

Formulating a Greener World®

RadiJET® 7602 Series

UV Curable Inks for Piezo Inkjet



KONICA MINOLTA



PRODUCT INFORMATION

RadiJET®7602 series UV curable inks are designed for inkjet printers equipped with piezo printheads. RadiJET®7602 series inks are suitable for commercial printing applications including POP displays, advertisement billboards, graphic banners and posters.

RadiJET®7602 series inks exhibit vivid color, a wide color gamut, and excellent fade resistance for interior and exterior printing applications.

RadiJET®7602 series inks provide fast curing speed with medium pressure Hg-vapor UV lamps and excellent adhesion on various substrates including ceramic, glass, metal, plastic, paper and wood. ⁽¹⁾

Technical Specifications

RadiJET®	7602C	7602M	7602Y	7602K	7602LC	7602LM	7602W	7602V
Colorant type	Cyan pigment	Magenta pigment	Yellow pigment	Black pigment	Light cyan pigment	Light magenta pigment	White pigment	Colorless varnish
Curing wavelength (nm)	320-365	320-365	320-365	320-365	320-365	320-365	320-365	320-365
Viscosity (cP)	17 - 21	18 - 22	19 - 23	17 - 21	15 - 19	15 - 19	20 - 24	20 - 24
Surface tension (Dyn/cm)	26 - 30	26 - 30	26 - 30	26 - 30	26 - 30	26 - 30	26 - 30	26 - 30
Operating condition	15 - 35	15 - 35	15 - 35	15 - 35	15 - 35	15 - 35	15 - 35	15 - 35
Storage temp. (°C)	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25	10 - 25
Shelf life ⁽²⁾	6 months	6 months	6 months	6 months	6 months	6 months	6 months	6 months

Recommended Jetting Parameters

RadiJET®		7602C	7602M	7602Y	7602K	7602LC	7602LM	7602W	7602V
KM1024 Printhead	Setting Temp. (°C)	42 - 47	45 - 50	45 - 50	42 - 47	40 - 45	40 - 45	47 - 52	47 - 52
	Waveform (µs)	5/10/10							
KM512 Printhead	Setting Temp. (°C)	42 - 47	45 - 50	45 - 50	42 - 47	40 - 45	40 - 45	47 - 52	47 - 52
	Waveform (µs)	5/10/10							
Ricoh Gen4 Printhead	Setting Temp. (°C)	42 - 47	45 - 50	45 - 50	42 - 47	40 - 45	40 - 45	47 - 52	47 - 52
	Waveform (µs)	2/2.5/2/9							

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