

Printing supplies designed with the environment in mind



From innovative design to easy, free recycling—Original HP supplies help you be more environmentally responsible.

When it comes to printing supplies, HP sees the big picture. Our industry-leading approach considers the environment from the very first stages of cartridge design through manufacturing, distribution, customer use, and disposal. Our “closed loop” recycling process uses recycled plastic from HP cartridges returned through HP Planet Partners as raw material to create new Original HP cartridges. And HP helps customers lower their environmental impact by providing a responsible and free way to return used HP cartridges for recycling.¹



Driving positive change

HP's environmental leadership begins before a cartridge ever rolls off the production line. Through the HP Design for Environment program, we have designed Original HP ink and LaserJet toner cartridges to use fewer materials and resources, and to make recycling easier.

- **Materials** – Since 1992, HP has cut the average number of component parts in monochrome LaserJet cartridges by a third, and the types of plastic by more than half, which helps make them easier to recycle.
- **Recycled content** – HP ink and LaserJet toner cartridges have been engineered to use recycled plastic and still meet HP's demanding standards for quality and reliability. According to a 2010 life cycle assessment (LCA) study, the recycled plastic used in Original HP ink cartridges requires less than half the fossil fuel to manufacture, transport, and recycle compared with using virgin plastic.²
- **Manufacturing** – All HP cartridges are manufactured at facilities that are certified under ISO 14001, an internationally recognized standard for environmental management systems.

Quality matters

Original HP supplies can help you conserve resources and reduce waste. A 2011 LCA study found that paper use during printing—not manufacturing or production—is the greatest contributor to the environmental impact of a toner cartridge.³ The superior reliability and impressive print quality of Original HP LaserJet toner cartridges deliver great results⁴—which means fewer reprints and less paper waste.

Free and convenient recycling

HP's industry-leading, worldwide recycling program, HP Planet Partners, allows you to easily recycle your Original HP ink and LaserJet toner cartridges for free.¹ All Original HP cartridges returned to HP through Planet Partners go through a multiphase recycling process. They are reduced to raw materials, which can then be used to make new metal and plastic products, such as Original HP cartridges and other everyday products. Any remaining material is handled responsibly through disposal or energy recovery.

Did you know?

- Customers have returned and recycled more than 500 million HP ink and LaserJet toner cartridges worldwide since the HP Planet Partners program began in 1991, representing a weight of 525 million pounds.
- If all the HP ink and LaserJet toner cartridges that customers have recycled through HP Planet Partners were laid end-to-end along the equator, they would circle the earth more than one and a half times.
- In 2013, HP used 18.8 million pounds of recycled plastic to manufacture new Original HP cartridges, keeping 470 tractor-trailer loads of plastic from going to landfills.⁶
- HP has produced more than 1.5 billion Original HP ink and LaserJet toner cartridges containing content from our “closed loop” recycling process.



Responsible paper use

HP supports responsible forestry practices by offering a wide variety of papers made with recycled content and certified fiber.⁵ Look for packaging logos from the Forest Stewardship Council (FSC®) and the Programme for the Endorsement of Forest Certification (PEFC™), which indicate that the paper pulp came from a reputable and well-managed source.

Recycle technology responsibly through HP Planet Partners return and recycling programs

	HP ink cartridge recycling	HP LaserJet toner cartridge recycling	HP and non-HP hardware recycling
Recycle a single product	Return HP cartridges to authorized retail recycling locations or request a postage-paid envelope from hp.com/recycle	Check inside the HP LaserJet toner cartridge box for a postage-paid return and recycling label; return HP cartridges to authorized retail recycling locations or request a postage-paid envelope from hp.com/recycle	Check for convenient drop-off locations, buy back value or request shipping and pickup services at hp.com/recycle . Custom quotes for large orders and unique situations are available.
Recycle multiple products	Print a pre-paid shipping label, or request a pre-addressed, postage-paid box (holds 20 to 300 HP ink cartridges or up to 10 large-format cartridges) at hp.com/recycle	Place the used HP toner cartridge back in a LaserJet box, tape up to eight boxes together (max 70 lbs.) and return via one pre-paid shipping label. Use your own suitable box, or request a free bulk collection box (holds 15 to 25 cartridges), from hp.com/recycle and ship via one pre-paid shipping label.	
Recycle products by pallet pickup	Request a pallet pickup (2000 cartridges or more) at hp.com/recycle	Request a pallet pickup (75 or more cartridges) at hp.com/recycle	
Cost	No charge	No charge	Varies depending on quantity and type.

For more information, go to hp.com/recycle or call 1-800-340-2445.

¹ Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit: hp.com/recycle

² For cartridges produced in 2010 and beyond. Based on a 2010 life cycle assessment (LCA) performed by Four Elements Consulting and commissioned by HP. The study compared the environmental impact of using polyethylene terephthalate (PET) plastic with the environmental impact of using recycled PET to manufacture new Original HP ink cartridges. For details, see hp.com/go/RecycledPlasticsLCA

³ A Four Elements Consulting 2011 study, commissioned by HP, compared Original HP LaserJet CB436A and CC364A black toner cartridges with a sample of remanufactured alternatives across eight impact categories. For more information, visit hp.com/go/lj-lca-na

⁴ A QualityLogic 2010 study, commissioned by HP, compared Original HP LaserJet toner cartridges with remanufactured toner cartridges sold in North America for the HP LaserJet P1505 and P4015 printers, HP 36A and 64A. For details, see qualitylogic.com/NAremanreport.pdf

⁵ HP papers certified under FSC®C017543 or PEFC™ PEFC/29-31-198.

⁶ As of April 2011. Based on nominal payload of 40,000 pounds.

