

**Formulating a Greener World®**

# SoluJET® 2750K

UV LED curable ink for non-porous media



# 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

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

(\*) 300 x 300 dpi, UV LED 8 W/cm<sup>2</sup>, 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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