

HSAJET®

# Ink for Infinity Printers MkII

FOR HP TIJ 4.0



Powerful  
printing solution  
for product coding  
and mailing  
applications

For high-quality printing on semi-porous and porous substrates

Ink and accessories for industrial high-performance and high-resolution product coding and mailing applications.

## Print Cartridge

### 22mm Smart Servicing Print Cartridges

The print cartridge has a large print swath of 22 mm and supports the needs of high-volume printing applications that demand high speed and high-resolution. Shooting very small ink drops, this print cartridge is the perfect choice for sharp and detailed images of very high resolution.

Thanks to **Infinity's Smart Servicing technology**, there is no need to worry about decap time, making it perfect for intermittent printing or print job changes without capping or cleaning between runs.

It is available in different versions for use with HSAJET® and HP 775 ml bulk ink cartridges for Infinity. See table next page.

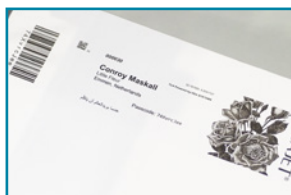
## 775 ml Bulk Ink Cartridges

### HSAJET® K3011-HBC Premium Black Ink

The K3011-HBC is a dye based ink specially designed to give a fast drying and premium print performance on non-porous and semi-porous substrates. The ink produces a high-quality image that qualifies for camera verification. It dries well on coated and regular substrates, such as uncoated paper, mill coats, clay coats and corrugate. It provides a durable, clear and dark image.

### HP 2041 Fast Dry Black Ink

The HP 2041 is a black pigment ink that provides fast drying on clay-coated and other porous media. This ink is a good choice for printing directly on cardboard boxes and as an alternative to adhesive labels on secondary and tertiary packaging.



## Key Benefits

- High-resolution images: Up to 1200 x 1200 dpi
- High-speed printing: 488 m/min @ 1200 x 150 dpi
- Reduced ink costs: Large 775 ml bulk ink supply
- Long lifespan of the durable 22mm print cartridge
- Smart Servicing technology ensures clean, crisp print every time and less maintenance
- Minimum operator interference: The 22mm print cartridge and the 775 ml bulk ink cartridge can be replaced in minutes without specific operator training, allowing seamless continuation of production.
- Clean and safe solution: No need for harsh cleaning fluids or special ventilation.

## Recommended Accessories

Use the specially designed accessories from HSA Systems for easy maintenance and handling of your Infinity consumables.

### Magnetic Protection Cap

The special HSAJET® magnetic capping protection ensures that the print cartridge can remain in the Infinity printhead during shorter shutdowns, e.g. overnight.

It prevents the ink from clogging and drying out in the printhead. One cap required per printhead.



### Purge Container

The purge container is used to collect transport fluid from the print cartridge during installation of the print cartridge in the printer.



### Lint-Free Wipes

Lint-free wipes are ideal for cleaning the print cartridge before print or if nozzles are clogged or dried in.



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## Maintenance and Handling

First time installation of the 22mm print cartridge: The print cartridge contains a shipping fluid that must be removed by a purge procedure during installation of the print cartridge.

Before printing: Gently wipe the print cartridge with a lint free cloth.

Refer to Infinity Printer Installation and User Manuals for further instructions.

## Smart Servicing Technology

Infinity's Smart Servicing technology (micro-recirculation) prevents nozzles from drying, ensuring crisp, clean print results even after extended idle periods. Ideal for intermittent printing or frequent job changes - without capping or cleaning cartridges between runs.

For longer shutdown periods, e.g. more than one night, it is recommended to take the cartridges out of the printer and place it in the orange cap.



22 mm Smart Servicing Print Cartridge



750 ml Bulk Ink Cartridge

## 22mm Smart Servicing Print Cartridges

Product Name	Brand	Print Height	Resolution	Nozzle Count	App. drop volume	Throw Distance <sup>1</sup>	Av. Ink Throughput <sup>2</sup>	Max. Fluidic Frequency	Storage Temp.	Operating Temp.
K3011-MRC	HSAJET	22 mm (0.87")	Up to 1200 x 1200 dpi	2112	8.4 pl	Recommended up to 5 mm	5000 ml	72 kHz	5°C to 40°C	5°C to 35°C
9T3V2A	HP	22 mm (0.87")	Up to 1200 x 1200 dpi	2112	8.4 pl	Recommended up to 5 mm	5000 ml	72 kHz	5°C to 40°C	5°C to 35°C

<sup>1)</sup> Application dependend. Up to 7mm for small text and 10mm for large text at higher printing speeds.

<sup>2)</sup> Average ink throughput before the print cartridge needs to be replaced. Application dependent.

## 775 ml Bulk Ink Cartridges

Product Name	Brand	For Use with (Print Cartridge)	Ink Type	Substrates	Colourant Type	Volume	Dry Time <sup>1</sup>	Storage Temp.	Operating Temp.
K3011-HBC Premium Black Ink	HSAJET	K3011-MRC	Aqueous	Porous, matte	Dye	775 ml	1-5 sec	10°C to 30°C	10°C to 40°C
3UB41A - HP2041 Fast Dry Black Ink	HP	9T3V1A	Aqueous	Porous	Pigment	775 ml	1-5 sec	-10°C to 25°C	15°C to 35°C

<sup>1)</sup> Substrate dependent.

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