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.(1)
RadiJET® 7610K is solvent-free and energy saving by using UV-LED lamp, thus environmental friendly.

Technical Specifications

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

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

Recommended Jetting Parameters

Printhead	**Konica Minolta KM1024**	**Konica Minolta KM512**	**Ricoh Gen 4**
Printhead temperature	40 °C – 45 °C	40 °C – 45 °C	40 °C – 45 °C
Waveform	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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