

HP

DesignJet

Ink Supplies

HP No. 80 Ink Supplies

Ink Cartridges, Printheads and Printhead Cleaners

Hewlett-Packard's new No. 80 Ink Supplies comprise a modular ink system that includes ink cartridges, printheads and printhead cleaners for the HP DesignJet 1050C and 1055CM printers. HP No. 80 ink cartridges and printheads with new, proprietary JetExpress technology deliver hassle-free, clear, sharp results – fast.

Ideal Customers

- High-productivity technical professionals who use HP DesignJet 1050C/1055CM printers: Mechanical CAD (MCAD); Architecture/Engineering/Construction (AEC); Electronic/ Electrical Design (EE); and Geographic Information Systems (GIS).
- Administrative/office managers, purchasing agents, IT and printer maintenance personnel who select and purchase supplies for HP DesignJet 1050C/ 1055CM printers.
- Secondary target customers include print service providers, retailers and corporate office staff who use HP DesignJet 1050C/1055CM printers.

Key Sales Messages

Breakthrough printing speeds

HP No. 80 printheads with JetExpress technology raise the bar for fast, unattended inkjet printing for technical applications. JetExpress technology helps the printer achieve unmatched speeds: up to six times faster than the HP DesignJet 700 Series printers.*

Excellent results with no guesswork

With new, built-in smart chips, HP No. 80 printheads and ink cartridges automatically work with the printer to provide precise black and colour lines and high-quality colour renderings, maps and graphics every time.

Always clear, always sharp

HP No. 80 Ink Supplies are HP engineered and tested to work precisely with HP DesignJet 1050C/1055CM printers and compatible HP printing material to deliver professional results that are always clear and sharp.

Features and Benefits

HP No. 80 printheads with JetExpress technology produce faster printing speeds:

- JetExpress technology delivers a revolutionary one-inch-wide (2.54 cm) printhead with 512 nozzles to produce the fastest, most precise printing of any HP DesignJet printer.

- Prints almost a 2.5 cm swath with each pass, resulting in two to three times faster printing speed over typical 1.25 cm or smaller integrated print cartridges.
- True 600 x 600 dpi resolution produces precise black and colour line drawings and high-quality colour renderings, maps and graphics.



* Printing time only for A1/D-size colour line drawing, draft mode, bond paper.

HP No. 80 Ink Supplies

For outstanding print quality without guesswork, built-in smart chips in HP No. 80 printheads and ink cartridges communicate directly with the printer to:

- Help your customers avoid running out of ink unexpectedly by monitoring approximate ink levels. This is ideal for overnight or unattended printing on material up to 91 m long.
- Deliver results that are always clear and sharp by detecting when printheads are wearing out and need replacement. Just snap in a new one and keep working.

HP No. 80 ink cartridges are conveniently packaged in two sizes to fit your customers' printing needs:

- 350 ml cyan, magenta, yellow dye-based inks and pigmented black ink for high-volume, overnight or unattended printing.
- 175 ml cyan, magenta and yellow dye-based ink for smaller, less frequent colour printing jobs.

HP No. 80 Ink Supplies are modular components of the ink system:

- Ink cartridges are sold individually while printheads come with a printhead cleaner. A value pack containing all three components is also offered.
- Lower cost per print and less user handling are benefits of replacing printheads separately and less frequently than ink cartridges.
- Purchasing supplies as a value pack provides cost savings as well as convenience.

Printhead cleaners are bundled with printheads in order to:

- Ensure printhead cleaner is replaced every time the printhead is changed to keep printheads in peak running condition.

- Extend printhead life and ensure consistency of printhead performance.
- Help prevent nozzle-clogging problems experienced by other manufacturers' permanent printheads.

DesignJet printers compatibility:

HP DesignJet 1050C and 1055CM Printers.

HP No. 80 selection system:

Selecting the correct supplies is now easier. As part of a new supplies selection system, HP ink cartridges, printheads and printhead cleaners for the HP DesignJet 1050C and 1055CM display a large 80 on each package. With this easy-to-use system, your customers can identify their modular ink supplies more easily.

- Number of Nozzles 512
- Print Resolution True 600 dpi

Printhead life:

The printhead life is anticipated to be 12 months in the printer or after 700 ml of ink usage, whichever comes first, under normal operating conditions, and provided the 'install before' date has not lapsed. (Using HP ink cartridges only. Actual results will vary.)

