RadiJET® 7616K

UV Curable Piezoelectric Inkjet Ink

TECHNICAL DATA SHEET

RadiJET® 7616K 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® 7616K ink provides excellent adhesion, flexibility and chemical resistance; crisp text and barcode on various semi-porous and non-porous substrates such as breakable sticker, plastics, metals, glass.(1)
RadiJET® 7616K is solvent-free and energy saving by using UV-LED lamp, thus environmental friendly.

Technical Specifications

	RadiJET® 7616K
Ink type	Black pigment UV-LED curable ink
Decap time	Up to 20 min
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**
7616K01P	RadiJET® 7616K

(1) Ink performance may vary depending on substrate, printer, and environmental conditions.
(2) Must be shipped and stored under recommended conditions.

MYLAN GROUP
Long Duc Industrial Park, Long Duc Ward, Vinh Long Province, Vietnam
Tel.: +84 294 3846 997 - Fax: +84 294 3846 998
Email: info@mylangroup.com
Website: www.mylangroup.com