

THINK

LIOJET™ Inkjet Inks



Very Versatile.

LIOJET™ Inkjet Inks achieve high density and a wide color reproduction range using Toyo Ink's advanced pigment synthesis and dispersion technologies.

Product Overview

LIOJET™ UV Inkjet Inks Series demonstrates rapid curing through a photopolymerization initiator optimized for UV curing.

LIOJET™ Solvent-Based Inkjet Inks Series ensures superior print durability through advances in resin design.

TOYO INK
Value You Can See

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LIOJET™ UV Inkjet Inks

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Features and Benefits

■ LIOJET™ UV Inkjet Inks

Features

- High density
- Wide range of color reproduction

Benefits

- Works on a wide variety of substrates
- Rapid curing
- Variety of formulations available
- Versatile range of applications

■ LIOJET™ Solvent-Based Inkjet Inks

Features

- Storage stability
- Density
- Color reproducibility

For technical assistance, call 1-201-287-4000.

Printed with Toyo Ink

Specifications

■ LIOJET™ FV Series

LIOJET™ high-functional UV inkjet inks offer two formulations, FV03 Series realizes adhesion to base substrates such as polyvinyl chloride along with rapid curing and high surface hardness. Available in seven colors: CMYKW, LC, LM.

Product	Viscosity (mPa•s)			Surface tension N mN/m	Accumulated light volumes mJ/cm ²	Recommend lamp High pressure mercury lamp	Pencil Hardness test
	25°C	40°C	45°C				
FV03	18-22	10-13	8-11	21-23	100	H,D	2H

FV03 has been certified for the XAAR760 printhead and tested for the KM512MH/LH printhead.

■ LIOJET™ NC Series

The NC Series of UV curable inks adhere to a wide array of base substrates. LIOJET NC not only allows you to print directly on to PVC-based materials, but polycarbonate, PMMA, PET, PP and glass as well. Available in five colors: CMYKW.

Product	Viscosity (mPa•s)			Surface tension N mN/m	Accumulated light volumes mJ/cm ²	Recommend lamp High pressure mercury lamp	Pencil Hardness test
	25°C	30°C	40°C				
NC	15-17	10-12	8-10	24-18	150	H,D	HB

	Flexible PVC	Rigid PVC	PC	PMMA	PET	Glass	PP
FV03	***	**	—	—	*	—	—
NC	***	***	***	***	***	***	***

* Fair, ** Good, *** Excellent

■ LIOJET™ SR Series

LIOJET SR Solvent-Based Inkjet Inks ensure superior print durability through advances in resin design.