

## Color+ QJ Series solvent based inkjet inks

**Color + QJ Series inks are designed to provide optimal performance on the HP drum printers including the Novo, Pressjet and Turbojet.**

### Features

- Solvent-based technology
- Fast drying
- Bright, vibrant colors
- Suitable for uncoated materials
- Recommended for both external and internal applications

### Ink Properties

The QJ Series is a range of high density, durable solvent-based ink for use on HP drum style equipment. The inks are designed to ensure easy switchover from the original OEM inks.

All of inks are manufactured using Fujifilm Sericol's unique Micro-V dispersion technology that ensures sub-micron particle sizes to virtually eliminate nozzle blockage. In addition, the QJ Series inks have been formulated using a single pigment to provide the cleanest and widest color gamut possible.

### Main Characteristics

#### Trichromatic color range

- QJ004 Black
- QJ052 Yellow
- QJ135 Magenta
- QJ185 Light Magenta
- QJ215 Cyan
- QJ255 Light Cyan
- QU016 Flushing and cleaning solution

*Available in 5 and 10 liter containers*

### Application Range

QJ Series inks are recommended for a wide range of uncoated materials. Main applications include:

- Billboards
- Display POP
- Poster
- Indoor and Outdoor Signage
- Bus Shelters
- Taxi Advertising
- Exhibition and Window graphics.

QJ Series can be used to decorate a wide range of flexible and semi rigid substrates such as:

- PVC
- Self-adhesive Vinyl
- Synthetic papers
- Paper
- Blue backed poster papers

**THE END USER MUST DETERMINE SUITABILITY OF THIS PRODUCT FOR THE INTENDED USE PRIOR TO PRODUCTION.**

### Drying

QJ Series inks have been formulated to meet the drying specification of the Turbojet format presses using solvent-based inks.

The actual drying speed will depend on a number of factors. These include, ink thickness, substrate choice and the print speed.

### Color and outdoor durability

The highest quality pigments have been chosen for their super-wide color gamut maximizing the range of colors achievable.

Accelerated weathering tests have been carried out in a Xenon Arc weatherometer set to the SAEJ 1960 standard. Under these conditions the accelerated weathering of QJ Series inks equate to approximately 9 months outdoor exposure in a temperate climate such as North America.

### Chemical and Abrasion Resistance

QJ Series inks have good chemical and abrasion resistance. However, for optimum resistance it is recommended to over-varnish or laminate prints to protect the surface from chemical attack.

### Plastics

Certain plastics may be impregnated with lubricants, which may impair adhesion and block resistance even a considerable period of time after printing.

### Storage

In the interest of maximum shelf-life storage temperatures should be between 40 and 85°F. If stored under these conditions the inks are expected to have a shelf-life of 12 months from date of manufacture.

## Fujifilm Sericol:

- Has certification to the International Environmental Standard, ISO 14001.
- Is committed to minimizing the risk to users of our products, and also to minimizing the impact of our activities on the environment, from formulation through to production and supply.
- Research & development team, work to an in house Health, Safety and Environmental policy, termed 'Design for Health, Safety and Environment', with the aim of proactively developing products with the least impact on health, safety and the environment.
- Regularly review and monitor our impacts and activities, setting objectives and targets as part of a continual improvement process.
- Is committed to reducing waste through better use of raw materials, energy, water, re-use and recycling.

## Print Head Warranty

Fujifilm Sericol warrants that QJ Series inks have been formulated to be compatible with the ink supply system of the super-wide presses and will not cause damage to the print heads providing these inks are used in accordance with OEM's operating and servicing recommendations and Fujifilm Sericol's ink storage conditions.

If Fujifilm Sericol inks are proven to be the cause of a breakdown, then Fujifilm Sericol will reimburse the cost of defective parts. In the case of a claim, any defective part will be subject to analysis in our technical service laboratory to determine the cause and extent of damage due to ink performance. This warranty is in addition to that set out in Fujifilm Sericol's standard terms and conditions of supply.



## Safety & Handling

### QJ Series inks

- Are not routinely tested, but are formulated to comply with the ASTM F963-08 Toy Safety Standard.

**Comprehensive information on the safety and handling of QJ Series inks and flushing solution is given in the appropriate Fujifilm Sericol Material Safety Data Sheets.**

## Environmental Information

### QJ Series Inks

- Do not contain ozone-depleting chemicals as described in the Montreal Convention.
- Are formulated free from aromatic hydrocarbons.

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.

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