

# Vibrant colors resist fading



With HP Inkjet photo printing systems for home and small business



HP designs its printers, cartridges, and papers so that your prints will last. HP's portfolio of Original HP inks and photo papers print your precious photos so they stand the test of time.

## Photo fade resistance

One element of photo quality and durability is fade from exposure to light when the photo is displayed. HP performs fade resistance testing in HP's Image Permanence Labs.<sup>1</sup> Additional testing has been done on some Original HP Ink cartridges by Wilhelm Imaging Research, Inc. (WIR), a leading independent test lab. The photo fade resistance ratings below are based on photos printed by Original HP ink cartridges on HP photo papers and then displayed under glass.

Photos printed with HP printers and Original HP inks on HP photos papers have vibrant colors and are enjoyable for a long time. Original HP Cartridges are the only cartridges precisely developed with HP printers for reliable quality and striking images, photo after photo, unlike non-HP ink cartridges.<sup>2</sup>

## Data sheet

### Photos printed with Original HP Ink Cartridges and HP Photo Papers, displayed under glass, fade resistance simulation

Ink cartridge <sup>3</sup>	Photo type & cartridges	Glass-covered display years
HP 564/364/178 Ink Cartridges	Color printing with Cyan, Magenta, Yellow, Photo Black ink cartridges	100 <sup>4</sup>
	Color printing with Cyan, Magenta, Yellow ink cartridges	80 <sup>4</sup>
HP 46 Ink Cartridges	Color printing with Tri-color	55 <sup>4</sup>
HP 60/300/121/818 Ink Cartridges	Color printing with Tri-color	80 <sup>4</sup>
HP 61/301/122/802 Ink Cartridges	Color printing with Tri-color	50 <sup>4</sup>
HP 62 Ink Cartridges	Color printing with Tri-color	55 <sup>4</sup>
HP 63 Ink Cartridges	Color printing with Tri-color	55 <sup>4</sup>
HP 65 Ink Cartridges	Color printing with Tri-color	55 <sup>4</sup>
HP 650/662/678 Ink Cartridges	Color printing with Tri-color	50 <sup>4</sup>
HP 651 Ink Cartridges	Color printing with Tri-color	55 <sup>4</sup>
HP 655/670/685 Ink Cartridges	Color printing with Tri-color	100 <sup>4</sup>
HP 110 Ink Cartridge	Color or B&W printing	51 (WIR test)
HP 675 OfficeJet Ink Cartridges	Color printing with Tri-color	80 <sup>4</sup>
HP 703 Ink Cartridges	Color printing with Tri-color	80 <sup>4</sup>
HP 704 Ink Cartridges	Color printing with Tri-color	50 <sup>4</sup>
HP 920 OfficeJet Ink Cartridges	Color printing with Cyan, Magenta, Yellow ink cartridges	75 <sup>4</sup>
HP 940 OfficeJet Ink Cartridges	Color printing with Cyan, Magenta, Yellow ink cartridges	65 <sup>4</sup>
HP 64 Ink Cartridges	Color printing with Black and Tri-color	65 <sup>4</sup>
HP GT51/GT52 Ink Bottles	Color printing with Cyan, Magenta, Yellow inks	75 (WIR test)
HP 30/31 Ink Bottles	Color printing with Cyan, Magenta, Yellow inks	75 (WIR test)

### HP Sprocket Photo Paper

When you choose HP Sprocket Photo Paper, your photos can last for decades.<sup>4</sup>

### Photos under glass, fade resistance simulation

	Glass-covered display years
HP Sprocket Photo Paper <sup>5</sup>	43 <sup>4</sup>

HP hopes you will enjoy your photos for many years to come. HP printers, Original HP Ink cartridges, and HP photo papers are designed together for quality prints you can take pride in.

1. HP IPL refers to HP's Image Permanence Laboratory. HP IPL light fade, ozone fade, and thermal degradation test methods are similar to WIR methods; differences include lower humidity in light fade testing (50 %RH), and higher accelerated light intensity (90 Klux).
2. North America: Ink based on BLI 2014 study commissioned by HP for Black & Color cartridges 60XL, 61XL, 74XL, 564XL, 950XL, 951XL sold in North America; [keypointintelligence.com/media/1097/hp-inkjet-cartridges-vs-refilled-cartridges.pdf](http://keypointintelligence.com/media/1097/hp-inkjet-cartridges-vs-refilled-cartridges.pdf). Asia Pacific: Ink based on an 2016 BLI study commissioned by HP for Black & Color cartridges 564X, 61XL, 678, 703, 802, 901 sold in Asia Pacific; [keypointintelligence.com/media/1094/hpinkaprefill.pdf](http://keypointintelligence.com/media/1094/hpinkaprefill.pdf). Europe: Ink based on Buyers Laboratory Inc. July 2017 study commissioned by HP compared Original HP ink cartridges (121XL, 122XL, 178XL, 300, 300XL, 301XL, 364, 364XL, 650, 950XL, 970XL, 971XL) with 21 brands of non-HP refilled and remanufactured ink cartridges sold in EMEA markets. Details: [http://keypointintelligence.com/media/1609/hp-emea-refill-study\\_rep.pdf](http://keypointintelligence.com/media/1609/hp-emea-refill-study_rep.pdf). Latin America: Ink based on 2015 BLI study commissioned by HP for Black & Color cartridges 21, 22, 60XL, 122XL, 662XL sold in Latin America; [keypointintelligence.com/media/1096/hp-inkjet-cartridges-vs-latin-america-refilled-cartridges.pdf](http://keypointintelligence.com/media/1096/hp-inkjet-cartridges-vs-latin-america-refilled-cartridges.pdf).
3. Inkjet SKUs and availability may vary by region. Some photo cartridges may be optional with certain printers.
4. Display permanence rating by HP Image Permanence Lab.
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