

**Formulating a Greener World®**

# HydraJET® 2020K

Aqueous ink for porous media

## BULK INK SYSTEM



**Mylan**  
Formulating a Greener World®  
**2020K44B**  
High efficiency, cost saving bulk ink  
400 mL  
**WARNING**  
Causes mild skin irritation.  
Causes eye irritation.  
Store in a well-ventilated place. Keep cool.  
**MYLAN GROUP**  
Longduc Industrial Park, Travinh City,  
Binh Duong Province, Vietnam  
Tel: +84 2943 846 997 - Fax: +84 2943 846 998  
Email: [info@mylangroup.com](mailto:info@mylangroup.com) Website: [www.mylangroup.com](http://www.mylangroup.com)

**HydraJET 2020K**  
Aqueous ink for porous media  
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# TECHNICAL DATA SHEET

HydraJET® 2020K black aqueous TIJ 2.5 ink is designed for track and trace coding and marking at high-productivity industrial printing applications such as packaging, label, mailing and ticket printing.

HydraJET® 2020K ink provides enhanced fade resistance and water resistance, long decap time, excellent darkness, sharpness, and barcode readability on various porous and semi-porous substrates such as plain paper, cardboard, duplex board, and semi-porous coated paper.<sup>(1)</sup>

## Technical Specifications

	HydraJET® 2020K Bulk Printhead	HydraJET® 2020K Bulk Ink Reservoir
<b>Ink type</b>	Black dye aqueous ink	Black dye aqueous ink
<b>Print cartridge type</b>	HP 45ci	
<b>Resolution</b>	Up to 600 dpi, recommended 300 x 300 dpi	
<b>Nozzle count</b>	300	
<b>Print swath</b>	12.7 mm	
<b>Firing voltage</b>	11.0 V	
<b>Fire pulse width</b>	1.8 µs	
<b>Pulse warming</b>	OFF	
<b>Decap time<sup>(1)</sup></b>	Up to 2 h	
<b>Drying time<sup>(1)</sup></b>	2 s at 300 x 300 dpi	
<b>Throw distance<sup>(2)</sup></b>	Up to 3 mm, recommended 1 mm	
<b>Average delivered ink</b>	42 mL (vertical)	400 mL
<b>Average drop volume</b>	27 pL	
<b>Operating conditions</b>	15 °C to 35 °C, 35% to 80% RH	15 °C to 35 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	10 °C to 35 °C	10 °C to 35 °C
<b>Shelf life<sup>(3)</sup></b>	12 months from filling date	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
2020K44S	HydraJET® 2020K Bulk Ink System

(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.

### MYLAN GROUP

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Tel.: +84 2943 846 997 - Fax: +84 2943 846 998

Email: inks@mylangroup.com

Website: www.mylangroup.com