

**Formulating a Greener World®**

# SoluJET®2701W

Solvent ink for non-porous media



# TECHNICAL DATA SHEET

SoluJET® 2701W white pigment solvent TIJ 2.5 ink is specially designed for high contrast and opaque coding and marking on various dark and clear substrates such as glass, metal and flexible packaging films.

SoluJET® 2701W ink provides fast drying time, good adhesion and rub resistance, and excellent sharpness, fade resistance and heat resistance.<sup>(1)</sup>

## Technical Specifications

<b>Ink name</b>	<b>SoluJET® 2701W</b>
<b>Ink type</b>	White pigment solvent ink
<b>Print cartridge type</b>	HP 45si
<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>	9.0 V
<b>Fire pulse width</b>	2.2 µs
<b>Pulse warming</b>	OFF
<b>Decap time<sup>(1)</sup></b>	5 min
<b>Drying time<sup>(1)</sup></b>	3 - 4 sec at 300 × 300 dpi
<b>Throw distance<sup>(2)</sup></b>	Up to 5 mm, recommended 3 mm
<b>Average delivered ink</b>	34 mL (vertical)
<b>Average drop volume</b>	33 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>	2 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 (nozzles up is recommended).
- Refer to Safety Data Sheet for more information.

## Cartridge Maintenance & Handling

- Lightly shake the capped cartridge at least 10 to 20 times before use.
- Use a lint-free cloth moistened with ethanol (> 98%) to clean the cartridge printhead.
- Hold 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.

## Ordering Information

<b>Product number</b>	<b>Product description</b>
2701W42A	SoluJET® 2701W 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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