

Nazdar 706 Series inks have been designed as a direct replacement of the Mimaki® LUS120 Series inks series. The hybrid set is used in the roll-to-roll and flatbed series machines. The 706 Series inks are compatible with the OEM product and can be replaced one color at a time as the OEM inks run out. The 706 Series has a comparable substrate range to the OEM inks.

Features

- Long-term exterior performance with proven resistance to the effects of UV degradation and color fade
- Chemically compatible with the OEM inks for true plug-and-play compatibility
- Close color match to the OEM ink set
- Highly flexible
- 1L container threading designed for Mimaki® Cap B
- Compatible chip for LUS120 series

Substrates

Foamboard
Polycarbonate (PC)
Vinyl banner (PVC)
Pressure sensitive vinyl (PVC)
Polystyrene
Dibond
Expanded PVC
Digital Grade Fluted polypropylene
Digital grade acrylic
Window cling
Coated Paper
Backlit Fabrics
Polyester Film

Substrate recommendations are based on commonly available materials intended for the ink's specific market when the inks are processed according to this technical data. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Reference the 'Quality Statement' at the end of this document.

Cure Parameters

Ink series has been formulated to cure with the standard OEM LED lamps found on the Mimaki® UJV55, JFX200 series, UJF series and SIJ-320uv machines.

Ink Handling

All personnel handling this product must wear gloves and eye protection. Clean up all spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry cloth (do not use solvent or flush solution). Wash the affected area with soap and water. Consult the Safety Data Sheet for further instructions and warnings.

Ink Changeover

Thoroughly clean your current ink system and jet assemblies with LWU7002FF UV Flush Solution. Avoid contact with skin. Wear protective safety glasses and appropriate gloves when handling flush solution. Consult MSDS for proper procedures for using Flush solution.

If a bulk tank system, we do not recommend you install new Nazdar ink until the low ink level alarm has been raised. Prior to filling, we recommend you dispose of the OEM inks and clean the tanks with our recommended LWU7002FF UV Maintenance Solution. This will ensure a fresh start, much like installing the 1-liter options

Cleanup

For clean-up of ink spills and equipment use LWU7002F UV Maintenance Solution. Avoid contact with skin. Wear approved safety glasses and appropriate gloves when using Maintenance Solution. Consult the MSDS for further safety precautions.

General Information

Handling

Refer to the SDS for recommendations on handling.

Wear gloves and barrier cream to prevent direct skin contact. Safety glasses are suggested in areas where ink may be splashed. If product does come in contact with skin, wipe ink off with a clean, dry cloth (do not use solvent or reducer). Wash the affected area with soap and water.

Weathering / Outdoor Durability

When ink series is used with the proper color management, color variance will be minimal over a period of 24 months vertical outdoor exposure. Outdoor durability is based on actual outdoor weather testing in the central U.S. on statically mounted substrates. Results for regions with extreme weather conditions or applications other than static signage may vary significantly and should be tested by the end user.

To ensure ink density and hue values do not change during outdoor exposure, it is important to use proven substrates (flexible vinyls and pressure sensitive vinyls) that do not “yellow” or vary from their original white cast when exposed outdoors.

Environmental Operations Parameters

Temperature:

- 65° F – 80° F [18° C – 27° C]

Humidity:

- Optimum: 40% - 60% (non-condensing)
- Operational: 30% - 70% (non-condensing)

Storage / Shelf Life

Store ink and flush solutions at 18°- 27° C (65°- 80°F). Ink and flush solutions should always be kept away from heat, sparks, and flames. If stored at a different temperature, the ink should be allowed to reach room temperature before calibration or printing. The shelf life of this product is 12 months from the date of manufacture when stored under prescribed conditions.

Standard Color Range

Based on information from our raw material suppliers, these ink products are formulated to contain less than 0.06% lead. If exact heavy metal content is required, independent lab analysis is recommended.

Color Match Statement

The Nazdar 706 Series inks have been designed to be as close a color match as possible to the OEM inks (Mimaki® LUS120) while still conforming to the most recent regulatory standards and giving better overall adhesion performance. The ink set is considered “plug-and-play” in a sense that they can be installed directly behind the OEM inks without the need to flush. Please review the following three scenarios to determine which installation method is best for your printer:

- Plug & Play - Inks can be replaced one color at a time as the OEM inks become empty. This method is best for print facilities that print pleasing color and do not have a great deal of repeat jobs. Depending on the sequence in which the colors are replaced, you may see slight shifts in some colors until all the Nazdar inks are installed; at which time the colors will be a very close match to the original inks.
- Plug & Prime - All the colors can be replaced at the same time. If your work has no tolerance for slight shifts as the new ink is installed, it is best to install all of the colors at once and prime the printer with a bit of ink (purge through 250ml). The end result will be a very close match to the OEM ink set.
- Plug & Profile - All the colors are replaced with a re-profiling of the printer. If your facility has multiple devices that are all profiled to match a specific target (a proof for example), it is best to install all the colors, prime the printer, and re-profile to your specific target.

Packaging / Availability

Contact your Nazdar distributor for product availability and offering.

Validated Equipment

Series Inks are designed for use in the following printers platforms: • Mimaki® JFX200-2513 • Mimaki® UJV55-320 • Mimaki® UJF-6042mklI • Mimaki® SIJ-320uv

Manufacturer's Product Offering

The items listed in the below table are available in 1-liter containers configured to fit the Mimaki® Cap B bottle adaptor. Maintenance solution is available in standard 1-liter containers. Contact your Nazdar distributor for product availability and offering

Item Type	Item Number	Item (or Color) Description
Standard Colors	LWU706CY	Cyan

Nazdar 706 Series UV-LED Inkjet Ink



Standard Colors	LWU706MA	Magenta
Standard Colors	LWU706YE	Yellow
Standard Colors	LWU706KK	Black
Standard Colors	LWU706CL	Light Cyan
Standard Colors	LWU706ML	Light Magenta
Standard Colors	LWU706WH	White
Standard Colors	LWU706NCCHP	*Clear (Chip Only)
Flush	LWU7002FF UV	7002 Maintenance Solution

Nazdar Quality Statement

Nazdar® stands behind the quality of this product. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operating conditions and production procedures. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life-cycle from printing, post-print processing, and shipment to end-use. This product has been specially formulated for screen printing, and it has not been tested for application by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar®.

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