

Formulating a Greener World®

SoluJET® 2705B

Solvent ink for non-porous media



TECHNICAL DATA SHEET

SoluJET® 2705B blue solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.

SoluJET® 2705B ink provides long decap time, excellent sharpness and barcode readability, good adhesion on semi-porous and non-porous substrates such as lacquered aluminum foils and packaging films. ⁽¹⁾

Technical Specifications

	SoluJET® 2705B Print Cartridge
Ink type	Blue 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	8.6 V
Fire pulse width	1.6 µs
Pulse warming	OFF
Decap time⁽¹⁾	Up to 1 h
Drying time⁽¹⁾	5 - 10 s at 300 x 300 dpi
Throw distance⁽²⁾	Up to 5 mm, recommended 3 mm
Average delivered ink	37 mL (vertical)
Average drop volume	37 pL
Operating conditions	15 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	5 °C to 30 °C
Shelf life⁽³⁾	4 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.
- 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
2705B42A	SoluJET® 2705B 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.

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