

3720K

Solvent ink for penetrable media

TECHNICAL DATA SHEET

3720K black solvent thermal inkjet ink is formulated for penetrating into penetrable substrates such as polyvinyl chloride, polycarbonate, polyurethane, acrylic coating resulting permanent printouts.

3720K ink provides fast penetrating, excellent scratch resistance and chemical resistance, long decap time and high optical density.

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

Technical Specifications

	3720K Print Cartridge
Ink type	Black dye solvent ink
Print cartridge type	One inch TIJ cartridge
Resolution	Up to 300 dpi
Nozzle count	300
Print swath	25.4 mm
Firing voltage	9.6 V
Fire pulse width	2.0 µs
Pulse warming	OFF
Decap time	Up to 30 min
Drying time	8 -10 s on rigid PVC pipe at 300 x 300 dpi
Throw distance	Up to 5 mm
Average delivered ink	35 mL (vertical)
Average drop volume	40 pL
Operating conditions	15 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	15 °C to 30 °C
Best before	6 months from filling date

Cartridge Shipping & Storage

- The cartridge should be stored in vacuum sealed pouch until used.
- Use the cartridge within two weeks of removing it from vacuum sealed pouch for best performance.
- 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 ethanol (> 98%) to clean the cartridge printhead. Use of a cloth with lint may clog the nozzles.
- 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
3720K85A	3720K Print Cartridge

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