

Kao Collins Inks

BLACK INKS

Kao Collins inks provide reliability, consistent quality, minimized downtime, and improved printing efficiency. Kao Collins inks are delivered in genuine HP cartridges and are also available in bulk supply for high-throughput applications.



HP TIJ 2.5

Kao Collins inks are delivered in genuine HP45A or HP45Si cartridges

TWK353001 Endurance Black

Dark images on porous substrates

The TWK353001 is a replacement for TWK2010H. Endurance is an aqueous black ink producing a high density impression on porous substrates, such as uncoated paper and corrugate. It is recommended for high throughput bulk applications. Colorant type: Hybrid.

TWK328001 Reliable H

for porous and semi-porous stock

TWK328001 is a replacement of the TWK2080H. It is an aqueous ink that displays a dark and smudge resistant image and dries quickly on porous and semi-porous stocks, such as uncoated paper, clays coats and corrugate. This ink has a long decap time of more than an hour and requires very little printhead maintenance when compared to other inks. Colorant type: Dye.

TSK247703si Solv-Jet*

fast drying ink for difficult non-porous substrates

The Solv-Jet black ink is a fast-drying ink that prints a dark image on non-porous media. It is a solvent-based ink that is formulated for difficult media such as plastic wrap, PVC, Tyvek, foils, UV coats, varnish and some metals where a fast drying time is needed. Colorant type: Dye. Note: Flammable.

TSK250003si Sirius Black*

fast drying ink for difficult non-porous substrates

The Sirius black ink is a fast-drying ink with enhanced adhesion that prints a dark permanent image. It is a solvent-based ink that is formulated for difficult media such as plastic wrap, PVC, Tyvek, foils, UV coats, varnish and some metals where fast dry time and enhanced adhesion is needed. Colorant type: Dye. Note: Flammable.



*Delivered in the HP 45Si cartridge which is designed for solvent-based inks for printing on non-porous substrates. It supports faster speeds and longer throw distances.

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BLACK INKS FOR HP TIJ 2.5

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 and solvent inks: 10-30°C

Operating temperature

Aqueous and solvent inks: 10-40°C

Cartridge maintenance and handling

Clean the cartridge with a lint free cloth
and wipe slowly and lightly across the
long edge 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.

Shipping info

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

Single cartridges and bulk supply

Kao Collins inks are supplied in genuine
HP45a and HP45si cartridges.

Also available in bulk supply for high-
throughput and high-volume applications.
See photos below.

Ink name	Ink type	Substrates	Fill volume	Avg. delivered ink ¹	Colorant type	Shelf life	Voltage	Pulse width	Drying time ²	Decap time	Available in bulk ³
TWK353001 Endurance Black	Aqueous	Offset, glossy, matte	45 ml	41 ml	Hybrid (dye/pigment)	24 mths	10.2 V	2.2 µsec	1-2 sec	> 1 hr	BS1, KB8 & KB4
TWK328001 Reliable H	Aqueous	Coated stock	45 ml	41 ml	Dye	24 mths	10.2 V	2.2 µsec	1-2 sec	> 1 hr	BS1, KB8 & KB4
TSK247703si Solv-Jet	Solvent	Difficult non-porous	43 ml	27 ml	Dye	12 mths	8.4 V	1.8 µsec	1-5 sec	< 5 min	BSF
TSK250003si Sirius Black	Solvent	Difficult non-porous	43 ml	27 ml	Dye	12 mths	8.4 V	1.8 µsec	1-5 sec	> 5 min	BSF

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

² Substrate dependent

³ Shelf life for bulk: 6 months

*** HSA Systems' recommended Pulse Warming: Off

Kao Collins ink cartridges and bulk supply



HP45A / HP45Si
cartridge



IM1 / SI1
40 ml filled manifold
cartridge (quick disconnect)
for BS1/BSF and KB4/KB8



TB4F
Reusable tube for use with
IM1 manifold cartridge and
KB4/KB8 bulk bags



BS1 / BSF
1000/475 ml bottle for bulk supply
stations w/QCD (quick cartridge
disconnect) for IM1/SI1



KB4 / KB8
400/800 ml bulk bag
(only for aqueous ink)

DISTRIBUTOR:



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