

Formulating a Greener World®

# SoluJET® 2720R

Solvent ink for penetrable media

## Bulk Ink System



# TECHNICAL DATA SHEET

SoluJET® 2720R black solvent TIJ 2.5 ink is formulated to penetrate into rigid polyvinyl chloride, polycarbonate, polyurethane, nitrocellulose/ acrylic coated, and other penetrable substrates resulting a permanent printed output.

SoluJET® 2720R ink provides fast and completed penetrating, excellent rub resistance and chemical resistance, good decap time and optical density.

## Technical Specifications

Name	SoluJET® 2720R Bulk Printhead	SoluJET® 2720R Bulk Ink Cartridge
<b>Ink type</b>	Red dye solvent ink	Red dye solvent ink
<b>Print cartridge type</b>	HP 45sci	Smart card ink cartridge
<b>Resolution</b>	Up to 600 dpi, recommended 300 x 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>	2.2 µs	N/A
<b>Pulse warming</b>	Off	N/A
<b>Decap time<sup>(1)</sup></b>	10 min	N/A
<b>Drying time<sup>(1)</sup></b>	3 - 5 sec on rigid PVC at 300 x 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>	36 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	4 months from filling date

## 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.

## Cartridge Shipping & Storage

- Store the cartridge with a clip placed over the printhead. Nozzles up or horizontal.
- Avoid direct light.
- Refer to Safety Data Sheet for more information.

## Ordering Information

Product number	Product description
2720R45C	SoluJET® 2720R Bulk Printhead
2720R40B	SoluJET® 2720R Bulk Ink Cartridge
2720R20T	SoluJET® 2720R 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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