

Formulating a Greener World®

SoluJET® 2707K

Solvent ink for non-porous media

BULK INK SYSTEM



TECHNICAL DATA SHEET

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

SoluJET® 2707K ink provides enhanced durability, good adhesion and rub resistance, long decap time, excellent sharpness and barcode readability on semi-porous and non-porous substrates such as PET, PVC, PA, BOPP and foils. ⁽¹⁾

Technical Specifications

	SoluJET® 2707K Bulk Printhead	SoluJET® 2707K Bulk Ink Reservoir
Ink type	Black dye solvent ink	Black dye solvent ink
Print cartridge type	HP 45sci	
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 3 mm, recommended 3 mm	
Average delivered ink	20 mL (vertical)	400 mL
Average bulk delivered ink	800 mL	
Average drop volume	34 pL	
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 30 °C	5 °C to 30 °C
Shelf life⁽³⁾	6 months from filling date	9 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 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
2707K45C	SoluJET® 2707K Bulk Printhead
2707K40B	SoluJET® 2707K Bulk Ink Reservoir
2707K22T	SoluJET® 2707K 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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