

HP Black 2580 Solvent Print Cartridge



Extend your mail addressing capabilities with broad substrate flexibility



Applications

Mail printing solutions—including direct mail imprinting, mail addressing, and labeling.

Key highlights

- Fast print speeds
- High print definition for small text font size, QR codes, and IMB and 2D barcodes
- Long decap time—ideal for intermittent printing
- Excellent adhesion and durability
- Smear-, fade-, and water-resistant¹ prints
- Fast dry time without heat assistance

Try HP Black 2580 solvent ink on:

- Aqueous or UV-coated media, including envelopes, cut sheet paper, and card stock
- Flexible PVC and PET, such as loyalty cards
- Pre-printed and ultra-glossy mail pieces including postcards, faux cards, and plastic-wrapped magazines

¹Smear-, fade-, and water-resistance testing by HP Image Permanence Lab. Ink performance may vary based on substrate, printing system, and environmental conditions. Test the ink in your application to understand true performance.

Expand your mail addressing offering with HP Black 2580 solvent ink, providing a flexible and cost-effective solution that enables printing on a wide variety of non-porous substrates. HP Black 2580 solvent ink, with the optimized HP 45si Print Cartridge, delivers fast speeds and high-quality results demanded of mail printing solutions.

Expand your reach with wider substrate versatility

Increase your mail addressing capabilities. HP Black 2580 solvent ink enables you to use your HP Thermal Inkjet-based (TIJ) equipment to print on a broader range of substrates including aqueous and UV-coated substrates as well as flexible PVC cardstock.

Produce high-quality results

Mail addressing applications demand crisp, clear prints and, often, small text font size, QR codes, and IMB and 2D barcodes. HP Black 2580 solvent ink delivers excellent adhesion and high print quality that enhances the readability of barcodes—now on a wide variety of non-porous mail substrates.

Boost efficiency and productivity with long decap time

The long decap time on HP Black 2580 solvent ink means fewer service interruptions between print jobs or printing downtime.

Achieve high throughput

HP Black 2580 solvent ink, combined with HP 45si Print Cartridge technology, delivers fast speeds—up to 300 feet (91 m) per minute.

Maximize the use of your existing TIJ equipment

HP can help improve your return on assets. Applying your existing hardware to more substrates means increased efficiency and profit potential.

Technical specifications



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Ink type	Original HP solvent ink
Print cartridge type	HP 45si Print Cartridge optimized for non-porous printing with built-in intelligence
Resolution	Up to 600 dpi (recommended 300 x 300 dpi)
Nozzle count	300
Print swath	12.7 mm (0.5 in)
Throw distance²	Up to 5 mm
Firing voltage	8.7 V
Fire pulse width	1.8 microseconds
Pulse warming	Off
Average drop volume	30 pl
Average delivered ink	35 ml (vertical)
Number of electrical interconnect pads	52 + 4 (printhead + Smart card)
Operating conditions	15 to 35° C / 59 to 95° F, 35 to 80% RH
Print cartridge servicing	Use lint-free wipe that is either dry or wetted with ethanol or isopropyl alcohol (IPA)
Shipping/storage conditions	-20 to 35° C / -4 to 95° F, 20 to 80% RH (if product is below 10° C, a 6-hour warm-up within the operating temperature is required prior to use) Altitude: 0 to 5000 meters (0 to 16,404 feet) Orientation: nozzles up or side
Additional shipping requirements	Dangerous goods restrictions; for more information, see the Material Safety Data Sheet (MSDS) at hp.com/go/spsmsds

Ordering information

Product number	Product description
B3F58A	HP Black 2580 Solvent Print Cartridge

² Recommended. May vary by application.

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