

HSAJET®

Ink Cartridges

INKS FOR HP TIJ 2.5

COLOURED AND SPECIALTY
PRINTING INKS

A wide range of HSAJET® coloured and specialty printing for industrial coding on almost any type of material



HSAJET® inks are delivered in genuine HP45A, HP45ai or HP45si cartridges

B2025si Magne Blue Solvent Ink

for print on blister foils, films and coated substrates

The B2025si is the blue version of the K4021si Thor Black Solvent Ink. It is specially designed to print on aluminium, blister foils and other difficult substrates. It provides a durable, rubbing resistant and high quality image with sharp edges.

It has a very good adhesion and perform especially well on metallic surfaces, aluminium, blisters, OPP, PET film, UV coated papers, nylon as well as other glossy and non-porous substrates.

R2021si Sif Red Solvent Ink

for print on blister foils, films and coated substrates

The R2021si is the red version of the K4021si Thor Black Solvent Ink. It is specially designed to print on aluminium, blister foils and other difficult substrates. It provides a durable, rubbing resistant and high quality image with sharp edges.

It has a very good adhesion and perform especially well on metallic surfaces, aluminium, blisters, OPP, PET film, UV coated papers, nylon as well as other glossy and non-porous substrates.

Y2042si Sigyn Yellow Solvent Ink

for print on dark or transparent non-porous substrates

Y2042 is a solvent based yellow ink that prints a high quality image with excellent contrast on dark or transparent material. It performs well on coated and aqueous coated stock, OPP, PP, PET, PE, rubber, blister foils, glass and other semi- and non-porous substrates. It provides a fast drying time of a few seconds and a good decap time for high productivity. The yellow ink is pigment based.

W1250si Frey Solvent White Ink

for print on dark or transparent non-porous substrates

W1250si is a solvent based white ink that prints a high quality image with excellent contrast on dark or transparent material. It performs well on coated and aqueous coated stock, OPP, PP, PET, PE, rubber, blister foils, glass and other semi- and non-porous substrates. It provides a fast drying time of a few seconds and a good decap time for high productivity. The white ink is pigment based.

UI6060si UV Invisible Solvent Ink

for a invisible print on non-porous substrates

The UV6060si invisible solvent ink emits red colour under an ultraviolet lamp. It is designed to print on aluminium foil, PET, OPP film, PP laminate, UV gloss, aqueous and varnish coats, coated cardboard and other semi- and non-porous substrates.

ME7000 Metal Etching Ink

for permanent marking of metal products

ME7000 is an acid-based fluid in an HP45A cartridge. It etches a permanent dark grey or black mark on metal. It is perfect for metal products, such as steel pipes, steel plates, profiles, roofing, as well as for products where the mark should be able to resist sterilisation, such as some types of medical devices. ME7000 is very maintenance friendly, as there is no need for purging or capping between print cycles. The cartridge can simply stay in the printer until it is empty, which makes it a secure and simple solution for permanent metal marking. The content of carbon in the metal has influence on the print result, therefore it is recommended to test the ME7000 prior to use.



Blue and red prints on wood with B2025si and R2021si



High contrasted white print on coated carton with W1250si



Durable and sharp print on metal and plastic with R2021si



Resistant blue print on aluminium foils with B2025si

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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.

White inks should be stored
nozzles up.

Storage temperature

Aqueous and solvent inks: 15-35°C

Operating temperature

Aqueous and 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.

White and Yellow inks

Follow specific instructions delivered
with the ink.

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 longer throw distance than
the standard HP45A cartridge.

Ink name	Colour	Substrates	Ink type	Avg. delivered ink	Colourant Type	Shelf life	Voltage	Pulse warming	Pulse width	Dry time*	Decap time
B2025si	Blue	Coated or metallic	Solvent	42 ml	Dye	6 mths	9.6 V	Off	1.6 µsec	2-5 sec	1 hour
R2021si	Red	Coated or metallic	Solvent	42 ml	Dye	6 mths	9.6 V	Off	1.6 µsec	2-5 sec	1 hour
Y2042si	Yellow	Dark and transparent semi- and non-porous	Solvent	40 ml	Pigment	6 mths	9.0 V	Off	1.6 µsec	1-5 sec	1 hour
W1250si	White	Dark and transparent semi- and non-porous	Solvent	40 ml	Pigment	6 mths	9.0 V	Off	1.8 µsec	1-5 sec	< 30 min
UI6060si	Clear	Semi- and non-porous	Solvent	40 ml	Dye	9 mths	9.6 V	Off	1.6 µsec	2-3 sec	1 hour
ME7000	Clear fluid Print: Dark grey / black	Metal	Aqueous & Acid-based	40 ml	N/A	12 mths	11.2 V	Off	2.2 µsec	N/A	Infinite

* Substrate dependent

DISTRIBUTOR:



HSA A UNIQUE IMPRINT
SYSTEMS

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