HP Printing Material for

HP DesignJet 1050C/1055CM Printers:

- HP Bright White Inkjet Paper 45 m
- HP Bright White Inkjet Paper 91 m
- HP Translucent Bond
- HP Vellum
- HP Natural Tracing Paper
- HP Clear Film
- HP Matte Film
- HP Coated Paper
- HP Heavyweight Coated Paper
- HP High-Gloss Photo Paper
for DesignJet 1000 Series

Product Information and Specification

HP No. 80 Ink Cartridges

One size of black and two sizes of colour ink cartridges allow customers to match printing needs with cost of purchase.

Colour	HP Selection Number	Ink Volume	HP Product Number*
Black	80	350 ml	C4871A
Cyan	80	350 ml	C4846A
Magenta	80	350 ml	C4847A
Yellow	80	350 ml	C4848A
Cyan	80	175 ml	C4872A
Magenta	80	175 ml	C4874A
Yellow	80	175 ml	C4873A

* Product numbers are not sequential.

HP No. 80 Printheads and Printhead Cleaners

Because printhead cleaners must be replaced along with the printheads, these products are packaged together in one kit. The printhead cleaners maintain the health of the printheads to ensure maximum print quality and printhead life.

Colour	HP Selection Number	HP Product Number
Black	80	C4820A
Cyan	80	C4821A
Magenta	80	C4822A
Yellow	80	C4823A

HP No. 80 Value Packs (Printhead, Printhead Cleaner and Ink Cartridge)

Colour	HP Selection Number	Total Ink Volume	HP Product Number
Black	80	350 ml	C4890A
Cyan	80	350 ml	C4891A
Magenta	80	350 ml	C4892A
Yellow	80	350 ml	C4893A

HP No. 80 Ink Cartridge Product Specifications

Product *	Colour	Ink Volume	Selection No.	Qty.	Dimension (L x W x D)	Weight	UPC Codes
C4871A	Black	350 ml	80	1	114.3 x 55.9 x 226 mm	.64 kg	0 88698-62915 4
C4846A	Cyan	350 ml	80	1	114.3 x 55.9 x 226 mm	.64 kg	0 88698-62916 1
C4847A	Magenta	350 ml	80	1	114.3 x 55.9 x 226 mm	.64 kg	0 88698-62917 8
C4848A	Yellow	350 ml	80	1	114.3 x 55.9 x 226 mm	.64 kg	0 88698-62918 5
C4872A	Cyan	175 ml	80	1	114.3 x 55.9 x 226 mm	447 g	0 88698-62912 3
C4874A	Magenta	175 ml	80	1	114.3 x 55.9 x 226 mm	447 g	0 88698-62913 0
C4873A	Yellow	175 ml	80	1	114.3 x 55.9 x 226 mm	447 g	0 88698-62914 7

* Product numbers are not sequential

HP No. 80 Printhead and Printhead Cleaner Specifications

Product	Colour	Selection No.	Qty.	Dimension (L x W x D)	Weight	UPC Codes
C4820A	Black	80	1 x printhead/printhead cleaner	114.3 x 35.5 x 264 mm	171 g	0 88698-54162 3
C4821A	Cyan	80	1 x printhead/printhead cleaner	114.3 x 35.5 x 264 mm	171 g	0 88698-54163 0
C4822A	Magenta	80	1 x printhead/printhead cleaner	114.3 x 35.5 x 264 mm	171 g	0 88698-54164 7
C4823A	Yellow	80	1 x printhead/printhead cleaner	114.3 x 35.5 x 264 mm	171 g	0 88698-54165 4

HP No. 80 Value Pack Specifications

Package	Colour	Selection No.	Qty.	Dimension (L x W x D)	Weight	UPC Codes
C4890A	Black	80	1 x printhead/cleaner/ink cartridge	114.3 x 91.4 x 264 mm	.82 kg	0 88698-62919 2
C4891A	Cyan	80	1 x printhead/cleaner/ink cartridge	114.3 x 91.4 x 264 mm	.82 kg	0 88698-62920 8
C4892A	Magenta	80	1 x printhead/cleaner/ink cartridge	114.3 x 91.4 x 264 mm	.82 kg	0 88698-62921 5
C4893A	Yellow	80	1 x printhead/cleaner/ink cartridge	114.3 x 91.4 x 264 mm	.82 kg	0 88698-62922 2