Formulating a Greener World®

SoluJET® 2750K

UV LED curable ink for non-porous media

Mylan GROUP
Formulating a Greener World®

Vietnam Value

ISO 14001 SGS

UKAS ENVIRONMENTAL MANAGEMENT 005

GUARDIAN INDEPENDENT CERTIFICATION ISO 9001 : 2015

UKAS QUALITY MANAGEMENT 045

TECHNICAL DATA SHEET

SoluJET® 2750K black UV TIJ 2.5 ink is designed for track and trace coding and marking and high-productivity industrial printing applications such as packaging, mailing and ticket printing.
SoluJET® 2750K ink provides enhanced adhesion, smear, tape peeling and solvent resistance, excellent optical density on various non-porous substrates such as PET, OPP, PP, metal.
SoluJET® 2750K ink can be rapidly cured with either UV LED or mercury UV lamps.

Technical Specifications

	SoluJET® 2750K Print Cartridge
Ink type	Black pigment UV curable solvent ink
Print cartridge type	HP 45si
Resolution	Up to 600 dpi, recommended 300 × 300 dpi
Nozzle count	300
Print swath	12.7 mm
Firing voltage	9.2 V
Fire pulse width	2.4 µs
Pulse warming	OFF
UV dosage	320 mJ/cm^2 (*)
Curing speed	30 m/min (*)
Decap time(1)	30 min
Throw distance(2)	Up to 3 mm
Average delivered ink	35 mL (vertical) and 33 mL(horizontal)
Average drop volume(3)	36 pL
Operating conditions	25 °C to 35 °C, 45% to 80% RH
Shipping / storage temperature(4)	5 °C to 35 °C
Best before(4)	4 months from filling date

(*) 300 × 300 dpi, UV LED 8 W/cm^2, wavelength 395 nm, 20 mm run-length, 5 mm above substrate

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.
- Avoid direct sunlight or UV light to cartridge printhead.
- Store the cartridge with a clip placed over the printhead. NOZZLES UP position is recommended.
- Refer to Safety Data Sheet for more information.

Cartridge Maintenance & Handling

- Store the ink cartridge in the Nozzle down for about 30 minutes to 1 hour. Then Shaking and wiping nozzles before use.
- 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.

Ordering Information

Product number	**Product description**
2750K42A	SoluJET® 2750K Print Cartridge

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