

**Formulating a Greener World®**

# SoluJET® 2705B

Solvent ink for non-porous media



# TECHNICAL DATA SHEET

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

SoluJET® 2705B ink provides long decap time, excellent sharpness and barcode readability, good adhesion on semi-porous and non-porous substrates such as lacquered aluminum foils and packaging films. <sup>(1)</sup>

## Technical Specifications

Ink name	SoluJET® 2705B
<b>Ink type</b>	Blue solvent dye ink
<b>Print cartridge type</b>	HP 45si
<b>Resolution</b>	Up to 600 dpi, recommended 300 x 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>	1.6 µs
<b>Pulse warming</b>	OFF
<b>Decap time<sup>(1)</sup></b>	Up to 1 h
<b>Drying time<sup>(1)</sup></b>	5 - 10 s at 300 x 300 dpi
<b>Throw distance<sup>(2)</sup></b>	Up to 5 mm, recommended 3 mm
<b>Average delivered ink</b>	37 mL (vertical)
<b>Average drop volume</b>	37 pL
<b>Operating conditions</b>	15 °C to 35 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	5 °C to 30 °C
<b>Shelf life<sup>(3)</sup></b>	4 months from filling date

## Cartridge Shipping & Storage

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

## Ordering Information

Product number	Product description
2705B42A	SoluJET® 2705B 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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