

**Formulating a Greener World®**

# SecuJET® 2520B

Invisible UV fluorescent ink



# TECHNICAL DATA SHEET

SecuJET® 2520B invisible UV fluorescent TIJ 2.5 ink is invisible under normal light and emits blue light under a UV light source.

SecuJET® 2520B ink is designed for applications that require security features such as tickets, security labels, and product authentication marking.

## Technical Specifications

	<b>SecuJET® 2520B Print Cartridge</b>
<b>Ink type</b>	Invisible UV fluorescent dye aqueous ink
<b>Print cartridge type</b>	HP 45ai
<b>Resolution</b>	Up to 600 dpi, recommended 300 × 300 dpi
<b>Nozzle count</b>	300
<b>Print swath</b>	12.7 mm
<b>Firing voltage</b>	11.0 V
<b>Fire pulse width</b>	1.8 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 × 300 dpi
<b>Throw distance<sup>(2)</sup></b>	Up to 3 mm, recommended 1 mm
<b>Average delivered ink</b>	40 mL (vertical)
<b>Average drop volume</b>	27 pL
<b>Operating conditions</b>	15 °C to 35 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	10 °C to 35 °C
<b>Shelf life<sup>(3)</sup></b>	6 months from filling date

## Cartridge Shipping & Storage

- 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 deionized water 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.

## Light fastness

SecuJET® 2520B ink's printouts are intended for indoor use only, not recommended for window use or outdoor exposure. User should conduct individual tests to determine if light fastness meets the specific requirements.

## Ordering Information

<b>Product number</b>	<b>Product description</b>
2520B42A	SecuJET® 2520B 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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