

***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 tickets, security labels, and product authentication marking.

## Technical Specifications

	SecuJET® 2550R Print Cartridge
<b>Ink type</b>	Invisible UV fluorescent 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</b>	2 min
<b>Drying time</b>	3 – 5 s at 300 x 300 dpi
<b>Throw distance</b>	Up to 5 mm
<b>Average delivered ink</b>	36 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>	5 °C to 30 °C
<b>Best before</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.

## Light fastness

SecuJET® 2550R 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

Product number	Product description
2550R42A	SecuJET® 2550R Print Cartridge

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