

Formulating a Greener World®

SoluJET® 2701K

Solvent ink for non-porous media



TECHNICAL DATA SHEET

SoluJET® 2701K black solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.

SoluJET® 2701K ink provides good adhesion and rub resistance, long decap time, enhanced durability, excellent sharpness and optical density on various semi-porous and non-porous substrates such as nitrocellulose or acrylic coated foil and flexible packaging films.⁽¹⁾

Technical Specifications

Ink name	SoluJET® 2701K
Ink type	Black dye solvent ink
Print cartridge type	HP 45si
Resolution	Up to 600 dpi, recommended 300 x 300 dpi
Nozzle count	300
Print swath	12.7 mm
Firing voltage	9.0 V
Fire pulse width	1.8 µs
Pulse warming	Off
Decap time⁽¹⁾	10 min
Drying time⁽¹⁾	3 - 4 sec at 300 x 300 dpi
Throw distance⁽²⁾	Up to 5 mm, recommended 3 mm
Average delivered ink	40 mL (vertical)
Average drop volume	33 pL
Operating conditions	15°C to 35°C, 35% to 80% RH
Shipping / storage temperature	5°C to 30°C
Shelf life⁽³⁾	6 months from filling date

Cartridge Maintenance & Handling

- Use a lint-free cloth moistened with ethanol (>98%) 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.

Cartridge Shipping & Storage

- Store the cartridge with a clip placed over the printhead. Nozzles up or horizontal.
- Avoid direct light.
- Refer to Safety Data Sheet for more information.

Ordering Information

Product number	Product description
2701K42A	SoluJET® 2701K Print Cartridge

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

(2) Recommended. May vary by application.

(3) Must be shipped and stored under recommended conditions. For best performance, use within 4 months from filling date.

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