color+ UV Series CI

Digital Ink Systems

color + Series UV inkjet inks.

color+ Series CI ink system are a range of UV curable inkjet inks developed specifically for use with Superwide Piezo print on demand UV printers

Features

- Fast UV cure for high production output
- Excellent inter-coat lay down for backlit and solid prints
- Wide adhesion range with no loss in flexibility to all media including polyethylene substrates
- Ultra low print odour
- Recommended for both internal & external applications
- Bright vibrant colours
- Suitable for uncoated materials

Ink Properties

Series CI is a range of high density, highly durable UV curable pigmented inks for Piezo drop on demand printhead technology. Using the best quality pigments and the Fujifilm Sericol unique Micro V dispersion technology color+ Series CI inks produce the widest colour gamut of any UV curable ink system, increasing the number of colours printable whilst simultaneously maximising outdoor light-fastness for prints with a lasting impact.

Trichromatic Colour Range

CI004	Black
CI052	Yellow
CI867	Magenta
CI335	Light Magenta
CI215	Cyan
CI255	Light Cyan
CI021	White
CI900	UV Flushing Solution

Available in 5 litre containers

Application Range

Series CI inks are formulated to provide excellent adhesion to flexible materials giving superb output quality, even at high print speeds. These inks are suitable for a wide range of media such as flexface banners, mesh, blue-back or backlit paper, self-adhesive vinyl, flags and many more coated and uncoated media.

Main applications include:

- Posters
- Banners
- Bus/Taxi Advertising
- Exhibition Graphics
- Display POP

color+ Series CI can be used to decorate a wide range of substrates such as:

- Banner Grade PVC
- Self-adhesive Vinyl
- Mesh
- Poster Paper
- Polyethylene
- Polypropylene

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

Curing

Excellent cure and adhesion are achieved immediately on curing. However maximum adhesion and 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, colours in image, substrate and the UV curing lamps being used. Superior through-cure may be obtained by reducing the print speed to increase the overall UV dose.

Colour and Outdoor Durability

The highest quality pigments have been chosen for their very wide colour gamut maximising the range of colours achievable.

Accelerated weathering tests have been carried out in a Xenon Arc Weather-O-Meter set to the SAEJ 1960 standards. Under these conditions, for the Sign and Banner market, the accelerated weathering of Series CI inks equates to approximately 24 months outdoor exposure in a temperate climate such as the UK.

Chemical and Abrasion Resistance

Series CI inks have good chemical and abrasion resistance. For optimum print durability it is recommended to over varnish or laminate prints to protect the surface from chemical attack.

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.

PRODUCT INFORMATION

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 CI inks

- For optimum shelf life, all products should be stored at moderate temperatures, between 5°C and 30°C. Storage outside of these temperatures may lead to deterioration in the performance of the product.

Comprehensive information on the safety and handling of Series CI inks, solvents and associated products is given in the appropriate Safety Data Sheets.

Environmental Information

Series CI inks

- Do not contain ozone-depleting chemicals as described in the Montreal Convention.
- Are formulated free from aromatic hydrocarbons.
- Are free of any volatile solvent and can therefore be considered to have less impact on the environment, when compared with solvent-based products.

SERICOL
More than ink...Solutions.

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