

Formulating a Greener World®

SoluJET® 2750W

UV LED curable ink for non-porous media



TECHNICAL DATA SHEET

SoluJET® 2750W white pigment UV curable TIJ 2.5 ink is designed for coding and marking on dark and clear non-porous substrates.

SoluJET® 2750W ink provides excellent adhesion, rub resistance, and solvent resistance on PVC, PET, glass, metal, PCB and flexible packaging films.

SoluJET® 2750W ink can be rapidly cured with either UV LED or mercury lamp⁽¹⁾

Technical Specifications

Ink name	SoluJET® 2750W
Ink type	White pigmented UV curable 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	2.2 µs
Pulse warming	Off
UV dosage	960 mJ/cm ² (*)
Curing speed	31 m/min (*)
Decap time ⁽¹⁾	3 min
Throw distance ⁽²⁾	Up to 5 mm, recommended 2 mm
Average delivered ink	35 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⁾	4 months from filling date

(*) 300 x 300 dpi, UV LED 4 W/cm², wavelength 395 nm, 75 mm run-length, 5 mm above substrate

Cartridge Maintenance & Handling

- Use a lint-free cloth moistened with ethanol (>98%) to clean the cartridge printhead.
- Lightly shake the capped cartridge before use. Then, remove cap and 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.
- Store the cartridge with a clip placed over the printhead. Wipe and purge before use.

Cartridge Shipping & Storage

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

Ordering Information

Product number	Product description
2750W42A	SoluJET® 2750W 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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