

***Formulating a Greener World®***

# HydraJET® 2110K

Aqueous ink for scratch card media



# TECHNICAL DATA SHEET

HydraJET® 2110K black pigment 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. Especially this ink is specifically designed to print on coated paper of scratch cards.

HydraJET® 2110K ink provides enhanced fade resistance, water resistance, excellent sharpness and fast dry times on a scratch card at high resolution about 600 x 600 dpi on scratch card.

## Technical Specifications

HydraJET® 2110K Print Cartridge	
<b>Ink type</b>	Black pigment aqueous ink
<b>Print cartridge type</b>	HP 45ai
<b>Resolution</b>	Up to 600 dpi, recommended 600 x 300 or 600 x 600 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</b>	Up to 20 min
<b>Drying time</b>	15 - 25 s at 600 x 600 dpi 1 - 5 s at 300 x 300 dpi
<b>Throw distance</b>	Up to 3 mm
<b>Average delivered ink</b>	40 mL (vertical) and 37 mL (horizontal)
<b>Average drop volume</b>	27 pL
<b>Operating conditions</b>	15 °C to 35 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	10 °C to 35 °C
<b>Best before</b>	11 months from filling date

## Cartridge Shipping & Storage

- Store the cartridge with a clip placed over the printhead. Horizontal position is recommend.
- 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
2110K42A	HydraJET® 2110K Print Cartridge

### MYLAN GROUP

Longduc Industrial Park, Travinh City, Travinh Province, Vietnam

Tel.: +84 294 3846 997 - Fax: +84 294 3846 998

Email: [info@mylangroup.com](mailto:info@mylangroup.com)

Website: [www.mylangroup.com](http://www.mylangroup.com)