

HydraJET[®] 8053K

Aqueous Piezoelectric Inkjet Ink

TECHNICAL DATA SHEET

HydraJET[®] 8053K black aqueous PIJ ink is designed for inkjet printers that equipped with piezoelectric printheads. The ink provides high-productivity industrial performance across a wide range of label, ticket, and packaging printing applications.

HydraJET[®] 8053K ink provides excellent fade resistance, smear resistance and water resistance, excellent optical density, crisp text and barcodes on various porous substrates such as cardboard and plain paper.⁽¹⁾

Technical Specifications

Ink name	HydraJET[®] 8053K
Ink type	Black dye aqueous ink
Decap time⁽¹⁾	Up to 30 min
Drying time⁽¹⁾	2 s at 360 × 360 dpi – 1 drop
Operating conditions	10 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	5 °C to 30 °C
Shelf life⁽²⁾	12 months from filling date

Recommended Jetting Parameters

Printhead	Konica Minolta KM1024	Konica Minolta KM512	Ricoh Gen 4
Printhead temperature	35 °C – 42 °C	35 °C – 42 °C	35 °C – 42 °C
Waveform	5/10/10 μs	5/10/10 μs	2/2.5/2/9 μs

Shipping & Storage

- The ink should be stored in cold and dry place, avoid direct light.
- Please refer to Safety Data Sheets for more information.

Handling

- Slightly shaking the ink before use is recommended.
- Cleaning and flushing printhead by HydraJET[®] 8050F flushing solution.

Ordering Information

Product number	Product description
8053K01P	HydraJET [®] 8053K

(1) Ink performance may vary depending on substrate, printer, and environmental conditions.

(2) Must be shipped and stored under recommended conditions.

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