

HP Versatile Black Print Cartridge



The HP C8842A Versatile Black print cartridge achieves high-speed printing, yet maintains superior print quality and dry time requirements on porous and coated media.

Features

The C8842A Versatile Black print cartridge contains a pigment-based ink that produces exceptional results on coated media. This innovation in HP inkjet technology has been specially designed and manufactured for use in industrial printing markets. The Versatile Black print cartridge is a reliable, 100% tested product for printing on both porous and non-porous coated media.

The Versatile Black print cartridge offers a solution for a variety of printing operations. This print cartridge is fast drying and can handle high printing speeds on both porous and coated media. For best results on coated media, a heater should be used. This print cartridge provides print quality without transfer and without the need to change cartridges between media. It even prints on Tyvek®.

Benefits

HP's Versatile Black ink and thermal inkjet technology bring new opportunities to industrial printing applications.

This product offers:

- Lower printer purchase price and maintenance costs.
- Higher production and faster printing on both porous and coated media, without the need to change inks.
- Sharp, rich, black text and high-quality spot color on coated paper in just a single pass, without transfer and without sacrificing speed.

Versatile Black, which is similar to other HP thermal inkjet inks, is environmentally friendly. It is water-based, not solvent-based, so there are no harmful fumes to create extra challenges and no need to buy special chemical cleaners or hire service technicians who are qualified to handle volatile solvents.

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 intended users of the C8842A? The C8842A Versatile Black is specifically designed to meet the requirements of companies in a variety of industrial printing markets that have the need to print on both porous and non-porous coated media.

What are the key advantages? Designed for the industrial market, this print cartridge contains an innovative type of ink called Versatile Black. This pigment-based ink, designed to print on coated media, provides the following benefits:

- Faster drying, which translates into faster production, higher output, and lower cost. Versatile Black ink dries in less than one second on porous paper without heating. When printing on glossy paper, use of a standard IR dryer will reduce uniform drying time of Versatile Black ink to less than a second. It will not smear on either coated or uncoated media.
- Excellent print quality over a wide range of plain and glossy paper, on Tyvek®, and on some types of varnish.
- Light-fast and water-fast.
- Produces sharp, dark, black text with high optical density in a single pass.
- Ability to print on both porous and coated media, without changing inks, keeps production rates high.

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

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|----------------------------------------------------------|---------------------------------------------------------------------------------------|
| P/N | C8842A |
| Ink type | Pigmented aqueous ink |
| Resolution | 600 dpi |
| Nozzle count | 300 |
| Print swath | .5 in |
| Maximum firing frequency | 12 kHz |
| Avg. drop volume | 29 pl |
| Avg. delivered ink (ccs) | 40 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 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.