

color+ Series 180 KG

Digital Ink Systems

Color + Series 180 KG Solvent-based inkjet inks.

Color+ Series 180 KG inks have been designed exclusively for the Scitex™ Grandjet™ and XLjet™ 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 180KG is a range of high density, highly durable solvent-based pigmented inks for Scitex™ Grandjet™ and XLjet™ printers or similar Piezo drop-on-demand printers utilizing XAAR™ head technology. Using the best quality pigments and Sericol Imaging's unique Micro V dispersion technology, Series 180 KG inks provide a wide colour gamut multiplying the number of colours printable whilst simultaneously maximising the outdoor lightfastness for prints with a lasting impact. Color+ Series 180 KG inks have been specifically designed for use with these printers to ensure compatibility and easy change over.

Trichromatic colour range

KG004	Black
KG003	Light Black
KG052	Yellow
KG063	Light Yellow
KG135	Magenta
KG185	Light Magenta
KG215	Cyan
KG255	Light Cyan
QU016	Flushing and cleaning solvent

Available in 5 litre containers

Application Range

Series 180 KG inks are recommended for a wide range of uncoated materials. Main applications include:

- Display PoP
- Poster, Banners
- Bus/Taxi Advertising
- Exhibition Graphics.

Series 180 KG can be used to decorate a wide range of substrates such as:

- Banner Grade PVC
- PVC
- Self-adhesive Vinyl
- Mesh
- Paper

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

Drying

Series 180 KG inks have been formulated to meet the drying specification of the Scitex™ Grandjet™ and XLjet™ 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 180 KG inks equate to approximately 24 months outdoor exposure in a temperate climate such as the UK.

Chemical and Abrasion Resistance

Series 180 KG 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.

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.

Head Warranty

Sericol warrant that Series 180 KG inks have been formulated to be compatible with the ink supply system of the Scitex™ Grandjet™ and XLjet™ press and will not cause damage to the print heads providing these inks are used in accordance with Scitex's own operating and servicing 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 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 Sericol's standard terms and conditions of supply.

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Storage

Series 180 KG inks should not be stored in direct sunlight or near warm pipes and should be kept away from peroxides. 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.

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 180 KG 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 180 KG inks and cleaner is given in the appropriate Sericol Safety Data Sheet available on request.

Environmental Information

Series 180 KG 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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