	\$1.83	\$1.65	
		Media Cost/Print	\$2.47	\$9.30	\$9.42	
		Total Print Cost	\$4.18	\$11.13	\$11.07	
	Clouds	Ink Cost/ft²	\$0.348	\$0.373	\$0.335	
		Media Cost/ft²	\$0.494	\$1.860	\$1.884	
		Total Cost/ft²	\$1.842	\$2.233	\$2.219	
			ft²/Ink Set	2731	2549	2832
	Clouds	Ink Cost/Print	\$2.92	\$2.80	\$2.62	
		Media Cost/Print	\$2.47	\$9.30	\$9.42	
		Total Print Cost	\$5.39	\$12.10	\$12.04	
	Clouds	Ink Cost/ft²	\$0.597	\$0.572	\$0.535	
		Media Cost/ft²	\$0.494	\$1.860	\$1.884	
		Total Cost/ft²	\$1.091	\$2.432	\$2.419	
			ft²/Ink Set	1589	1658	1774
	Flower	Ink Cost/Print	\$3.77	\$4.93	\$4.38	
		Media Cost/Print	\$2.47	\$9.30	\$9.42	
Total Print Cost		\$6.24	\$14.23	\$13.80		
Flower	Ink Cost/ft²	\$0.771	\$1.008	\$0.896		
	Media Cost/ft²	\$0.494	\$1.860	\$1.884		
	Total Cost/ft²	\$1.265	\$2.868	\$2.780		
		ft²/Ink Set	1230	942	1059	
24"x30" (5 ft²)			Canon Heavyweight Coated Paper	Canon Artistic Satin Canvas	Canon Fine Art Watercolor Paper	
			Auto (Color)/(Monochrome Photo)	Auto (Color)/(Monochrome)	Auto (Color)/(Monochrome Photo)	
	N5	Ink Cost/Print	\$1.77	\$1.77	\$1.71	
		Media Cost/Print	\$1.33	\$11.45	\$8.14	
		Total Print Cost	\$3.10	\$13.22	\$9.85	
	Clouds	Ink Cost/ft²	\$0.360	\$0.360	\$0.348	
		Media Cost/ft²	\$0.266	\$2.289	\$1.627	
		Total Cost/ft²	\$0.626	\$2.649	\$1.975	
			ft²/Ink Set	2637	2637	2731
	Clouds	Ink Cost/Print	\$2.56	\$2.86	\$2.68	
		Media Cost/Print	\$1.33	\$11.45	\$8.14	
		Total Print Cost	\$3.89	\$14.31	\$10.82	
	Clouds	Ink Cost/ft²	\$0.524	\$0.585	\$0.549	
		Media Cost/ft²	\$0.266	\$2.289	\$1.627	
		Total Cost/ft²	\$1.790	\$2.874	\$2.176	
			ft²/Ink Set	1816	1623	1734
	Flower	Ink Cost/Print	\$5.41	\$4.50	\$5.05	
		Media Cost/Print	\$1.33	\$11.45	\$8.14	
Total Print Cost		\$6.74	\$15.95	\$13.19		
Flower	Ink Cost/ft²	\$1.107	\$0.921	\$1.034		
	Media Cost/ft²	\$0.266	\$2.289	\$1.627		
	Total Cost/ft²	\$1.373	\$3.210	\$2.661		
		ft²/Ink Set	857	1031	919	

The ink cost analysis is based on ink usage amount reported from the job log function of the printer, using the specified type of paper and print mode with the printer driver under conditions stated below. The media cost analysis is based on square footage from the size of the paper using roll feed paper. The total cost stated is a sum of the cost of ink and the media including any waste to print one complete print, and does not include the cost of other customer replaceable items such as a print head, a cutter, and a maintenance cartridge. The ft²/Ink Set represents the average number of prints that can be printed with a set of twelve ink cartridges. All cost information has been rounded up, and there are minute discrepancies in the total because of the rounding error. The result of this analysis may not be exact and is not guaranteed, and therefore should only be used as a guide to estimate cost. All prices used in this analysis are based on MSRP in U.S. dollars as of April 2010. This document is created in April 2010, and specifications are subject to change without notice.

Samples are printed under the following conditions: Printer: iPF6350, Firmware version 1.03, OS: Windows XP SP2, CPU: Pentium 4/3.2GHz, RAM: 1.5GB, Interface: 100 Base-TX, Application: Adobe®Photoshop® CS2, Print Plug-in for Photoshop CS2 (version 4.0), iPF6350 Driver: Windows Driver Ver 4.31 (Media Configuration Tool applied).

