

HP Red Pigment Print Cartridge



The HP C6128A Red Pigment print cartridge is the ideal solution for applications that require a more water-fast red ink and superior print quality on a wide variety of porous media.



Features

HP designed this Red Pigment print cartridge for applications that require more water-resistance and higher output on a variety of porous media, including those made from recycled fibers.

Bright red, pigmented ink and HP's thermal inkjet technology achieves a high level of water-resistance and print quality. Legibility is maintained, even after a 24-hour water soak.

This print cartridge is designed to print 600 dots per inch and the ink takes less than one second to dry on porous media. The print cartridge can be snapped in and out for easy replacement.

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 has a thermal sense resistor, which measures temperature, and enables thermal management and burnout protection for the print head.

Benefits

HP's Red Pigment print cartridge:

- Won't bleed or streak, even under extreme moisture conditions.
- Produces permanent, crisp, consistent, red imprints on a variety of materials and surfaces.
- Uses non-contact, drop-on-demand thermal inkjet technology to ensure quiet printing.
- Retains print quality at a lower cost and with less maintenance than other technologies.

Why choose HP?

HP is the worldwide leader in imaging and printing technologies. We bring our innovative, reliable, environmentally-responsible, 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 C6128A?

The C6128A Red Pigment print cartridge is designed for companies whose printing applications require more water-resistant bright red ink.

What are the key advantages of this print cartridge?

- Provides high-quality printing on a variety of porous media, even those made from recycled fibers.
- Easy replacement ensures print quality and lowers maintenance costs.
- Water-resistant, bright red ink prevents bleeding or streaking under extreme moisture conditions.
- Non-contact drop-on-demand thermal inkjet technology ensures quiet printing.

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 responsible. 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	C6128A
Ink type	Red 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)	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.