Formulating a Greener World®

SoluJET®2701R

Solvent ink for non-porous media

Bulk Ink System

Mylan® GROUP
Formulating a Greener World®

ISO9001 SGS ISO14001 SGS UKAS MANAGEMENT SYSTEMS 005

TECHNICAL DATA SHEET

SoluJET® 2701R red solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.
SoluJET® 2701R ink provides fast drying time, good adhesion and rub resistance, and excellent sharpness on various semi-porous and non-porous substrates such as lacquered aluminum foils and packaging films.(1)

Technical Specifications

Name	SoluJET® 2701R Bulk Printhead	SoluJET® 2701R Bulk Ink Cartridge
Ink type	Red dye solvent ink	Red dye solvent ink
Print cartridge type	HP 45sci	Smart card ink cartridge
Resolution	Up to 600 dpi, recommended 300 × 300 dpi	N/A
Nozzle count	300	N/A
Print swath	12.7 mm	N/A
Firing voltage	9.0 V	N/A
Fire pulse width	1.8 µs	N/A
Pulse warming	OFF	N/A
Decap time(1)	5 min	N/A
Drying time(1)	3 - 4 sec at 300 × 300 dpi	N/A
Throw distance(2)	Up to 5 mm, recommended 3 mm	N/A
Ink fill volume	20 mL	400 mL
Average drop volume	33 pL	N/A
Print cartridge life	800 mL	N/A
Operating conditions	15 °C to 35 °C, 35% to 80% RH	15 °C to 35 °C, 35% to 80% RH
Shipping / storage temperature	5 °C to 35 °C	5 °C to 35 °C
Shelf life(3)	4 months from filling date	6 months from filling date

Cartridge Shipping & Storage

- The bulk printhead should be stored in vacuum sealed pouch until used.
- Use the bulk printhead within two weeks of removing it from vacuum sealed pouch for best performance.
- Store the bulk printhead 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 printhead.
- Holding the 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 bulk printhead.

Ordering Information

Product number	Product description
2701R45C	SoluJET® 2701R Bulk Printhead
2701R40B	SoluJET® 2701R Bulk Ink Cartridge
2701R22T	SoluJET® 2701R Bulk Printhead Tail

(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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