

**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. <sup>(1)</sup>

## Technical Specifications

	<b>SoluJET® 2707K Bulk Printhead</b>	<b>SoluJET® 2707K Bulk Ink Reservoir</b>
<b>Ink type</b>	Black dye solvent ink	Black dye solvent ink
<b>Print cartridge type</b>	HP 45sci	
<b>Resolution</b>	Up to 600 dpi, recommended 300 × 300 dpi	
<b>Nozzle count</b>	300	
<b>Print swath</b>	12.7 mm	
<b>Firing voltage</b>	8.6 V	
<b>Fire pulse width</b>	2.0 µs	
<b>Pulse warming</b>	OFF	
<b>Decap time<sup>(1)</sup></b>	Up to 1 h	
<b>Drying time<sup>(1)</sup></b>	1 - 3 s at 300 × 300 dpi	
<b>Throw distance<sup>(2)</sup></b>	Up to 3 mm, recommended 3 mm	
<b>Average bulk delivered ink</b>	800 mL	
<b>Average drop volume</b>	34 pL	
<b>Operating conditions</b>	15 °C to 35 °C, 35% to 80% RH	15 °C to 35 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	5 °C to 30 °C	5 °C to 30 °C
<b>Best before<sup>(3)</sup></b>	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

<b>Product number</b>	<b>Product description</b>
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.

## 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