

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

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.

Q2344A HP 1918 Dye-based Black Ink

for print on coated and uncoated, labels and specialty media

Q2344A HP 1918 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, it enhances the glossiness of the medium. High decap times reduces nozzle dropouts in production environments with intermittent printing requirements.

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.

C6119A HP Black 4500 Bulk Supply

for a dark black print on porous substrates with minimum intervention

HP Black 4500 ink is a water-based pigment ink with high-optical density. HP bulk supply brings convenience and high-quality printing to industrial markets that require a low cost per print in a stand-alone, gravity fed cartridge and ink supply that can be used without bulk hardware.

Available in a 370 ml bulk supply for ease of use for high-volume applications that require high-quality results with low intervention rates.

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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: -20-35°C

Operating temperature

Aqueous inks: 10-35°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



370 ml Ink Bulk Supply
& Print Cartridge

| Ink name | Ink type | Substrates | Fill Volume | Avg. delivered ink ¹ | Colourant Type | Shelf life | Voltage | Pulse width | Dry time ² | Decap time |
|-----------------------|----------|--|-------------|---------------------------------|----------------|------------|---------|-------------|-----------------------|------------|
| B3F58A (HP 2580) | Solvent | PVC, OPP, PET films, wrap, metal and blister foils | 50 ml | 35 ml | Dye | 12 mths | 8.7 V | 1.8 µsec | 2-3 sec | 15 min |
| C8842A | Aqueous | Porous and non-porous coated | 49 ml | 40 ml | Pigment | 24 mths | 11.0 V | 1.9 µsec | 1 sec | 1 min |
| Q2344A (HP 1918) | Aqueous | Coated, uncoated, labels, specialty media | 48 ml | 40 ml | Dye | 24 mths | 11.0 V | 1.9 µsec | 4-5 sec | 10 min |
| C6170A (Blue) | Aqueous | Paper, porous | 48 ml | 40 ml | Dye | 24 mths | 11.0 V | 1.9 µsec | 1 sec | 5 min |
| C6119A (HP 4500 Bulk) | Aqueous | Porous | 370 ml | N/A | Pigment | 24 mths | 11.0 V | 1.9 µsec | <5 sec | 4 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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