**HSAJET®**

**Ink Cartridges**

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

---

**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.

**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.

**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
**HSAJET®**

**Ink Cartridges**  
**INKS FOR HP TJ 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.

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.

<table>
<thead>
<tr>
<th>Ink name</th>
<th>Colour</th>
<th>Substrates</th>
<th>Ink type</th>
<th>Avg. delivered ink</th>
<th>Colourant Type</th>
<th>Shelf life</th>
<th>Voltage</th>
<th>Pulse warming</th>
<th>Pulse width</th>
<th>Dry time*</th>
<th>Decap time</th>
</tr>
</thead>
<tbody>
<tr>
<td>B2025si</td>
<td>Blue</td>
<td>Coated or metallic</td>
<td>Solvent</td>
<td>42 ml</td>
<td>Dye</td>
<td>6 mths</td>
<td>9.6 V</td>
<td>Off</td>
<td>1.6 μsec</td>
<td>2-5 sec</td>
<td>1 hour</td>
</tr>
<tr>
<td>R2021si</td>
<td>Red</td>
<td>Coated or metallic</td>
<td>Solvent</td>
<td>42 ml</td>
<td>Dye</td>
<td>6 mths</td>
<td>9.6 V</td>
<td>Off</td>
<td>1.6 μsec</td>
<td>2-5 sec</td>
<td>1 hour</td>
</tr>
<tr>
<td>Y2042si</td>
<td>Yellow</td>
<td>Dark and transparent semi- and non-porous</td>
<td>Solvent</td>
<td>40 ml</td>
<td>Pigment</td>
<td>6 mths</td>
<td>9.0 V</td>
<td>Off</td>
<td>1.6 μsec</td>
<td>1-5 sec</td>
<td>1 hour</td>
</tr>
<tr>
<td>UI6060si</td>
<td>Clear</td>
<td>Semi- and non-porous</td>
<td>Solvent</td>
<td>40 ml</td>
<td>Dye</td>
<td>9 mths</td>
<td>9.6 V</td>
<td>Off</td>
<td>1.6 μsec</td>
<td>2-3 sec</td>
<td>1 hour</td>
</tr>
<tr>
<td>W1000</td>
<td>White</td>
<td>Fleece, foam, rubber</td>
<td>Aqueous</td>
<td>40 ml</td>
<td>Pigment</td>
<td>12 mths</td>
<td>11.2 V</td>
<td>Off</td>
<td>2.25 μsec</td>
<td>2-5 sec</td>
<td>min. 15 min</td>
</tr>
<tr>
<td>W1250si</td>
<td>White</td>
<td>Dark and transparent semi- and non-porous</td>
<td>Solvent</td>
<td>40 ml</td>
<td>Pigment</td>
<td>6 mths</td>
<td>9.0 V</td>
<td>Off</td>
<td>1.8 μsec</td>
<td>1-5 sec</td>
<td>&lt; 30 min</td>
</tr>
<tr>
<td>ME7000</td>
<td>Clear fluid Print: Dark grey / black</td>
<td>Metal</td>
<td>Aqueous &amp; Acid-based</td>
<td>40 ml</td>
<td>N/A</td>
<td>12 mths</td>
<td>11.2 V</td>
<td>Off</td>
<td>2.2 μsec</td>
<td>N/A</td>
<td>Infinite</td>
</tr>
</tbody>
</table>

* Substrate dependent

---

**DISTRIBUTOR:**

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

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

www.hsasystems.com | mail@hsasystems.com