

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 Odin 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 Odin 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.



## 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.

## W1000 Balder White Aqueous Ink

for print on black fleece, porous rubber and foam

W1000 is a water based white ink that performs well on black fleece, black foam, black styrofoam, black cardboard with porous surface, foam rubber and porous rubber. It works best at high DPI 600x600 and on substrates that are not very absorbent. The white 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.



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
U16060si	Clear	Semi- and non-porous	Solvent	40 ml	Dye	9 mths	9.6 V	Off	1.6 µsec	2-3 sec	1 hour
W1000	White	Fleece, foam, rubber	Aqueous	40 ml	Pigment	12 mths	11.2 V	Off	2.25 µsec	2-5 sec	min. 15 min
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

\* Substrate dependent

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 Inkjet Technology

DISTRIBUTOR:

  
**HSA** A UNIQUE IMPRINT  
SYSTEMS

HSA Systems (head offices)  
DENMARK | SKOVUNDE +45 4494 0222 | ODENSE +45 6610 3401

HSA Systems (subsidiary offices)  
FRANCE +33 1 4815 5050 | GERMANY +49 5257 938 6777

[www.hsasystems.com](http://www.hsasystems.com) | [mail@hsasystems.com](mailto:mail@hsasystems.com)