



single ink
chamber



hp no. 10 ink cartridges & hp no. 10 printheads

HP No.10 Cyan, Magenta, Yellow and Black Ink Cartridges are separate, high-capacity cartridges designed specifically for HP 2000C/2500C Professional Series and HP DesignJet ColorPro CAD and GA printers. Together with HP No.10 Printheads, they are the key components of the HP Modular Ink Delivery System.

six times more ink for real productivity

HP No.10 colour cartridges hold up to six times more ink than integrated cartridges, saving on cost, reducing waste and increasing replacement intervals. Colour cartridges each hold 28 ml of ink and will average 1750 colour pages at 15% density. The black ink cartridge (69 ml) will produce an average of 1400 pages at 5% density. They are individually replaceable and colour and mechanically coded to prevent them being connected to the wrong printhead.

A black printhead lasts approximately 12,000 pages. A colour printhead lasts for approximately 24,000 pages.

smart chips to maximise print quality

Each printhead has its own smart chip which, along with the smart chips in the ink cartridges, monitor print performance, fine tune the printhead to optimise print quality and provide an alert when ink is low or when the printhead needs replacing.

features

- designed for hp 2000c/2500c professional series and hp designjet colorpro cad and ga printers
- separate cartridges and printheads
- embedded smart chips
- advanced hp technology in the printheads delivers ultra-small ink drops
- genuine hp print quality
- specially formulated hp inks

benefits

- high performance, high productivity system specifically developed for office use – fast printing, low cost-per-page
- individually replaceable – only replace the colour used up; ideal for frequent use
- monitor ink usage with alerts when printheads and ink cartridges need replacing; monitor and maintain peak print performance
- high quality colour prints, more tones and shades, fewer visible dots; vibrant, real life results even on plain paper
- hp ink cartridges and printheads, together with hp printers and speciality papers, work together to deliver professional print quality at exceptional speeds
- ensures blackest blacks and vivid dye-based colours for prints that are always sharp and always clear



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frequently asked questions

what are the benefits of separate ink cartridges and printheads?

As the ink is separate from the printhead, replacing a cartridge doesn't mean having to replace a printhead. And with separate cartridges for each colour, only the colour that's run out needs to be replaced. In the same way, there are separate printheads for each colour and these can also be replaced individually, lowering printing costs while at the same time ensuring maximum print quality.

why produce separate components now, when hp has always offered integrated supplies?

Ten years of manufacturing experience have enabled us to produce long-life printheads while still ensuring HP-level quality. With a life of 12,000+ pages, a separate printhead makes sense. This lifespan is extremely beneficial to customers using high

throughput printers such as the HP 2000c/2500c and HP Designjet ColorPro Series. For light-to-medium volume users, such as the home market, there are economic advantages to integrated, disposable print cartridges and we will continue to introduce new HP printers with integrated HP print cartridges to meet these customers' needs.

why not use 'permanently embedded' printheads?

Unlike HP No.10 printheads, printheads that are embedded in the printer's writing carriage usually require start-up procedures that waste both ink and time. Furthermore, when the nozzles of a 'permanent' printhead clog, quality deteriorates until they are professionally serviced – which is costly. HP No.10 printheads are readily available and replaceable in minutes.

could out-of-date inks damage the printhead?

Potentially, yes, so we've created in-built protection to ensure that only 'in-life' cartridges can be used. Each cartridge has a 24 month shelf life dating from its time of manufacture, which is recorded on the smart chip. A 30 month in-printer life then begins on the day the cartridge is first inserted into the printer, which is also recorded on the smart chip. In order to protect the life of the printhead, if a cartridge is installed after the shelf life expiry date the printer will not accept it. Printheads, like cartridges, also contain some ink and have a shelf life of 18 months.

hp inkjet print cartridge product specifications

	hp no.10 black ink cartridge c4844ae	hp no.10 cyan ink cartridge c4841ae	hp no.10 magenta ink cartridge c4843ae	hp no.10 yellow ink cartridge c4842ae
p/n				
hp selection no.	10	10	10	10
ink volume	69 ml	28 ml	28 ml	28 ml
yield (average)	1400 (at 5% density)	1750 (at 15% density)	1750 (at 15% density)	1750 (at 15% density)
dimensions (l x w x d)	140 x 125 x 38mm	140 x 107 x 23mm	140 x 107 x 23mm	140 x 107 x 23mm
wt.	160 g	94 g	94 g	94 g
	hp no.10 black printhead c4800ae	hp no.10 cyan printhead c4801ae	hp no.10 magenta printhead c4802ae	hp no.10 yellow printhead c4803ae
p/n				
hp selection no.	10	10	10	10
lifespan (ave)	12,000 pages	24,000 pages	24,000 pages	24,000 pages
dimensions (l x w x d)	140 x 107 x 38mm	140 x 107 x 23mm	140 x 107 x 23mm	140 x 107 x 23mm
wt.	46 g	46 g	46 g	46 g