*Formulating a Greener World®*

# HydraJET® 2020B

## Aqueous ink for porous media

Mylan® GROUP
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ISO 14001 SGS
UKAS ENVIRONMENTAL MANAGEMENT 005
GUARDIAN INDEPENDENT CERTIFICATION ISO 9001 : 2015
UKAS QUALITY MANAGEMENT 045

# TECHNICAL DATA SHEET

HydraJET® 2020B blue aqueous TIJ 2.5 ink is designed for industrial printing applications such as mailing and ticket printing.
HydraJET® 2020B ink provides long decap time, good fade resistance and water resistance, and excellent sharpness and barcode readability on porous and semi-porous substrates such as plain paper, cardboard, duplex board, and semi-porous coated papers.

## Technical Specifications

| | **HydraJET® 2020B Print Cartridge** |
|---|---|
| **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** | Up to 1 h |
| **Drying time** | 1 – 3 s at 300 × 300 dpi |
| **Throw distance** | Up to 3 mm |
| **Average delivered ink** | 39 mL (vertical) and 36 mL (horizontal) |
| **Average drop volume** | 25 pL |
| **Operating conditions** | 15 °C to 35 °C, 35% to 80% RH |
| **Shipping / storage temperature** | 10 °C to 35 °C |
| **Best before** | 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** |
|---|---|
| 2020B42A | HydraJET® 2020B Print Cartridge |

**MYLAN GROUP**
Long Duc Industrial Park, Long Duc Ward, Vinh Long Province, Vietnam
Tel.: +84 294 3846 997 - Fax: +84 294 3846 998
Email: info@mylangroup.com
Website: www.mylangroup.com