Sample images used in this analysis



N5 (N5.tif, ISO-JIS SCID N5 a.k.a. "Bicycle") Converted from CMYK to RGB mode in Photoshop, sRGB color space. Output image size: 23.76"x29.70" on 24"x30" paper.



Clouds (clouds.tif) © David Sparer Grayscale mode. Output image size: 23.76"x29.70" on 24"x30" paper.



Flower (flower.tif) © David Sparer RGB 16-bit mode, ProPhoto RGB color space. Output image size: 23.76"x29.70" on 24"x30" paper.

Canon Media Information

Media Name	Item No.	MSRP	Cost/ft ²
Fine Art Media			
Artistic Satin Canvas, 17" x 40ft	1429V466	\$129.65	\$2.29
Artistic Satin Canvas, 24" x 40ft	1429V467	\$183.05	\$2.29
Fine Art Watercolor Art Paper, 8½" x 11", 100/box	0365V315	\$90.65	\$0.91/sheet
Fine Art Watercolor Art Paper, 13" x 19", 100/box	0365V316	\$224.70	\$2.25/sheet
Fine Art Watercolor Paper, 17" x 50ft	0826V685	\$112.75	\$1.02
Fine Art Watercolor Paper, 24" x 50ft	0826V686	\$162.65	\$1.63
Fine Art Photo Rag by Hahnemühle (188 gsm) 17" x 39ft	0835V598	\$95.75	\$1.75
Fine Art Photo Rag by Hahnemühle (188 gsm) 24" x 39ft	0635V212	\$146.90	\$1.89
German Etching by Hahnemühle (310 gsm) 17" x 39ft	0850V750	\$110.15	\$2.01
German Etching by Hahnemühle (310 gsm) 24" x 39ft	0850V752	\$145.05	\$1.86
Graphic Matte Canvas, 17" x 40ft	0826V690	\$112.90	\$2.02
Graphic Matte Canvas, 24" x 40ft	0254V897	\$160.85	\$2.02
Fine Art Enhanced Velvet (225 gsm), 13" x 19", 25/box	0834V773	\$43.30	\$1.74/sheet
Fine Art Enhanced Velvet (225 gsm), 17" x 50ft	0826V675	\$140.60	\$2.01
Fine Art Enhanced Velvet (225 gsm), 24" x 33ft	0623V131	\$104.90	\$1.59
Fine Art Enhanced Velvet (505 gsm), 17" x 22", 10/box	0849V394	\$87.05	\$8.71/sheet
Fine Art Natural (230 gsm), 8½" x 11", 50/box	0850V059	\$22.10	\$0.44/sheet
Fine Art Natural (230 gsm), 13" x 19", 50/box	0850V060	\$52.95	\$1.06/sheet
Fine Art Natural (230 gsm), 17" x 50ft	0850V061	\$43.10	\$0.61
Fine Art Bright White (230 gsm), 8½" x 11", 50/box	0850V065	\$22.10	\$0.44/sheet
Fine Art Bright White (230 gsm), 13" x 19", 50/box	0850V066	\$58.25	\$1.17/sheet
Fine Art Bright White (230 gsm), 17" x 50ft	0850V067	\$43.10	\$0.61
Fine Art Bright White (230 gsm), 24" x 50ft	0850V068	\$60.85	\$0.61
Fine Art Bright White (330 gsm), 13" x 19", 50/box	0850V071	\$93.55	\$1.87/sheet
Fine Art Bright White (330 gsm), 17" x 22", 50/box	0850V072	\$113.70	\$2.28/sheet
Fine Art Bright White (330 gsm), 17" x 50ft	0850V073	\$72.30	\$1.02
Fine Art Bright White (330 gsm), 24" x 50ft	0850V074	\$102.10	\$1.02
Proofing Paper			
Commercial Proofing Paper 24" x 150ft	0848V600	\$148.35	\$0.39
Commercial RC Proofing Paper (240 gsm), 24" x 100ft	0849V328	\$136.80	\$0.69
Commercial RC Proofing Paper (240 gsm), 24" x 100ft	0849V346	\$162.00	\$0.81
Sign/Banner Media			
Durable Matte Polypropylene Banner, 24" x 100ft	0834V777	\$82.70	\$0.42
Durable Backlit Film, 24" x 100ft	0834V786	\$189.75	\$0.95
Adhesive Matte Vinyl, 24" x 66ft	0546V845	\$151.65	\$1.15
Scrim Banner Vinyl, 24" x 40ft	1290V133	\$131.50	\$1.65
Universal White Film, 17" x 66ft	1086V594	\$136.05	\$1.47
Universal White Film, 24" x 66ft	1091V068	\$186.85	\$1.42
Adhesive White Film, 24" x 66ft	1087V078	\$273.45	\$2.08
Tyvek Banner, 24" x 66ft	1359V508	\$168.95	\$1.28

