

# RadiJET® 7610K

## UV Curable Piezoelectric Inkjet Ink

### TECHNICAL DATA SHEET

RadiJET® 7610K UV-LED curable PIJ ink is designed for inkjet printers that equipped with piezoelectric inkjet printheads. The ink provides high-productivity industrial performance across a wide range of label, ticket, and packaging printing applications.

RadiJET® 7610K ink provides excellent adhesion, flexibility and chemical resistance; scrip text and barcode on various non-porous substrates including wood, plastics, foil, metals, glass.<sup>(1)</sup>

RadiJET® 7610K is solvent-free and energy saving by using UV-LED lamp, thus environmental friendly.

### Technical Specifications

RadiJET® 7610K	
<b>Ink type</b>	Black pigment UV-LED curable ink
<b>Decap time</b>	Up to 1 h
<b>UV dosage<sup>(*)</sup></b>	480 mJ/cm <sup>2</sup>
<b>Operating conditions</b>	10 °C - 35 °C, 35% to 80% RH
<b>Shipping / storage temperature</b>	5 °C - 30 °C
<b>Shelf life<sup>(2)</sup></b>	6 months

(\*) 360 x 360 dpi – 2 drops, UV-LED 4 W/cm<sup>2</sup>, wavelength 395 nm, 20 mm run-length, 5 mm above substrate.

### Recommended Jetting Parameters

Printhead	Konica Minolta KM1024	Konica Minolta KM512	Ricoh Gen 4
<b>Printhead temperature</b>	40 °C – 45 °C	40 °C – 45 °C	40 °C – 45 °C
<b>Waveform</b>	5/10/10 µs	5/10/10 µs	2/2.5/2/9 µs

### Shipping & Storage

- The ink should be stored in cold and dry place, avoid direct light.
- Refer to Safety Data Sheets for more information.

### Handling

- Slightly shaking the ink before use is recommended.
- Do not expose the ink under light.
- Cleaning and flushing printhead by RadiJET® 7600F flushing solution.

### Ordering Information

Product number	Product description
7610K01P	RadiJET® 7610K

(1) Ink performance may vary depending on substrate, printer, and environmental conditions.

(2) Must be shipped and stored under recommended conditions.

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