

Formulating a Greener World®

RadiJET® 7610 Series

UV – LED Curable Inks for Piezo Inkjet



KONICA MINOLTA



PRODUCT INFORMATION

RadiJET®7610 series UV-LED curable inks are designed for inkjet printers equipped with piezo printheads. RadiJET®7610 series inks deliver high-speed printing and high productivity industrial performance across a wide range of label, ticket, and packaging printing applications.

RadiJET®7610 series inks provide crisp text, 1D and 2D barcodes and graphics on various semi-porous and non-porous substrates including coated paper, nitrocellulose or acrylic coated foils, polystyrene, polyester and wood.⁽¹⁾

RadiJET®7610 series inks are solvent-free and save energy by using a UV-LED lamp.

Technical Specifications

Specifications	RadiJET®7610K	RadiJET®7610C	RadiJET®7610M	RadiJET®7610Y
Colorant type	Black pigment	Cyan pigment	Magenta pigment	Yellow pigment
Decap time	Up to 1 hour	Up to 1 hour	Up to 1 hour	Up to 1 hour
Curing energy	250 mJ/cm ²	250 mJ/cm ²	250 mJ/cm ²	250 mJ/cm ²
Curing wavelength	395 nm	395 nm	395 nm	395 nm
Viscosity	18 - 22 cP	17 - 21 cP	18 - 22 cP	19 - 23 cP
Operating temp.	10° - 35°C	10° - 35°C	10° - 35°C	10° - 35°C
Shelf life ⁽²⁾	6 months	6 months	6 months	6 months

Recommended Jetting Parameters

Printhead	Parameters	RadiJET®7610K	RadiJET®7610C	RadiJET®7610M	RadiJET®7610Y
Konica Minolta KM1024	Setting Temp.	40 - 45 °C	39 - 44 °C	40 - 45 °C	41 - 46 °C
	Waveform	5/10/10 µs	5/10/10 µs	5/10/10 µs	5/10/10 µs
Konica Minolta KM512	Setting Temp.	40 - 45 °C	39 - 44 °C	40 - 45 °C	41 - 46 °C
	Waveform	5/10/10 µs	5/10/10 µs	5/10/10 µs	5/10/10 µs
Ricoh Gen4	Setting Temp.	40 - 45 °C	39 - 44 °C	40 - 45 °C	41 - 46 °C
	Waveform	2/2.5/2/9 µs	2/2.5/2/9 µs	2/2.5/2/9 µs	2/2.5/2/9 µs

Handling

- Recommended to shake lightly before use.
- Do not expose the inks to light.
- Clean and flush printhead with RadiJET®7600F flushing solution.

Storing & Shipping

- Avoid direct light for best performance.
- Store between 10°C to 25°C away from heat.
- Please refer to Safety Data Sheets for more information.

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

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

MYLAN GROUP

Longduc Industrial Park
Travinh City, Travinh Province, Vietnam
Tel: +84 743 846 997 - Fax: +84 743 846 998
Email: info@mylangroup.com
Website: www.mylangroup.com

VJETSTORE

No .1.2, Floor 1, Block A Phu Hoang Anh, Section 1
Nguyen Huu Tho Street, Phuoc Kien Ward
Nha Be District, Ho Chi Minh City, Vietnam
Tel: +84 837 817 990 - Fax: +84 837 840 998
Email: info@vjetstore.com
Website: www.vjetstore.com