

HP Bulk Inks



Blue 2242 Pigment



Red



Red UV Fluorescent



Versatile Black



Black 1918 Dye



Black 4500 Pigment

HP Bulk Inks deliver superior print quality using proven technology in a robust, flexible printing solution designed to meet the needs of high-volume commercial printing applications.



Features

HP Bulk Inks are an advanced, robust solution for high-volume print applications. Designed to work with HP's flexible Bulk Ink Delivery System, these inks offer superior print quality and low cost per copy with minimal user intervention.

This system offers end users:

- A variety of ink types that produce sharp, crisp output at high speeds without transfer and smearing on both coated and uncoated media.
- A choice of ink colors: pigmented and dye-based blacks, blue, red, or any combination of the above.
- Bulk ink capacity in a convenient, clean, easy-to-handle cartridge.
- Independent replacement of printheads and ink cartridges.
- Superior ergonomic design that ensures quick, simple, and reliable replacement of printheads and ink cartridges.

HP water-based inks offer proven performance and deliver superior output on a wide range of media. They do not require harsh chemical cleaners, flushing liquids, venting hoods, or specially trained operators.

Benefits

HP Bulk Inks combine all the great features of HP's proven inks with a robust and flexible ink delivery system designed to meet the needs of high-volume commercial printing applications.

- End users can choose from a variety of ink types and colors that offer more versatility and deliver economical results in a convenient, no-mess package.
- Modular design offers a choice of printhead and ink cartridge configurations to achieve almost any desired print swath.
- Printheads and ink cartridges can be changed independently, minimizing replacement costs and maximizing production run efficiencies.
- Superior ergonomic design ensures quick, simple, and reliable replacement.
- Bulk ink cartridges minimize operator interventions, and eliminate messy handling and disposal procedures.

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.



HP Bulk Inks

Ink types

Black 4500 Pigment	This rich, pigmented black ink delivers optimal image quality on a broad set of porous substrates. High-quality optical density, a long decap time, and water resistance make this ink perfect for both intermittent printing and high-volume applications. It produces excellent readability for barcodes, package coding, and mailing applications.
Versatile Black	HP's innovative, water-based, pigmented black ink is designed to work on a wide variety of coated and uncoated media. Fast dry time and high durability produces clear, crisp output with no smearing or transfer.
Black 1918 Dye	This dye-based black ink delivers a longer decap time than pigmented inks. In stop and start or intermittent print environments, this ink can deliver better economy with less servicing. Additionally, Black 1918 Dye ink can produce superior results over pigmented ink on some coated media.
Red	This fast-drying pigmented color ink delivers sharp output on almost all commonly available media. This red ink is the right choice for highlighting key messages and information.
Blue 2242 Pigment	HP's pigmented blue ink delivers durable, water- and light-fast printed output on a very broad set of media. This quick-drying ink is tough enough to stand up to harsh postal conditions and works exceptionally well on common packaging materials.
Red UV Fluorescent	This ink is specifically designed to meet strict postal requirements for security-enhanced information on envelopes and other mail items. This ink is available for postal indicia applications only.

Technical specifications

	Printheads	Bulk ink cartridges
Resolution	600 dpi	N/A
Nozzle count	300	N/A
Maximum firing frequency	12 kHz	N/A
Approx. drop volume	29 pl	N/A
Avg. delivered ink	Application and ink specific	175/350 ml
Operating conditions	10 to 40° C, 10 to 80% RH	10 to 40° C, 10 to 80% RH
Shipping/storage conditions	10 to 40° C, 5 to 80% RH Altitude: 0–5000 meters Orientation: nozzles down or horizontal	10 to 40° C, 5 to 80% RH Altitude: 0–5000 meters

Ordering information

Printheads	
Product number	Product description
Q2320A	Versatile Black Bulk Printhead and Connector Assembly
Q2324A	Red UV Fluorescent Bulk Printhead and Connector Assembly
Q2345A	Black 1918 Dye Bulk Printhead and Connector Assembly
Q2357A	Red Bulk Printhead and Connector Assembly
Q2382A	Blue 2242 Pigment Bulk Printhead and Connector Assembly
Q7456A	Black 4500 Pigment Printhead

Bulk ink cartridges	
Product number	Product description
Q2321A	Versatile Black 350ml Bulk Ink Cartridge
Q2325A	Red UV Fluorescent 175ml Bulk Ink Cartridge
Q2355A	Red UV Fluorescent 350ml Bulk Ink Cartridge
Q2346A	Black 1918 Dye 350ml Bulk Ink Cartridge
Q2358A	Red 350ml Bulk Ink Cartridge
Q2381A	Blue 2242 Pigment 175ml Bulk Ink Cartridge
Q2356A	Blue 2242 Pigment 350ml Bulk Ink Cartridge
Q7457A	Black 4500 Pigment Bulk Ink Cartridge

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.