

Formulating a Greener World®

SoluJET® 2707R

Solvent ink for non-porous media



TECHNICAL DATA SHEET

SoluJET® 2707R red solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.

SoluJET® 2707R ink provides long decap time, good adhesion and rub resistance, excellent sharpness and high optical density PET, PVC, PA, BOPP and metals. ⁽¹⁾

Technical Specifications

| | |
|---------------------------------------|--|
| Ink name | SoluJET® 2707R |
| Ink type | Red solvent dye 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 | 8.6 V |
| Fire pulse width | 2.0 µs |
| Pulse warming | OFF |
| Decap time⁽¹⁾ | Up to 1 h |
| Drying time⁽¹⁾ | 1 - 3 s at 300 × 300 dpi |
| Throw distance⁽²⁾ | Up to 5 mm, recommended 3 mm |
| Average delivered ink | 37 mL (vertical) |
| Average drop volume | 34 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 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

| Product number | Product description |
|-----------------------|--------------------------------|
| 2707R42A | SoluJET® 2707R 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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