

***Formulating a Greener World®***

# **SoluJET® 2780K**

Solvent ink for non-porous media



# TECHNICAL DATA SHEET

SoluJET® 2780K black solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.

SoluJET® 2780K ink provides excellent adhesion and rub resistance, long decap time, excellent optical density, sharpness and barcode readability on semi-porous and non-porous substrates such as PET, PVC, PA, BOPP and foils. <sup>(1)</sup>

## Technical Specifications

SoluJET® 2780K Print Cartridge	
<b>Ink type</b>	Black dye 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>	8.6 V
<b>Fire pulse width</b>	2.0 µs
<b>Pulse warming</b>	OFF
<b>Decap time<sup>(1)</sup></b>	Up to 1 h
<b>Drying time<sup>(1)</sup></b>	1 - 3 s at 300 x 300 dpi
<b>Throw distance<sup>(2)</sup></b>	Up to 5 mm, recommended 3 mm
<b>Average delivered ink</b>	36 mL (vertical)
<b>Average drop volume</b>	34 pL
<b>Operating conditions</b>	15 °C to 35 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	5 °C to 30 °C
<b>Best before<sup>(3)</sup></b>	6 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
2780K42A	SoluJET® 2780K 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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