HP TIJ 2.5 Industrial Ink Portfolio

Why choose Original HP industrial inks?
You can trust HP to keep your printing running smoothly—we set the standard. No-fail print cartridges[2] mean you get hassle-free printing. In recent testing, every HP print cartridge tested provided reliable, consistent performance from sharp, legible text and lines to mail barcode readable output to consistent quality, cartridge to cartridge.[2] Applying over 30 years of expertise with HP Thermal Inkjet printing technology, HP engineers have studied the interactions between inks and substrates to develop a line of specialty inks customized for a wide variety of industrial and commercial applications, offering all the benefits, quality, and reliability of genuine HP products.

[1] 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 with your application to understand true performance.

[2] Based on August, 2010 SpencerLab Digital Color Laboratory testing of a range of HP TIJ 2.5 industrial print cartridges, including bulk supplies; 30 cartridges each of five ink types were tested; none of the HP print cartridges tested were dead-on-arrival or had early failures.

Look to HP industrial printing supplies to provide a full range of benefits suited to your business needs. Low-maintenance, high-quality printing helps you gain operational and cost efficiencies. From eye-catching direct mail to high-resolution barcodes, text, or graphics, HP's wide variety of ink supplies—in a range of form factors—offers the right solution for your business.

See high-quality, durable results[1]
HP's spectrum of TIJ 2.5 inks supports a wide variety of applications and substrates. Each ink accentuates certain performance characteristics such as substrate coverage, fast drying time, long decap time, or durability.

Experience consistent, reliable printing
Every HP inkjet print cartridge must meet strict quality standards. All HP inks are subject to a battery of tests to prevent problems that may degrade image quality, such as microscopic contaminants that can clog printhead nozzles. With HP, you can count on consistent printing performance and reliable results.

Gain operational, cost efficiencies
Save time, improve productivity, and lower your overall printing costs. Self-contained, customer-replaceable HP print cartridges nearly eliminate time-consuming and routine maintenance, and enable a quick switch between inks and print jobs. And bulk solutions designed for high-volume industrial printing help minimize operator intervention and maximize your productivity—and your profit margins—over large print runs.

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This chart provides key highlights for each of the products in the HP TIJ 2.5 Industrial Ink Portfolio. For additional guidance to help you choose the ink best matched to your needs, please visit hp.com/go/inkselection.

Product name	Description	Type	Product numbers Integrated printhead 40/42 ml	Bulk ink supply 370 ml	Printhead	Bulk ink 350 ml
HP Black 4500 Ink	Sharp, crisp print quality with minimal intervention, on primarily uncoated substrates • High-quality, sharp, crisp output • Excellent barcode readability • Fade and water resistance on a variety of substrates[3]	Pigment	51645A	C6119A	Q7456A	Q7457A
HP 45A 10 Pack	Ease, convenience, and value—10-pack of HP 4500 black ink simplifies ordering and inventory management • High-quality, sharp, crisp output • Excellent barcode readability • Fade and water resistance on a variety of substrates[3]	Pigment	CG339A			
Versatile Black Ink	High-speed printing with high optical density and fast dry time on a wide variety of substrates • Sharp, dark black text with high optical density in a single pass • Fast dry time and high durability, designed for minimum smearing or transfer • Print on both coated and uncoated substrates without changing ink	Pigment	C8842A		Q2320A	Q2321A
Fast Dry Black Ink	High-speed printing with high optical density and fast dry time on porous substrates • Fast dry time enables high-quality, high-speed printing • Sharp, dark black text with high optical density in a single pass • Fade and water resistance on a variety of substrates[3]	Pigment	C6195A			
HP Black 1918 Ink	Long decap time for intermittent printing on a wide variety of substrates • Long decap time for intermittent printing • Supports coated and uncoated papers, labels, and specialty substrates • Durable output, designed for minimum smearing or transfer	Dye	Q2344A			
Durable Black Ink	Durability, decap, and print-quality performance across porous and semi-porous substrates • Substrate variety, including coated, aqueous overcoated, and varnished substrates • Excellent durability, rub resistance[4] • Excellent barcode readability, high optical density at mid-range print speeds	Pigment	CQ849A			
HP Black 2531 Ink	High-quality intermittent printing with excellent decap time • Ink maintains optimum printhead performance for easy startup after periods of non-printing • Fast-drying ink for use in high-speed applications • High-resolution, 600 dpi printing on certain uncoated, matte, and gloss coated substrates	Dye	CG378A			
HP Black 2560 Ink	High-speed print quality, barcode readability, and decap for high-volume production • Substrate variety, including aqueous overcoated and other glossy substrates • Excellent barcode readability, high optical density • Durable, rub resistant prints[5]	Pigment	Q2392A			
HP Black 2570 Ink	Fast dry time, long decap time for high-productivity intermittent industrial printing • HP solvent ink provides both fast dry time AND a long decap time • Suitable for coding and marking on semi-porous and some non-porous substrates	Solvent	35 ml:[6] CV119A			
HP Black 2580 Ink	Fast dry time, long decap time for high-productivity intermittent industrial printing • HP solvent ink for coated foil substrates • High-quality small character and barcode readable output	Solvent	35 ml: B3F58A			
Non-fluorescent Red Ink	High-quality, water-resistant[3] red on a variety of porous substrates • Bright red impact on a variety of materials and surfaces, even recycled fibers • Formulated to meet Universal Postal Union guidelines for color and durability[7]	Pigment	C6128A 10 ml: CB962A		Q2357A	Q2358A
Blue 2242 Ink	Ideal for mail printing applications that must meet postal authority requirements[7] • Bright blue impact for a variety of direct mail applications • Formulated to meet Universal Postal Union guidelines for color and durability[7] • High-quality printing on a variety of mail sizes and thicknesses	Pigment	Q2354A 10/20 ml: Q2353A CG401A		Q2382A	Q2356A
Spot Color Blue Ink	High-speed, high-quality printing with enhanced eye appeal • Dye-based inks produce bright, eye-catching color • Dries in less than one second on porous substrates • Enables higher customer response rates; simple, easy product identification	Dye	C6170A			
Spot Color Red Ink	High-speed, high-quality printing with enhanced eye appeal • Dye-based inks produce bright, eye-catching color • Dries in less than one second on porous substrates • Enables higher customer response rates; simple, easy product identification	Dye	C6168A			

[3] 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.

[4] Dry, oil, and wet rub resistant based on internal HP testing.

[5] Dry and oil rub resistant based on internal HP testing.

[6] Compared to 40-ml SPS print cartridges with aqueous ink, 35-ml HP 2570 print cartridges with solvent ink can be expected to provide significantly more prints.

[7] For countries in which specific color inks are permitted, is formulated to meet country-specific guidelines as well as Universal Postal Union guidelines for color and durability.

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