

# HydraJET® 2022R

Aqueous ink for porous media



# TECHNICAL DATA SHEET

HydraJET® 2022R red aqueous TIJ 2.5 ink is designed for industrial printing applications such as packaging, mailing and ticket printing.

HydraJET® 2022R ink provides long decap time, high optical density, good fade resistance, and excellent sharpness on various porous and semi-porous substrates such as plain paper, cardboard, duplex board, and semi-porous coated papers.

## Technical Specifications

| HydraJET® 2022R Print Cartridge       |                                          |
|---------------------------------------|------------------------------------------|
| <b>Ink type</b>                       | Red dye aqueous ink                      |
| <b>Print cartridge type</b>           | HP 45ai                                  |
| <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</b>                     | Up to 1 h                                |
| <b>Drying time</b>                    | 1 – 3 s at 300 x 300 dpi                 |
| <b>Throw distance</b>                 | Up to 3 mm                               |
| <b>Average delivered ink</b>          | 40 mL (vertical)                         |
| <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>                    | 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             |
|----------------|---------------------------------|
| 2022R42A       | HydraJET® 2022R Print Cartridge |

