



How HP Measures Ink Page Yields

Some HP inkjet printers use ink from the first cartridges installed for printer start up. This one-time ink usage is not included in the ISO 24711 test, and could impact the yield for your very first cartridge. Also, some HP inkjet printers include an "introductory cartridge" in the printer box, which may print less than an HP replacement cartridge. HP's printer packaging indicates whether introductory cartridges are included with the printer.

What is ISO?

ISO (International Organization for Standardization) is the world's **largest developer** and publisher of **International Standards**.

Hewlett-Packard ISO ink page yield testing methodology

Under the ISO 24711 testing guidelines, a standard set of five 8 1/2 x 11 pages is printed continuously until the cartridge reaches end-of-life. For a variety of reasons, these testing conditions may not reflect what you experience in every day use. ISO standard page yields therefore should be used only as a starting point for comparison purposes, and not to predict the actual yield you will get from your HP printer and cartridge. Actual yield varies considerably based on the content of printed pages, frequency of printing, ink used in printer set-up and other factors, as discussed below.

The five standard ISO pages shown to the right consist of a mix of text and graphics, and a mix of black and color.

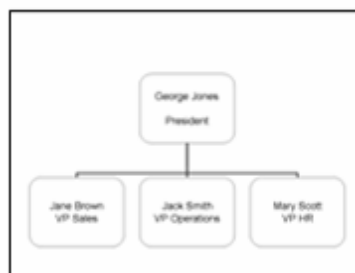


The five standard ISO pages

Actual yield will vary depending upon the amount of content on the page. Highly "dense" documents, such as the text document below, may yield fewer pages than the ISO standard, while less dense ones such as the organization chart below would yield more pages than the standard. Printing that uses primarily one color could cause lower yields for that color, and higher yields for colors not heavily used. The yield you experience will depend upon the content that you print.



High Density Text



Org Chart



High use of Cyan

Some inkjet users print a few pages at a time, and hours, and sometimes days, pass between print jobs. With this kind of start/stop printing, inkjet printers use some ink to keep print nozzles clear and ink flowing smoothly. This is critical to maintain the health of your printer, and ensure that you continue to experience the same great print quality that your printer delivered when it was new. However, it can cause your yields to be lower than if you printed the same content continuously.