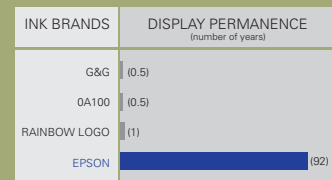# Facts on Genuine Inks

Superior Image Quality

For prints as vivid as your memories. Epson inks are designed to work specifically with your printer hardware, and to deliver stable, long-lasting, photographic quality – quality that cannot be matched by non-genuine inks.

Longer Print Life

For brilliant prints that last and last. Permanence, or how long a print will last before noticeable fading when it's on display and exposed to light, is where non-genuine inks really pale in comparison to Epson's inks. In a recent study, Henry Wilhelm, a leading authority on photo longevity, projected Epson inks to last up to 92 years[1] when used with Epson paper.

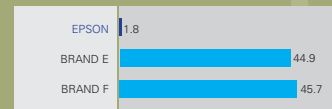| INK BRANDS	DISPLAY PERMANENCE (number of years)
G&G	(0.5)
0A100	(0.5)
RAINBOW LOGO	(1)
EPSON	(92)

EPSON STYLUS™ C82 INK TEST - PRINT LIFE

[1]PC World Magazine 9/03, test conducted using EPSON STYLUS™ C82 with EPSON DURABrite™ Ink on EPSON Matte Paper-Heavyweight

Greater Reliability

Because we value your time as much as you do. All ink jet printers provide print-head nozzle cleaning cycles to ensure reliable ink flow. Ink is used in these cleaning cycles. According to a study conducted by Torrey Pines Research, non-genuine inks require up to 25 times more user-initiated cleaning cycles than Epson ink cartridges[2].

EPSON STYLUS™ COLOR 777 INK TEST - NOZZLE CLEANING CYCLES PER 1000 PAGES
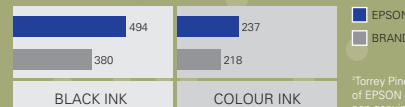
EPSON	1.8
BRAND E	44.9
BRAND F	45.7

[2]Torrey Pines Research, test of EPSON genuine ink vs. non-genuine inks.

Unbeatable Value

More prints per cartridge. Torrey Pines Research stated that Epson inks "consistently outperformed non-genuine ink brands" when it comes to the number of prints per cartridge. In fact, the study showed that Epson inks produces up to 114 more pages per black ink cartridge and 19 more pages per colour cartridge[3]. Epson ink prints up tp 30% more than non-genuine ink.

EPSON STYLUS™ C62 INK TEST - PAGE YIELD PER CARTRIDGE

BLACK INK	COLOUR INK	
494	237	■ EPSON
380	218	□ BRAND A

[3]Torrey Pines Research, test of EPSON genuine ink vs. non-genuine ink.

The Final Facts

The research proves not only that: "you get what you pay for", but with genuine Epson inks, you get substantially more. For more on the advantages of using genuine Epson inks versus non-genuine inks, go to **www.epson.com/genuineink.**

EPSON STYLUS™ CX4100

181mm
430mm
354mm

Weight = Approx. 6.8kg

Print Speed Data Printout

Patterns The thumbnail images below show the printout patterns used to determine print speed specification.

*1 Black Text
*2 Colour Text
*3 Photo 4R (4"x6")
*4 Black Text & Graphics
*5 Colour Text & Graphics

Print Speed Note:

The print times shown in this brochure are the average time for multiple prints of the same page over one time or time to print one photo. Times are measured from 'Print' command to delivery of the page in the tray. The speeds were achieved using the following system: 1Ghz Pentium III, 128MB RAM, Windows XP, USB 1.1 interface. Print times will vary depending on computer configuration, settings application, coverage and page complexity.

* 120 years on Epson Matte type media
• Under fluorescent (indoor display condition) with glass mount.
• For use with EPSON Matte Paper - Heavy Weight.
• The data is calculated by EPSON's accelerated test and it does not mean EPSON guaranteed periods.
• The estimated longevity does not indicate the colour changing and the durability of the paper itself
• Lightfastness rating may vary depending on papers
• This lightfastness test is a simulation of colour fading in an indoor preservation conditions that you display your prints. Factors, other than light, such as ozone, temperature and humidity can affect the print life.

Lightfastness Test Criteria (Indoor Display Condition)

Light source : Fluorescent light
Intensity : 70,000 lux
Temperature : 24°C
Humidity : 60% RH
Glass mount : 2mm, soda lime
Fade criteria : Pure YMC 30% loss at OD=1
Display-life : Total illuminance /I500 lux x 10 hours
Calculation x 365 days=1 year)
*Test developed and conducted by EPSON.

