Formulating a Greener World®

SecuJET® 2550R

Invisible UV fluorescent ink

Mylan® GROUP
Formulating a Greener World®

ISO 14001 SGS
UKAS ENVIRONMENTAL MANAGEMENT 005
GUARDIAN INDEPENDENT CERTIFICATION ISO 9001 : 2015
UKAS QUALITY MANAGEMENT 045

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
Ink type	Invisible UV fluorescent dye solvent ink
Print cartridge type	HP 45si
Resolution	Up to 600 dpi, recommended 300 × 300 dpi
Nozzle count	300
Print swath	12.7 mm
Firing voltage	9.0 V
Fire pulse width	1.8 µs
Pulse warming	OFF
Decap time	2 min
Drying time	3 – 5 s at 300 × 300 dpi
Throw distance	Up to 5 mm
Average delivered ink	36 mL (vertical)
Average drop volume	33 pL
Operating conditions	15 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	5 °C to 30 °C
Best before	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.

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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