

HSAJET®

# Ink Cartridges

INKS FOR HP TIJ 2.5

COLOURED AND SPECIALTY  
PRINTING INKS

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

When used in the new HSAJET® MCX printers, HSAJET® cartridges with smart card (SC) enable automatic detection of ink cartridge, auto adjustment of ink parameters and real time monitoring of ink level.



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

## HSAJET® B2025si Magne Blue Solvent Ink (SC)

**for print on blister foils, films and coated substrates**

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 performs especially well on metallic surfaces, aluminium, blisters, OPP, PET film, UV coated papers, nylon as well as other glossy and non-porous substrates.

## HSAJET® R2021si Sif Red Solvent Ink (SC)

**for print on blister foils, films and coated substrates**

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 performs especially well on metallic surfaces, aluminium, blisters, OPP, PET film, UV coated papers, nylon, as well as other glossy and non-porous substrates.

## HSAJET® UI6060si UV Invisible Red Solvent Ink (SC)

**for invisible print on non-porous substrates**

UI6060si emits red colour under an ultraviolet lamp. It is designed for security printing applications and prints on aluminium foil, PET, OPP film, PP laminate, UV gloss, aqueous and varnish coats, coated cardboard, and other semi- and non-porous substrates.

UV lamp conditions: EX 365nm, EM 435nm.

## HSAJET® Y2042si Sigyn Yellow Solvent Ink (SC)

**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.

## HSAJET® W1250si Frey Solvent White Ink (SC)

**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.



Durable and sharp print on metal and plastic with R2021si



Resistant blue print on aluminium foils with B2025si



Blue and red prints on wood with B2025si and R2021si



High contrasted white print on coated carton with W1250si

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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	Fill volume	Avg. delivered ink <sup>1</sup>	Colourant Type	Shelf life	Voltage	Pulse width	Dry time <sup>2</sup>	Decap time
B2025si	Blue	Coated or metallic	Solvent	45 ml	29 ml	Dye	6 mths	9.6 V	1.6 µsec	2-5 sec	1 hour
R2021si	Red	Coated or metallic	Solvent	45 ml	29 ml	Dye	6 mths	9.6 V	1.6 µsec	2-5 sec	1 hour
Y2042si	Yellow	Dark and transparent semi- and non-porous	Solvent	45 ml	30 ml	Pigment	6 mths	9.0 V	1.8 µsec	1-5 sec	1 hour
W1250si	White	Dark and transparent semi- and non-porous	Solvent	45 ml	34 ml	Pigment	6 mths	9.0 V	1.8 µsec	1-5 sec	< 30 min
UI6060si	Clear / red	Semi- and non-porous	Solvent	43 ml	32 ml	Dye	9 mths	9.6 V	1.6 µsec	1-5 sec	1 hour

<sup>1</sup> Average delivered ink volume is application dependent and varies from actual fill volume

<sup>2</sup> Substrate dependent

\*\* Recommended pulse warming: Off

DISTRIBUTOR:



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