

Color+ Series BP

Solvent-based Inkjet Inks

PRODUCT INFORMATION

Color+ Series BP inks have been designed exclusively for large format printers or similar drop on demand printers utilising Epson print head technology.

Features

- Mild solvent-based technology
- Fast drying
- Bright vibrant colours
- Suitable for uncoated materials including papers, banners and vinyl
- Recommended for both internal & external applications

Ink Properties

Color+ Series BP is a range of high density, highly durable solvent-based pigmented inks for Piezo drop on demand printhead technology. Using the best quality pigments and the Fujifilm unique Micro V dispersion technology, Color+ Series BP inks provide a wide colour gamut multiplying the number of colours printable whilst simultaneously maximising the outdoor light-fastness for prints with a lasting impact.

Printing Recommendations

When using Color+ Series BP inks it is recommended that normal drop modes are used.

Colour Range

BP004 Black
BP052 Yellow
BP135 Magenta
BP185 Light Magenta
BP215 Cyan
BP255 Light Cyan

Available in 1 litre containers

QU016 Flushing and Cleaning Solvent

Available in 5 litre containers

Application Range

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

- Self-adhesive signs and stickers
- Display graphics
- Citylite Posters
- Banners

- Bus/Taxi Advertising
- Exhibition Graphics

Color+ Series BP can be used to decorate a wide range of substrates such as:

- Self-adhesive vinyl
- Banner grade PVC
- Paper

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

Drying

Color+ Series BP inks have been formulated to meet the drying specification of a range of large format printers using mild 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 very 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 2527 Standard. Under these conditions, the accelerated weathering of unprotected Color+ Series BP inks equates to approximately 6 months outdoor exposure in a temperate climate such as the UK. The outdoor exposure of Color+ Series BP can be increased by over-varnishing with a suitable varnish or laminating the print.

Chemical and Abrasion Resistance

Color+ Series BP inks have greater alcohol/petrol chemical and abrasion resistance than the OEM inks. 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.

It is normal for banner grade PVC to be highly plasticised, which over time migrates to the surface significantly reducing the ink adhesion level. This

problem can be overcome by wiping the surface with white spirit before printing.

Certain plastics can become brittle when printed, possibly to the point of shattering, often only after several weeks. It is therefore essential to check compatibility between ink and plastic to guard against this problem.

Storage

Color+ Series BP inks 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 5°C and 30°C. When stored under these conditions the inks are expected to have a shelf-life of 12 months from date of manufacture.

Fujifilm Speciality Ink Systems 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 and 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 and Handling

Color+ Series BP 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 EN71-3 1995 Toy Safety Standard.
- 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 Color+ inks is given in the appropriate Safety Data Sheets.

Environmental Information

Color+ Series BP 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 Fujifilm Speciality Ink Systems Limited and its associated companies, 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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