

# HP Fast Dry Black Print Cartridge



The HP C6195A Fast Dry Black print cartridge achieves high-speed printing, yet maintains superior print quality on porous media.



## Features

The C6195A Fast Dry Black disposable print cartridge contains water-resistant, pigment-based ink that produces exceptional results at high speeds on porous media. This innovation in HP inkjet technology has been specially designed and manufactured for use in industrial printing markets.

Fast Dry Black ink dries in less than one second on porous media. The print cartridge is designed to print 600 dots per inch for use in applications where high-quality output is required.

Non-contact, drop-on-demand inkjet technology ensures reliable, quiet printing. Integrated Driver Head (IDH) technology coordinates individual nozzles through a multiplexing scheme that fires all 300 nozzles through 52 interconnect pads.

The print cartridge can be snapped in and out for easy replacement. The cartridge also has a thermal sense resistor, which measures temperature, and enables thermal management and burnout protection for the print head.

## Benefits

HP's Fast Dry Black print cartridge offers:

- Higher production and faster printing on porous media without heating or drying.
- Sharp, dark black text with high optical density in a single pass.
- Fast drying, water-resistant ink that prevents bleeding or streaking.
- Easy replacement, which ensures print quality and lowers maintenance costs.

## Why choose HP?

HP is the worldwide leader in imaging and printing technologies. We bring our innovative, reliable, environmentally-friendly, and easy-to-use solutions to a variety of industrial markets. As pioneers of thermal inkjet printing, HP knows the technology inside and out.

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## Frequently asked questions

- Who are the ideal users of the C6195A?** The C6195A Fast Dry Black print cartridge is designed for printing applications that require high-quality output on porous media.
- What are the key advantages of this print cartridge?** Designed for the industrial market, the C6195A provides the following benefits:
- Faster drying, which translates into faster production, higher output, and lower cost. Fast Dry Black dries in less than one second on plain paper stock without heating or drying.
  - Water-resistant ink eliminates bleeding and streaking.
  - Produces sharp, dark, black text with high optical density in a single pass.
  - Easy to replace, disposable print cartridge keeps print quality high and lowers printer maintenance costs.
- What are the advantages of HP Thermal Inkjet (TIJ) Technology?**
- Cost-effective. Requires no warm-up cycle and no downtime. When it's time to replace a print cartridge, replace only the one that's needed.
  - Easy to use. No special training is required to operate and maintain thermal inkjet printers. The print cartridge design allows it to be snapped in and out for easy replacement.
  - Fast. Hundreds of tiny nozzles firing at a high frequency allow high-quality printing at high speeds.
  - Reliable. TIJ is less sensitive to air bubbles in the firing chamber than other printing technologies, avoiding print quality problems and delays caused by trapped air.
  - Flexible. Supports a wide variety of media.
  - High quality. TIJ places smaller drops more accurately, producing consistently superb image and text quality.
  - Environmentally safe. With thermal inkjet, there is no need for service technicians qualified to handle volatile solvents, and no noxious fumes.
  - Lower cost of ownership. A thermal inkjet printer can cost tens to hundreds of thousands of dollars less than other printing equipment, reducing the market entry cost.

## Technical specifications

P/N	C6195A
Ink type	Pigmented aqueous ink
Resolution	600 dpi
Nozzle count	300
Print swath	.5 in
Maximum firing frequency	12 kHz
Avg. drop volume	30 pl
Avg. delivered ink (ccs)	42 ccs
Number of electrical interconnect pads	52
Operating conditions	10 to 40° C, 10 to 80% RH
Shipping/storage conditions (in original packaging only)	10 to 30° C, 5 to 80% RH Altitude: 0–5000 meters Orientation: nozzle up or side

## Contact information

To discuss inkjet technology OEM opportunities with HP:

- Go to [www.hp.com/oeminkjet](http://www.hp.com/oeminkjet) and send us an email message.
- Call 858-655-3524 and leave a voicemail message.
- Mail your inquiry to: Hewlett-Packard Company, Specialty Printing Systems, Mailstop 66-654, 16399 West Bernardo Drive, San Diego, CA 92127, USA.