

# Uvijet QK



**SERICOL**  
More than ink...Solutions.  
**FUJIFILM**

Uvijet QK inks are exclusively designed for the UVISTAR Series of printers

## Features

- Conventional UV ink system
- Fast cure for high production output
- Intense colors. Wide color gamut
- Wide adhesion range with excellent adhesion such as polyethylene
- Recommended for both internal and external applications
- Suitable for decoration of uneven substrates
- Suitable for use on the UVISTAR Series of printers from Fujifilm

## Uvijet QK Ink Properties

The Uvijet QK range is a high quality UV curable inkjet system, for Piezo Drop-on-Demand print heads, specifically developed for use with the UVISTAR Series of printers from Fujifilm.

The inks offer superb dot reproduction, lightfast bright colors, and adhere to a wide range of rigid and flexible uncoated materials.

## Uvijet QK Color Range

- QK - 215/5K      Cyan
- QK - 052/5K      Yellow
- QK - 004/5K      Black
- QK - 867/5K      Magenta
  
- QV - 017/5L      Flushing Solution

## Application Range

The UVISTAR Series of UV roll printers and Uvijet QK ink combine to create a world of printing opportunities.

Uvijet QK inks are designed to decorate a wide range of uncoated media, including:

Media	Media Type	Adhesion Characteristics
Flexible	Blueback Paper	★ ★ ★
	SA Vinyl	★ ★ ★
	Banner Vinyl	★ ★ ★
	Tyvek	★ ★ ★
	Mesh	★ ★
Rigid	Foam PVC	★ ★ ★
	Acrylic	★
	APET	★ ★
	Gloss Rigid PVC	★ ★ ★
	Polycarbonate	★ ★ ★
	Styrene	★ ★

Excellent ★ ★ ★ Good ★ ★ Fair ★

## Adhesion to PE:

Manf. PE Substrate	Product	Construction	Uvijet QK	
			Initial Results 1hr post printing	After freezer storage tests
Fabrene	X7W7 top coated	LDPE-HDPE-LDPE	★ ★ ★	★ ★ ★
	W147WW Fire retardant	LDPE-HDPE-LDPE	★ ★	★ ★ ★
Cooley group	Polyposter-green back	LDPE-HDPE-LDPE	★ ★	★ ★ ★

Excellent ★ ★ ★ Good ★ ★ Fair ★

**The end user must determine suitability of the product for the intended use prior to production.**

Product Information

## Curing

Excellent cure and adhesion are achieved immediately. However, maximum adhesion, chemical, scuff and scratch resistance may not be obtained until 24 hours after initial curing.

The actual level of cure will depend upon ink thickness, substrate and the UV curing lamps being used. Superior cure may be obtained by reducing the print speed to increase the overall UV dose.

## Chemical and Abrasion Resistance

Uvijet QK inks have good chemical and excellent abrasion resistance.

## Storage

Uvijet QK ink should not be stored in direct sunlight or near heat sources and should be kept away from peroxides. In the interest of maximum shelf-life storage temperatures should be between 50°F and 100°F.

When stored in a cool environment the inks are expected to have a shelf-life of 12 months from date of manufacture.

## Safety & Handling

### Uvijet QK Inks

- Are free from N-Vinyl-2-pyrrolidone, which is suspected of causing cancer.
- High flashpoint and therefore are exempt from the Highly Flammable Liquid Regulations.
- Are formulated free from lead and other heavy metals and therefore should comply to the American Toy standard ASTM F963 Safety regulations

Comprehensive information on the safety and handling of Uvijet QK inks is given in the appropriate Fujifilm Sericol Material Safety Data Sheets available upon request.

## Environmental Information

### Uvijet QK Inks

- Does not contain ozone-depleting chemicals as described in the Montreal Convention.
- Are formulated free from aromatic hydrocarbons known to have an adverse effect on the environment.
- Are free from any volatile solvent and therefore beneficial to the environment when compared to solvent-based products.

*The information and recommendations contained in this Technical Data Sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.*