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www.epson.com.sg
www.epsonphoto.com.sg

Specifications

Printer Type	Printing Method	On-demand ink jet (piezoelectric)
	Nozzle Configuration	90 nozzles each (Black, Cyan, Magenta,Yellow)
Print Quality	Maximum Resolution	5760 x 1440 dpi (with Variable-Sized Droplet Technology)^
	Minimum Ink Droplet Volume	3pl
Print Speed	Black Text Memo (A4)	Approx. 20.0 ppm (Draft)*1
	Colour Text Memo (A4)	Approx. 19.0 ppm (Draft)*2
	Photo 4R (4" x 6")	Approx 49sec per photo (Draft)*3
Copy Speed	Black Text Memo (A4)	Approx. 18cpm (Draft)
	Colour (DTP) A4	Approx. 17cpm (Draft)
Standalone Copier Usability	Number of Copies	1-9, 100
	Reduction/Enlargement	Auto Fit Function
	Copy Modes	Standard, Small Margin, BorderFree™
Scan Technology	Scanner Type	A4, Flatbed colour image scanner
	Optical Sensor	Colour CIS line sensor
	Optical Resolution	1200 x 2400 dpi 48 Bits In
Scanning Speed	Monochrome	A4 1200dpi 10msec/line
		A4 600dpi 5msec/line
		A4 300dpi 3.5msec/line
	Colour	A4 1200dpi 30msec/line
		A4 600dpi 15msec/line
		A4 300dpi 10msec/line
Paper Handling	Paper Feed Method	Friction Feed
	Paper Hold Capacity	Input paper tray: 100 sheets
	Paper Sizes	Cut sheet (A4, A5, A6, B5, Letter, Legal, Half Letter, 4R (4" x 6"), 5R (5" x 7") Envelope No. 10, DL, C6, 132x220mm
	Print Margin	0mm top, left, right, bottom via custom settings in printer driver otherwise 3mm, top, left, right and bottom
	Max Paper Thickness	Less than 0.52mm
Ink Cartridges	High Capacity Black Ink (T0621)	Approx. 400 pages*4
	Standard Capacity Black Ink (T0631)	Approx. 250 pages*4
	Cyan Ink Cartridge (T0632)	}
	Magenta Ink Cartridge (T0633)	} Approx. 380 pages*5 (Composite Yield)#
	Yellow Ink Cartridge (T0634)	}
Interface	USB2.0(Hi-Speed)** for PC connections, USB Host for Pictbridge & USB Direct Print Connections	
Input Data Buffer	64KB	
Colour Matching	ICM Profiles, sRGB (Win 98/ME/2000), Apple ColorSync2.0 Compatible	
Noise Level	45dB(A) per ISO7779	
Electrical Specification	Rated Voltage	AC 220~240V
	Rated Frequency	50~60 Hz
	Power Consumption	Approx. 10W (per ISO10561 Letter Pattern)
Printer Software On CD-ROM	Printer Drivers	Windows 98SE/ME/2000 and Windows XP Mac OS® 9+, Mac OS® X, 10.2 or later with USB +Web support only
	On-line Guide	Yes
EPSON Specialty Media (with its suggested applications)		
General Use	Photo Quality Inklet Paper A4	C13S041786
Crafts	Photo Quality Inklet Card A6	C13S041054
	Photo Quality Inklet Card 5"x8"	C13S041121
	Photo Quality Self Adhesive Sheet A4	C13S041106
Photo Output	Ultra Glossy Photo Paper A4	C13S041927E1
	Ultra Glossy Photo Paper 4R (4" x 6")	C13S041926E1
	Premium Glossy Photo Paper A4	C13S041794
	Premium Glossy Photo Paper 4R (4" x 6")	C13S041863
	Premium Glossy Photo Paper 5R (5" x 7")	C13S041464E1
	Premium Semigloss Photo Paper A4	C13S041332
	Premium Semigloss Photo Paper 4R (4" x 6")	C13S041925
	Photo Paper A4	C13S041140
	Photo Paper 4R (4" x 6")	C13S041255
	Economy Photo Paper A4	C13S041579
	Matte Paper-Heavyweight A4	C13S041259
	Double Sided Matte Paper A4	C13S041570

^ When printed on EPSON Premium Glossy Photo Paper

++ To use USB port, your PC must conform to PC98 specifications, and have Windows preinstalled. Consult the documentation provided with your PC for further information about USB connectivity. Note also that printing errors may occur if non-standard cables or more than 2 USB hub connections are used.

Page Yield was measured by Epson original pattern.

Dealer's Stamp

Sep 05

For enquiries, contact your nearest EPSON sales representatives:
INDIA - (91) 80-305-15000, **CALCUTTA** - 228 31589/90,
CHENNAI - 302 77500, **MUMBAI** - 282 61515/16/17, **NEW DELHI** - 306 15000
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EPSON STYLUS™
CX4100

SIMPLE LIFESTYLE IMAGING
MEETING YOUR INKDIVIDUAL™ NEEDS