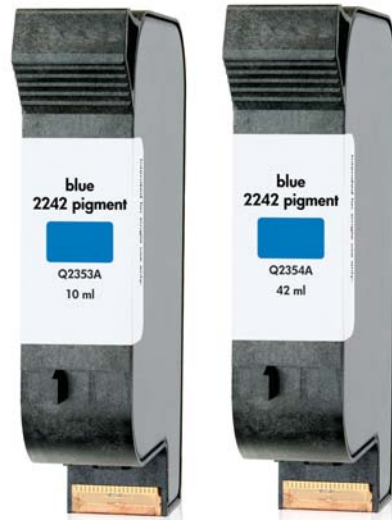


# HP Blue 2242 Pigment Print Cartridges



The HP Q2353A and Q2354A Blue 2242 Pigment print cartridges achieve consistent, high-quality, cost-effective results for mail printing, and meet key postal authority requirements for both color and durability.



## Features

The Q2353A (10 ml) and Q2354A (42 ml) Blue 2242 Pigment print cartridges are versatile additions to HP's portfolio of postal and mail printing ink solutions. Although designed primarily for mail postage and digital franking, they are also suitable for mail printing applications.

These print cartridges contain Blue 2242 Pigment ink, which is formulated to meet Universal Postal Union guidelines for color and durability. This ink produces dynamic, eye-catching blue output that also enhances any direct mail piece. Use it to attract the attention of direct mail recipients with personalized messages, such as "Jim, thank you for being our loyal customer" or "Sandra, your 10,000 mile service is due within the next two weeks."

The excellent qualities of this pigmented ink make it resistant to smearing, bleeding, and fading under bright light and wet conditions.

These print cartridges, designed with non-contact, drop-on-demand thermal inkjet technology (TIJ), are ideal for applications where logos, addresses, barcodes, personalized messaging, and indicia are printed on a variety of mail sizes and thicknesses. They can be snapped in and out for clean, easy replacement when empty, or when a different color or ink type is desired.

## Benefits

The Blue 2242 Pigment print cartridges are:

- Versatile. These print cartridges produce bright blue, attention-grabbing results for a variety of direct mail applications.
- Durable. Water and fade-resistant Blue 2242 Pigment ink meets key postal authority requirements.
- Economical. A choice of ink reservoirs (10 ml or 42 ml) lets customers select the right size for their business.
- Efficient. Drop-on-demand technology makes maximum use of ink supplied in the print cartridge.
- Cost effective. Customers pay for the amount of ink they need. The smaller ink reservoir of the Q2353A print cartridge is ideal for low-volume printing environments.
- Easy to use. Snap-in replacement eliminates the need for specialized training and service calls.

Mail service providers can use these products to leverage off their investment in front-end services. Adding clear, crisp text and logos enhances existing services, such as data matching, geospatial analysis, address parsing, as well as standardizing and correction.

## Why choose HP?

HP is the worldwide leader in imaging and printing technologies. We bring our innovative, reliable, 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 Q2353A and Q2354A?

These print cartridges are specifically designed for the mail postage and mail printing markets. They can be used extensively as spot color in the mail printing market.

- Mail printing businesses can complement and augment their services with the addition of personalized messages and logos on direct mail pieces.
- Mail postage and digital franking providers get the durability and color they need to meet postal authority requirements for mailings.

### What are the key advantages of Blue 2242 Pigment ink?

This ink is designed to withstand the tough postal conditions that direct mail pieces encounter—wet conditions, frequent contact with other mail items, and bright light. Blue 2242 Pigment ink is resistant to moisture, fading, and smearing.

### 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 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.
- 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	Q2353A	Q2354A
Ink type	Blue pigment-based ink	Blue pigment-based ink
Resolution	600 dpi	600 dpi
Nozzle count	300	300
Print swath	.5 in	.5 in
Maximum firing frequency	12 kHz	12 kHz
Avg. drop volume	21 pl	21 pl
Avg. delivered ink	10 ml	42 ml
Number of electrical interconnect pads	52	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 sideways	

## 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.