

Formulating a Greener World®

# SoluJET®2704B

Solvent ink for non-porous media

## Bulk Ink System



# TECHNICAL DATA SHEET

SoluJET® 2704B blue solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.

SoluJET® 2704B ink provides good adhesion and rub resistance, excellent sharpness and barcode readability on various semi-porous and non-porous substrates such as lacquered aluminum foils and packaging films.<sup>(1)</sup>

## Technical Specifications

Name	SoluJET® 2704B Bulk Printhead	SoluJET® 2704B Bulk Ink Cartridge
<b>Ink type</b>	Blue dye solvent ink	Blue dye solvent ink
<b>Print cartridge type</b>	HP 45sci	Smart card ink cartridge
<b>Resolution</b>	Up to 600 dpi, recommended 300 × 300 dpi	N/A
<b>Nozzle count</b>	300	N/A
<b>Print swath</b>	12.7 mm	N/A
<b>Firing voltage</b>	9.0 V	N/A
<b>Fire pulse width</b>	1.8 µs	N/A
<b>Pulse warming</b>	OFF	N/A
<b>Decap time<sup>(1)</sup></b>	1 min	N/A
<b>Drying time<sup>(1)</sup></b>	5 - 7 sec at 300 × 300 dpi	N/A
<b>Throw distance<sup>(2)</sup></b>	Up to 5 mm, recommended 3 mm	N/A
<b>Ink fill volume</b>	20 mL	400 mL
<b>Average drop volume</b>	35 pL	N/A
<b>Print cartridge life</b>	800 mL	N/A
<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>Shelf life<sup>(3)</sup></b>	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
2704B45C	SoluJET® 2704B Bulk Printhead
2704B40B	SoluJET® 2704B Bulk Ink Cartridge
2704B22T	SoluJET® 2704B 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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