



HP Designjet CP Series Printers - The Estimated Cost Per Copy for the Imaging Inks and UV Inks

Issue:

What is the estimated cost per page or copy for imaging inks and UV inks?

Solution

See the information below.

NOTE: The cost per copy figures presented in the tables below are estimates only and reflect U.S. list prices as of January 1998. Actual costs may vary.

NOTE: The usable ink available in every color ink system is 370 milliliters (ml), while the total amount is about 410 ml.

- HP DesignJet CP Ink System (dye-based ink): Printing on coated paper, customers can expect to print about 400 A1/D-size prints.
- HP DesignJet CP Ink System (dye-based ink): Drop size for all colors is 21 picoliters.
- HP DesignJet CP Ink System UV (pigmented inks): You can expect to print up to 300 A1/D-size prints.

Imaging/dye-based ink

In general, the average ink cost per page is about \$2.69 per square meter or \$0.25 per square foot.

The total cost per page varies depending on the type of media that is being used and the type and size of the image on the page. The following table outlines these costs and assumes an image density of 40% and coverage of 100% while printing in Best mode:

Media Type (Full Page Image)	Media Cost per Roll*	Media Cost per Sheet (24 x 36 inches)	No. of Prints per Cartridge Set	Ink Cost per Sheet	Total Cost per Sheet
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Media Type (Full Page Image)	Media Cost per Roll*	Media Cost per Sheet (24 x 36 inches)	No. of Prints per Cartridge Set	Ink Cost per Sheet	Total Cost per Sheet
HP Coated	\$39.95	\$1.20	400	\$1.50	\$2.70
HP Heavyweight Coated	\$59.95	\$1.80	400	\$1.50	\$3.30
HP Semi-Gloss Photo	\$194.95	\$5.85	400	\$1.50	\$7.35
HP High-Gloss Photo	\$194.95	\$5.85	400	\$1.50	\$7.35
HP High-Gloss White Film	\$139.95	\$4.20	400	\$1.50	\$5.70

- Cost per roll is based on a D-size roll, which is 24 inches wide by 100 feet long.

**NOTE:** Media costs for a 610 mm wide roll are comparable to those listed in the table above.

### UV/pigment-Based ink

In general, the average ink cost per page is about \$0.57 for Heavyweight Coated per square foot or \$0.68 for Opaque Imaging per square foot.

The total cost per page varies depending on the type of media that is being used and the type and size of the image on the page. The following table outlines these costs and assumes an image density of 40% and coverage of 100% while printing in Best mode:

Media Type (Full Page Image)	Cost per Roll*	Cost per Sheet (24 by 36 inches)	No. of Prints per Cartridge Set	Ink Cost per Sheet	Total Cost per Sheet
~~~~~	~~~~~	~~~~~	~~~~~	~~~~~	~~~~~
HP Heavyweight Coated	\$59.95	\$1.80	300	\$3.50	\$5.30



Media Type (Full Page Image)	Cost per Roll*	Cost per Sheet (24 by 36 inches)	No. of Prints per Cartridge Set	Ink Cost per Sheet	Total Cost per Sheet
3M Opaque Imaging Media	\$382.50	\$10.20	300	\$4.08	\$14.28

- Cost per roll is based on a D-size roll, which is 24 inches wide by 100 feet long.

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