

color+ Series 150 GH

Digital Ink Systems

Color+ Series 150 GH Solvent-based inkjet inks.

Color+ Series 150 GH inks have been produced specifically for the DGI Rex & Vista Jet wide format presses.

Features

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

Ink Properties

Series 150 GH are a range of high density, highly durable solvent-based pigmented inks for Piezo drop on demand print head technology. Using the best quality pigments and Sericol Imaging's unique Micro V dispersion technology, Series 150 GH inks provide a wide colour gamut increasing the number of colours printable, and simultaneously maximising outdoor lightfastness for prints with a lasting impact.

Trichromatic colour range

GH004	Black
GH052	Yellow
GH135	Magenta
GH185	Light Magenta
GH867	Magenta Blue Shade
GH215	Cyan
GH255	Light Cyan
QU016	Flushing and cleaning solvent

Available in 1 litre containers

Application Range

Series 150 GH inks are recommended for a wide range of uncoated materials. Main applications include:

- Display POP
- Poster, Banners
- Bus/Taxi Advertising
- Exhibition graphics.

Series 150 GH can be used to decorate a wide range of substrates such as:

Banner Grade PVC
PVC
Self Adhesive Vinyl
Textile Mesh
Paper

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

Drying

Series 150 GH inks have been formulated to meet the drying specification of DGI Rex & Vista Jet wide 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 150 GH inks equate to approximately 24 months outdoor exposure in a temperate climate such as the UK.

Chemical and Abrasion Resistance

Series 150 GH 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 that 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 that 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.

Head Warranty

Sericol warrant that Series 150 GH inks have been formulated to be compatible with the ink supply system of the DGI Rex & Vista Jet presses and will not cause damage to the print heads providing these inks are used in accordance with DGI's own operating and service recommendations and Sericol's ink storage conditions.

If Sericol inks are proven to be the cause of a breakdown, then Sericol will replace the defective parts.

In the case of a claim, any replacement 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 Sericol's standard terms and conditions of supply.

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PRODUCT INFORMATION

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 6 months from date of manufacture.

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 150 GH 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 150 GH inks and cleaner is given in the appropriate Sericol Safety Data Sheet available on request.

Environmental Information

Series 150 GH Inks

- Do not contain ozone depleting chemicals as described at 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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