

**Formulating a Greener World®**

# **SoluJET® 27070**

Solvent ink for non-porous media



# TECHNICAL DATA SHEET

SoluJET® 2707O which a methanol free orange solvent TIJ 2.5 ink is designed for track and trace coding and marking and other high-productivity industrial packaging printing applications.

SoluJET® 2707O ink provides excellent fade resistance and heat resistance, fast drying time on semi-porous and non-porous substrates such as coated paper, plastics, metals and foils.

## Technical Specifications

SoluJET® 2707O Print Cartridge	
<b>Ink type</b>	Orange dye solvent 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>	9.0 V
<b>Fire pulse width</b>	2.2 µs
<b>Pulse warming</b>	OFF
<b>Decap time</b>	Up to 1 h
<b>Drying time</b>	3 - 5 s at 300 x 300 dpi
<b>Throw distance</b>	Up to 5 mm
<b>Average delivered ink</b>	36 mL (vertical) and 34 mL (horizontal)
<b>Average drop volume</b>	39 pL
<b>Operating conditions</b>	10 °C to 30 °C, 50% to 90% RH
<b>Shipping / storage temperature</b>	10 °C to 30 °C
<b>Best before</b>	10 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. Horizontal position is recommend.
- 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
2707O42A	SoluJET® 2707O Print Cartridge

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