Media Name	Item No.	MSRP	Cost/ft ²
Photographic Paper			
Satin Photographic Paper (190 gsm), 13" x 19", 100/box	0848V603	\$71.60	\$0.72/sheet
Satin Photographic Paper (190 gsm), 17" x 100ft	0848V604	\$61.95	\$0.44
Satin Photographic Paper (190 gsm), 24" x 100ft	0848V605	\$86.10	\$0.44
Glossy Photographic Paper (190 gsm), 13" x 19", 100/box	0848V610	\$71.60	\$0.72/sheet
Glossy Photographic Paper (190 gsm), 17" x 100ft	0848V611	\$61.95	\$0.44
Glossy Photographic Paper (190 gsm), 24" x 100ft	0848V612	\$85.40	\$0.43
Satin Photographic Paper (240 gsm), 17" x 100ft	1154V521	\$82.35	\$0.59
Satin Photographic Paper (240 gsm), 24" x 100ft	0849V358	\$118.45	\$0.60
Glossy Photographic Paper (240 gsm), 17" x 100ft	1154V522	\$74.85	\$0.53
Glossy Photographic Paper (240 gsm), 24" x 100ft	0849V336	\$98.80	\$0.50
HW Satin Photographic Paper (300 gsm), 17" x 100ft	1154V523	\$88.70	\$0.62
HW Satin Photographic Paper (300 gsm), 24" x 100ft	0849V331	\$135.05	\$0.68
HW Glossy Photographic Paper (300 gsm), 17" x 100ft	1154V524	\$88.70	\$0.62
HW Glossy Photographic Paper (300 gsm), 24" x 100ft	0849V390	\$135.05	\$0.68
Premium RC Photo Luster 13" x 19", 100/box	080V0874	\$143.90	\$1.44/sheet
Premium RC Photo Luster 17" x 100ft	1100V102	\$104.40	\$0.74
Premium RC Photo Luster 24" x 100ft	1100V103	\$135.05	\$0.68
Coated Paper			
Heavyweight Coated Paper (140gsm), 17" x 130ft	6646A008AA	\$62.70	\$0.35
Heavyweight Coated Paper (140gsm), 24" x 130ft	6646A002AA	\$69.00	\$0.27
Heavyweight Matte Coated Paper (230gsm), 17" x 100ft	0849V341	\$43.60	\$0.31
Heavyweight Matte Coated Paper (230gsm), 24" x 100ft	0849V342	\$61.25	\$0.31

Ink Cartridge Information

Ink Cartridge	Item No.	MSRP	Cost/ml
PFI-105MBK - Matte Black Ink Tank	2999B001AA	\$79.00	\$0.608
PFI-105BK - Black Ink Tank	3000B001AA	\$79.00	\$0.608
PFI-105C - Cyan Ink Tank	3001B001AA	\$79.00	\$0.608
PFI-105M - Magenta Ink Tank	3002B001AA	\$79.00	\$0.608
PFI-105Y - Yellow Ink Tank	3003B001AA	\$79.00	\$0.608
PFI-105PC - Photo Cyan Ink Tank	3004B001AA	\$79.00	\$0.608
PFI-105PM - Photo Magenta Ink Tank	3005B001AA	\$79.00	\$0.608
PFI-105R - Red Ink Tank	3006B001AA	\$79.00	\$0.608
PFI-105G - Green Ink Tank	3007B001AA	\$79.00	\$0.608
PFI-105B - Blue Ink Tank	3008B001AA	\$79.00	\$0.608
PFI-105GY - Gray Ink Tank	3009B001AA	\$79.00	\$0.608
PFI-105PGY - Photo Gray Ink Tank	3010B001AA	\$79.00	\$0.608