

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.

Technical Specifications

Ink name	SecuJET® 2550R
Ink type	Invisible dye solvent ink
Print cartridge type	HP 45si
Resolution	Up to 600 dpi, recommended 300 x 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⁽¹⁾	2 min
Drying time⁽¹⁾	3 - 5 sec at 300 x 300 dpi
Throw distance⁽²⁾	Up to 5 mm, recommended 3 mm
Average delivered ink	40 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
Shelf life⁽³⁾	4 months from filling date

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.

Cartridge Shipping & Storage

- Store the cartridge with a clip placed over the printhead. Nozzles up or horizontal.
- Avoid direct light.
- Refer to Safety Data Sheet for more information.

Light fastness

SecuJET® 2550R ink's printed outputs 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

(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.

MYLAN GROUP

Longduc Industrial Park, Travinh City, Travinh Province, Vietnam

Tel: +84 2943 846 997 - Fax: +84 2943 846 998

Email: inks@mylangroup.com

Website: www.mylangroup.com