

color+ Series 20 ST

Solvent-based inkjet ink

Color+ Series 20 ST inks have been produced specifically for the Mutoh Albatros wide format press.

Features

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

Ink Properties

Series 20 ST 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 20 ST inks provide a wide colour gamut increasing the number of colours printable, and simultaneously maximising outdoor lightfastness for prints with a lasting impact.

Main Characteristics

Trichromatic colour range

ST004	Black
ST052	Yellow
ST135	Magenta
ST215	Cyan
QU016	Flushing and cleaning solvent

Available in 1 litre containers

Application Range

Series 20 ST inks are recommended for a wide range of uncoated materials. Main applications include: Display POP, Poster, Banners, Bus / Taxi advertising and Exhibition graphics.

Series 20 ST can be used to decorate a wide range of substrates such as:

Banner Grade PVC
PVC
Self Adhesive Vinyl
Textile Mesh
Paper

Drying

Series 20 ST inks have been formulated to meet the drying specification of Mutoh Albatros 54 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.

The end user must determine suitability of this product for the intended use prior to production.

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 20 ST inks equate to approximately 24 months outdoor exposure in a temperate climate such as the UK.

Chemical and Abrasion Resistance

Series 20 ST inks have good chemical and abrasion resistance.

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.

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.

Safety Handling

Series 20 ST inks

- Are formulated to be free from any carcinogenic, mutagenic or reprotoxic chemicals.
- Are formulated free from lead and other heavy metals and therefore should comply to the EN71-3:1995 toy safety regulations.

Comprehensive information on the safety and handling of Series 20 ST inks and cleaner is given in the appropriate Sericol Safety Data Sheet available on request.

Environmental Information

Series 20 ST Inks

- Do not contain ozone depleting chemicals as described at the Montreal Convention.
- Are formulated free from aromatic hydrocarbons known to have an adverse effect on the environment.

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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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