

Formulating a Greener World®

HydraJET®2020Y

Aqueous ink for porous media



TECHNICAL DATA SHEET

HydraJET® 2020Y yellow aqueous TIJ 2.5 ink is designed for industrial printing applications such as mailing and ticket printing.

HydraJET® 2020Y ink provides long decap time, excellent fade resistance, crisp and sharp output on various porous and semi-porous substrates such as plain paper, cardboard, duplex board, and coated papers.⁽¹⁾

Technical Specifications

Ink name	HydraJET® 2020Y
Ink type	Yellow dye aqueous ink
Print cartridge type	HP 45ai
Resolution	Up to 600 dpi, recommended 300 x 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⁽¹⁾	1 hr
Drying time⁽¹⁾	1 – 3 sec at 300 x 300 dpi on coated paper
Throw distance⁽²⁾	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⁽³⁾	12 months from filling date

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.

Cartridge Shipping & Storage

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

Ordering Information

Product number	Product description
2020Y42A	HydraJET® 2020Y 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.

MYLAN GROUP

Longduc Industrial Park, Travinh City, Travinh Province, Vietnam
Tel: +84 294 3846 997 - Fax: +84 294 3846 998
Email: inks@mylangroup.com
Website: www.mylangroup.com