Formulating a Greener World®

HydraJET® 2018K

Aqueous ink for porous media

Mylan® GROUP
Formulating a Greener World®

ISO 14001 SYSTEM CERTIFICATION SGS
UKAS ENVIRONMENTAL MANAGEMENT 005
GUARDIAN INDEPENDENT CERTIFICATION GIC ISO 9001 : 2015
UKAS QUALITY MANAGEMENT 045

TECHNICAL DATA SHEET

HydraJET® 2018K black aqueous TIJ 2.5 ink is designed for track and trace coding and marking and high-productivity industrial printing applications such as wood, packaging, label, mailing and ticket printing.
HydraJET® 2018K ink provides excellent fade resistance and water resistance, long decap time, excellent darkness, sharpness, and barcode readability on various porous and semi-porous substrates such as wood, plain paper, cardboard, duplex board, and semi-porous coated paper.

Technical Specifications

	HydraJET® 2018K Print Cartridge
Ink type	Black dye-pigment 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 2 h
Drying time	2 s at 300 × 300 dpi
Throw distance	Up to 3 mm
Average delivered ink	40 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
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**
2018K42A	HydraJET® 2018K Print Cartridge

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