

HP Inks

INKS FOR HP TIJ 2.5

Inks for industrial printing markets



HP inks are delivered in genuine HP45A, HP45ai or HP45si cartridges

B3F58A HP 2580 Black Solvent Ink

for print on plastics, film, wrap, metals, blister foils

HP 2580 Black Solvent Ink is designed for track and trace coding and marking. For package production facilities using coated foil substrates, HP 2580 provides durable output.

HP 2580 is delivered in HP's improved HP45si print cartridge, which enables longer throw distance and faster speeds. HP 2580 also delivers long decap time and fast dry time to achieve high-productivity intermittent printing for industrial coding applications.

- Excellent durability on coated blister foils
- Fast dry time without heat assistance
- High print definition
- Smear, fade, and water resistant

C6195A Fast Dry Black Ink

for print on porous substrates

The Fast Dry Black Ink is a water-resistant, pigment-based ink that produces exceptional results at high speeds on porous media.

Fast Dry Black Ink dries in less than one second on porous media. The print cartridge is designed to print 600 DPI for use in applications where high-quality output is required.

C6170A Spot Blue Ink

for print on porous substrates

HP designed the Spot Blue Ink for industrial printing applications that require spot colors to enhance their operations.

This cartridge produces the equivalent of the following PMS color values when printed at 600 x 300 DPI on plain white multipurpose paper and viewed under office light conditions:

C6170A (blue) Blue 3005 U

These PMS values are for reference only. Results may vary depending on paper hue and light source.

C8842A HP Versatile Black Ink

for print on porous substrates

The C8842A Versatile Black Ink contains a pigment-based ink that produces exceptional results on coated media.

Versatile Black dries in less than one second on porous paper without heating. When printing on glossy paper, use of a standard IR dryer will reduce uniform drying time of Versatile Black Ink to less than a second. It will not smear on either coated or uncoated media.

F0L95A HP 2510 Black Pigment Ink

for dark prints on porous substrates

HP 2510 Black Pigment Ink is a water-based ink suitable for porous substrates. It prints sharp, dark black text with high-optical density in a singlepass, offers excellent print quality for high-resolution, easy-to-read barcodes.

It has an extended decap time for reliable, intermittent printing with high-optical density. This high-performance Original HP ink maintains optimum printhead performance for easy startup after periods of non-printing. It requires very little maintenance and practically no printhead servicing between jobs.

Q2344A HP 1918 Dye-based Black Ink

for print on coated and uncoated, labels and specialty media

HP 1918 Q2344A Dye Black Ink is a dye-based black ink specifically designed to support intermittent industrial printing on a wide variety of substrates, including coated and uncoated papers, labels, and specialty media.

This ink optimally penetrates the surface of the substrate, producing sharp, crisp output without smearing or transfer, which is ideal for the packaging industry and other markets that need consistently robust results. On coated substrates, such as photo papers, HP 1918 Q2344A Dye-based Black Ink enhances the glossiness of the medium. High decap times reduces nozzle dropouts in production environments with intermittent printing requirements.

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Storage conditions

Less than 24 hours:
Leave cartridge in printer.
Wipe and purge before use.

More than 24 hours:
Remove cartridge from printer and place a cartridge clip over the head.
Wipe and purge before use.

Storage temperature

Aqueous inks: 10-30°C
Solvent inks: 15-35°C

Operating temperature

Aqueous inks: 10-40°C
Solvent inks: 15-35°C

Shipping info

Solvent based inks are flammable and must ship according to UN1210/3.

Cartridge maintenance and handling

Clean the cartridge with a lint free cloth and wipe slowly and lightly across the diagonal edges with the printhead facing down.

Aqueous inks

Use a lint-free cloth moistened with deionised water to clean the printhead.

Solvent inks

Use HSAJET® Cleaning Tissues containing Isopropyl Alcohol.

HP45si cartridge

The solvent based inks are delivered in the HP45si print cartridge, which is a cartridge specially optimised for solvent inks to print on non-porous material.

The HP45si runs at faster speeds and prints at a longer throw distance than the standard HP45A cartridge.



HP45si / HP45ai / HP45A cartridge



IM1 40ml cartridge for BS1 / BSF

Ink name	Substrates	Ink type	Fill Volume	Avg. delivered ink ¹	Colourant Type	Shelf life	Voltage	Pulse width	Dry time ²	Decap time
B3F58A	PVC, OPP, PET films, wrap, metal and blister foils	Solvent	50 ml	35 ml	Dye	12 mths	8.7 V	1.8 µsec	2-3 sec	15 min
C6170A	Paper, porous	Aqueous	48 ml	40 ml	Dye	24 mths	11.0 V	1.9 µsec	1 sec	5 min
C6195A	Porous	Aqueous	49 ml	40 ml	Pigment	24 mths	11.0 V	1.9 µsec	1 sec	4 min
C8842A	Porous and non-porous coated	Aqueous	49 ml	40 ml	Pigment	24 mths	11.0 V	1.9 µsec	1 sec	1 min
F0L95A	Porous	Aqueous	47 ml	40 ml	Pigment	24 mths	11.0 V	1.9 µsec	4-5 sec	1 hr
Q2344A	Coated, uncoated, labels, specialty media	Aqueous	48 ml	40 ml	Dye	24 mths	11.0 V	1.9 µsec	4-5 sec	10 min

¹ Average delivered ink volume is application dependent and varies from actual fill volume

² Substrate dependent

** Recommended pulse warming: Off

DISTRIBUTOR:



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