

3020K

Aqueous ink for porous media

TECHNICAL DATA SHEET

3020K black aqueous thermal inkjet ink is formulated for coding and marking at high-productivity industrial printing applications such as packaging, label, mailing and ticket printing.

3020K ink provides enhanced fade resistance and water resistance, long decap time, excellent darkness, sharpness, and barcode readability on porous and semi-porous substrates such as plain paper, duplex board, cardboard, and semi-porous coated paper.

Non-stitching 1 inch print swatch expands the printing applications without disadvantages of printhead stitching.

Technical Specifications

	3020K Print Cartridge
Ink type	Black dye aqueous ink
Print cartridge type	One inch TIJ cartridge
Resolution	Up to 300 dpi
Nozzle count	300
Print swath	25.4 mm
Firing voltage	11.6 V
Fire pulse width	2.6 μ s
Pulse warming	OFF
Decap time	Up to 30 min
Drying time	1 - 3 s at 300 \times 300 dpi
Throw distance	Up to 3 mm
Average delivered ink	42 mL (vertical)
Average drop volume	45 pL
Operating conditions	15 $^{\circ}$ C to 35 $^{\circ}$ C, 35% to 80% RH
Shipping / storage temperature	10 $^{\circ}$ C to 35 $^{\circ}$ C
Best before	12 months from filling date

Cartridge Shipping & Storage

- Store the cartridge with a clip placed over the printhead. Nozzles down 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
3020K84A	3020K Print Cartridge

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