

**Formulating a Greener World®**

# SecuJET® 2550R

Invisible UV fluorescent ink



# TECHNICAL DATA SHEET

SecuJET® 2550R invisible UV fluorescent TIJ 2.5 ink is invisible under normal light and emits red light under a UV light source.

SecuJET® 2550R ink is designed for applications that require security features such as banknotes, postage stamps, tickets, invoices, tax banderoles, security labels, and product authentication marking.<sup>(1)</sup>

## Technical Specifications

<b>Ink name</b>	<b>SecuJET® 2550R</b>
<b>Ink type</b>	Invisible 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>	9.0 V
<b>Fire pulse width</b>	1.8 µs
<b>Pulse warming</b>	OFF
<b>Decap time<sup>(1)</sup></b>	2 min
<b>Drying time<sup>(1)</sup></b>	3 – 5 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>	40 mL (vertical)
<b>Average drop volume</b>	33 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>	4 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

<b>Product number</b>	<b>Product description</b>
2550R42A	SecuJET® 2550R 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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