

# color+ Series 100 IH

Digital Ink Systems

## Color + Series 100 IH Solvent based inkjet inks.

**Color+ Series 100 IH inks have been designed specifically for Idanit™ and Pressjet™ printers or similar drop on demand inkjet.**

### Features

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

### Ink Properties

Series 100 IH is a range of high density; highly durable solvent-based pigmented inks for use with either the Idanit or Scitex Pressjet. The inks are designed to ensure easy switch over from original OEM inks.

Using only the best quality pigments and Sericol Imaging's unique Micro V dispersion technology, Series 100 IH inks provide a wider, cleaner colour gamut increasing the number of colours achievable, simultaneously maximising outdoor lightfastness for prints with lasting impact.

### Trichromatic colour range

IH004	Black
IH052	Yellow
IH135	Magenta
IH185	Light Magenta
IH215	Cyan
IH255	Light Cyan
QU016	Flushing and cleaning solution

Available in 5 litre containers

### Application Range

Series 100 IH 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.

Series 100 IH 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

Series 100 IH inks have been formulated to meet the drying specification of the Idanit and Pressjet superwide 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.

### Colour and outdoor durability

The highest quality pigments have been chosen for their super-wide colour gamut maximising the range of colours 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 Series 100 IH inks equate to approximately 12 months outdoor exposure in a temperate climate such as the UK.

### Chemical and Abrasion Resistance

Series 100 IH 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 5 and 30°C. If stored under these conditions the inks are expected to have a shelf-life of 12 months from date of manufacture.

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PRODUCT INFORMATION

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## Fujifilm Sericol UK Limited:

- Has certification to the International Environmental Standard, ISO 14001.
- Is committed to minimising the risk to users of our products, and also to minimising 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.

## Safety & Handling

### Series 100 IH inks

- Are formulated to be free from any chemicals toxic to health, carcinogenic, mutagenic or reprotoxic according to Directive 67/548/EC.
- Are not routinely tested, but are formulated to comply with the EN71-3 1995 Toy Safety Standard.

Comprehensive information on the safety and handling of Series 100 IH inks and cleaner is given in the appropriate Sericol Safety Data Sheets.

## Environmental Information

### Series 100 IH 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 Product Information 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 Product Information sheet out of date and users are requested to ensure that they follow current recommendations.*

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