

color+ Series 200 NH

Digital Ink Systems

Color+ Series 200 NH solvent-based inkjet inks

Features

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

Ink Properties

Series 200 NH 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 Fujifilm Sericol's unique Micro V dispersion technology, Series 200 NH inks produce a wide color gamut increasing the number of colors printable while simultaneously maximizing outdoor light-fastness for prints with a lasting impact.

Main Characteristics

NH-003/5L	Light Black
NH-004/5L	Black
NH-052/5L	Process Yellow
NH-063/5L	Light Yellow
NH-126/5L	Magenta
NH-135/5L	Process Magenta
NH-185/5L	Light Magenta
NH-215/5L	Cyan
NH-255/5L	Light Cyan
QU016	Flushing and Cleaning Solvent

Available in 5 liter containers

Application Range

Series 200 NH inks are recommended for a wide range of uncoated materials. Main applications include; Display POP, Poster, Banners, Bus / Taxi advertising and Exhibition Graphics.

Series 200 NH can be used to decorate a wide range of substrates such as:

Banner Grade PVC

PVC

Self Adhesive Vinyl

Mesh

Poster Paper

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

Drying

Series 200 NH inks have been formulated to meet the drying specification of super-wide presses using solvent-based inks.

The actual drying speed will depend on a number of factors. These include, ink thickness, substrate choice and print speed.

Color and outdoor durability

The highest quality pigments have been chosen for their very wide color gamut maximizing the range of colors achievable.

Accelerated weathering tests have been carried out in a Xenon Arc weatherometer set to the SAEJ 1960 standard. Under these conditions for the Sign and Banner market the accelerated weathering of Series 200 NH inks equates to approximately 24 months outdoor exposure in a temperate climate such as North America.

Chemical and Abrasion Resistance

Series 200 NH inks have good chemical and abrasion resistance.

Product Information

SERICOL
More than ink...Solutions.™
FUJIFILM

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 plasticized, which over time migrates to the surface significantly reducing the ink adhesion level. This problem can be overcome by wiping the surface with IPA before printing.

Print Head Warranty

Fujifilm Sericol warrants that Series 200 NH inks have been formulated to be compatible with the ink supply system of the super-wide presses and will not cause damage to the print heads providing these inks are used in accordance with OEM's operating and servicing recommendations and Fujifilm Sericol's ink storage conditions. If Fujifilm Sericol inks are proven to be the cause of a breakdown, then Fujifilm Sericol will reimburse the cost of 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 Fujifilm Sericol's standard terms and conditions of supply.

Storage

In the interest of maximum shelf-life storage temperatures should be between 41° and 86°F. If stored under these conditions the inks are expected to have a shelf-life of 12 months from date of manufacture.

Safety & Handling

Series 200 NH inks

- Are formulated to be free from any carcinogenic mutagenic or reproductive toxic chemicals.
- Are formulated free from lead and other heavy metals and therefore should comply to the American Toy Standard ASTM F963.

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

Environmental Information

Series 200 NH 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 Technical Data 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 Technical Data Sheet out of date and users are requested to ensure that they follow current recommendations.

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