

Formulating a Greener World®

SoluJET®2705R

Solvent ink for non-porous media



TECHNICAL DATA SHEET

SoluJET® 2705R red solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.

SoluJET® 2705R ink provides long decap time, excellent adhesion, rub resistance and optical density on various semi-porous and non-porous substrates such as nitrocellulose or acrylic coated foil, polyester, polyamide, PVC, OPP and other flexible packaging films.⁽¹⁾

Technical Specifications

| | |
|---------------------------------------|--|
| Ink name | SoluJET® 2705R |
| Ink type | Red 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⁾ | 10 min |
| Drying time⁽¹⁾ | 7 - 10 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 | 36 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.

Ordering Information

| Product number | Product description |
|-----------------------|--------------------------------|
| 2705R42A | SoluJET® 2705R 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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