

# 5720R

## Solvent ink for penetrable media

### TECHNICAL DATA SHEET

The 5720R Red MEK Solvent ink is specifically formulated for use in Funai Zion Cartridges. This advanced ink is engineered to bond with permeable substrates such as polyvinyl chloride, polycarbonate, acrylic coatings and polyurethane ensuring durable and long-lasting print quality. The 5720R ink delivers rapid absorption, outstanding scratch resistance, and chemical resistance. Additionally, it offers prolonged decap time and high optical density for ensuring top-notch print quality.

### Technical Specifications

Name	5720R Print Cartridge
<b>Ink type</b>	Red solvent dye ink
<b>Print cartridge type</b>	Funai Zion
<b>Resolution</b>	Up to 300 dpi, recommended 300 x 200 dpi
<b>Nozzle count</b>	320
<b>Print swath</b>	13.5 mm
<b>Firing voltage</b>	9.3 V
<b>Pre-fire pulse width</b>	0.8 µs
<b>Delay width</b>	1.2 µs
<b>Main-fire pulse width</b>	1.4 µs
<b>Pulse warming</b>	OFF/ ON 25 °C
<b>Decap time</b>	10 min
<b>Drying time</b>	2-3 s at 300 x 200 dpi
<b>Throw distance</b>	Up to 8 mm
<b>Average delivered ink</b>	40 mL (vertical) and 38 mL (horizontal)
<b>Average drop volume</b>	64 pL
<b>Operating conditions</b>	15 °C to 30 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	15 °C to 30 °C
<b>Best before</b>	6 months from filling date

### Cartridge Shipping & Storage

- Store the cartridge in its sealed pouch until time to use.
- Ensure the cartridge is stored with clip securing printhead, NOZZLES DOWN orientation recommended.
- Refer to Safety Data Sheet for more information.

### Cartridge Maintenance & Handling

- Use lint-free cloth dampened with ethanol (> 98%) to clean the cartridge printhead. Use of cloth with lint may clog nozzles.
- Hold the cartridge printhead face down, gently press the printhead on the lint-free cloth and allow ink to wick out. Then, carefully wipe across the tip of the long edge.
- Do not shake the cartridge.

### Ordering Information

Product number	Product description
5720R42A	5720R Print Cartridge

### RYNAN Technologies Pte Ltd.

60 Paya Lebar Road, #05-57 Paya Lebar Square

Singapore 409051

Website: [www.rynanprinting.com](http://www.rynanprinting.com) - E-mail: [info@rynanprinting.com](mailto:info@rynanprinting.com)



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