

# color+ Series 220 BN

Solvent-based inkjet ink

## Color + Series 220 BN Solvent-based inkjet inks.

Color+ Series 220 BN inks have been designed exclusively for the Océ™ Arizona™ 90 and 180 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 220 BN is a range of high density, highly durable solvent-based pigmented inks for Océ™ Arizona™ printers or similar Piezo drop-on-demand printers. Using the best quality pigments and Sericol Imaging's unique Micro V dispersion technology, Series 220 BN 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 220 BN inks have been specifically designed for use with these printers to ensure compatibility and easy change over.

### Trichromatic colour range

BN004	Black
BN052	Yellow
BN135	Magenta
BN185	Light Magenta
BN215	Cyan
BN255	Light Cyan
QU016	Flushing and cleaning solvent

Available in 1 litre containers

### Application Range

Series 220 BN inks are recommended for a wide range of uncoated materials. Main applications include: Display PoP, Poster, Banners, Bus/Taxi advertising and Exhibition Graphics.

Series 220 BN can be used to decorate a wide range of substrates such as:

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

### Drying

Series 220 BN inks have been formulated to meet the drying specification of the Arizona™ 90 and 180 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 220 BN inks equate to approximately 24 months outdoor exposure in a temperate climate such as the UK.

### Chemical and Abrasion Resistance

Series 220 BN inks have good chemical and abrasion resistance.

### 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 220 BN inks have been formulated to be compatible with the ink supply system of the Océ™ Arizona™ 90 and 180 wide format presses and will not cause damage to the print heads providing these inks are used in accordance with Océ'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.**

### Storage

Series 220 BN 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.

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## Safety & Handling

### Series 220 BN 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 220 BN inks and cleaner is given in the appropriate Sericol Safety Data Sheet available on request.

## Environmental Information

### Series 220 BN 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.

*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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