



Article Side

HP LaserJet toner cartridge – What Separates it from Other cartridges? [Alyssa Hendricks](#)

Article published on December 11th 2011 | [Hardware](#)

In laser printing, the technology infused into the HP LaserJet toner cartridge design is the most important aspect because it plays host to the development of digital datum coming from the computer. In recent printer design where the Organic Photo Receptive or OPC Drum is bundled-up together with the toner supply chamber, the toner cartridge is literally 70% of the entire printer's imaging system. The other 30% composes the printer print engine, the fuser assembly and all electronic gadgetry devised to run and control the printing sequences.

The toner cartridge defines print quality; is a fact because cartridges that are less technically inclined can cause a battery of print defects. Cartridge's ill-devised to handle interface transitions results in banding in printouts. Remember that components inside the printer rotate at blinding speed, so smooth transition between rotating components must be perfected to avoid irregularities in the delivered prints and wear and tear to the printer parts.

The toner cartridge, the critical component; as such HP (Hewlett Packard) design engineers put premium in the development of toner cartridges. Everything has been engineered to provide users gratifying printing experience, from the ultra sensitive response of the OPC Drum, to the unequalled quality of toner and to the technically advanced toner cartridge. The different innovation is what actually inspires the creation of the HP LaserJet toner cartridges, so users will be privy to exceptional print quality, page after page -- a commitment that HP offered to its consumers worldwide.

The HP LaserJet toner cartridge advantage; can be clearly appreciated in the performance, because it delivers hassle free printing up to the end-life of the cartridge. While some other toner cartridges suffer frequent user intervention, HP cartridges are different since users only approach the printer to retrieve prints or replace empty cartridges. Here's what makes HP LaserJet toner cartridges entirely different from the rest;

It introduced the helical roller drive mechanism, responsible for totally eliminating banding and improves grayscale transition up to deep blacks.

It introduced into the market the dual polymer toner formulation, specifically devised to deliver clear, optimal quality printouts.

It introduced cartridge magnetic seals obviously to totally stop toner leaks that result in clean prints and less maintenance procedures on the printer parts. The cartridge magnetic seal is a very important innovation because toner particles are so minute that it could escape confinement -- that will eventually collect into sensitive printer components.

The right toner cartridge that must be used to print is really an issue of paramount importance, because it not only affects print quality, but also the maintenance procedures done on the printer that could really be expensive.

Next time a replacement toner cartridge is necessary, pick one with a quality similar to HP to experience hassle-free printing.

Article Source:

<http://www.articleside.com/hardware-articles/hp-laserjet-toner-cartridge-what-separates-it-from-other-cartridges.htm> - [Article Side](#)

[Alyssa Hendricks](#) - About Author:

For your laser printing requirements, check out Toner Refill Store for its line of toner refill kits, a [refilled toner cartridges HP LaserJet](#) and other affordable printer consumables.

Article Keywords:

hp toner cartridges, refilled toner cartridges hp laserjet 4, hp laser toner cartridges, oem hp color laser jet toner cartridges, hp laser printer toner cartridges

You can find more [free articles](#) on [Article Side](#). Sign up today and share your knowledge to the community! It is completely FREE!