Formulating a Greener World®

HydraJET® 2018K

Aqueous ink for porous media

BULK INK SYSTEM

Mylan® GROUP
Formulating a Greener World®

ISO 14001 SGS
UKAS ENVIRONMENTAL MANAGEMENT 005
GUARDIAN INDEPENDENT CERTIFICATION 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 Bulk Printhead	HydraJET® 2018K Bulk Ink Reservoir
Ink type	Black dye-pigment aqueous ink	Black dye-pigment aqueous ink
Print cartridge type	HP 45ci	
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 bulk delivered ink	420 mL (vertical)	
Average drop volume	27 pL	
Operating conditions	15 °C to 35 °C, 35% to 80% RH	15 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	10 °C to 35 °C	10 °C to 35 °C
Best before	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
2018K44S	HydraJET® 2018K Bulk Ink System

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