

**Formulating a Greener World®**

# HydraJET® 2030B

Aqueous ink for semi-porous media



# TECHNICAL DATA SHEET

HydraJET® 2030B blue aqueous TIJ 2.5 ink consists of FDA approved FD&C dyes. HydraJET® 2030B ink provides eye-catching color, crisp and sharp text, logo and barcode, and fast drying time on semi-porous substrates. <sup>(1)</sup>

## Technical Specifications

Ink name	HydraJET® 2030B
Ink type	Blue dye aqueous ink
Print cartridge type	HP 45ai
Resolution	Up to 600 dpi, recommended 300 × 300 dpi
Nozzle count	300
Print swath	12.7 mm
Firing voltage	11.0 V
Fire pulse width	1.8 µs
Pulse warming	OFF
Decap time <sup>(1)</sup>	10 min
Drying time <sup>(1)</sup>	1 – 2 s at 300 × 300 dpi on coated paper
Throw distance <sup>(2)</sup>	Up to 3 mm, recommended 1 mm
Average delivered ink	42 mL (vertical)
Average drop volume	27 pL
Operating conditions	15 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	10 °C to 35 °C
Shelf life <sup>(3)</sup>	12 months from filling date

## Cartridge Shipping & Storage

- Store the cartridge with a clip placed over the printhead. Nozzles up or horizontal.
- Refer to Safety Data Sheet for more information.

## Cartridge Maintenance & Handling

- Use a lint-free cloth moistened with deionized water to clean the cartridge printhead.
- Holding the cartridge printhead face down, gently press the printhead on a lint-free cloth to allow ink to wick out. Then, slowly and lightly wipe across the tip of the long edge.
- Do not shake the cartridge.

## Ordering Information

Product number	Product description
2030B42A	HydraJET® 2030B Print Cartridge

(1) Ink performance may vary depending on substrate, printer, and environmental conditions.

(2) Recommended. May vary by application.

(3) Must be shipped and stored under recommended conditions.

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