

Nazdar 260 Series Inks are general graphic inks designed to be run in DX-4 and DX-5 printhead, LED curing printers at normal conditioned room temperatures. The inks exhibit excellent adhesion and flexibility on a variety of typical Point of Purchase (POP) substrates.

Features

- Formulated for use in flexible applications
- Long-term exterior performance with proven resistance to the effects of UV degradation and color fade
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Excellent resistance to edge chipping on styrene, foamboard and fluted polypropylene materials when used with a knife or router cutter.
- Adhesion on a variety of flexible and rigid substrates

Substrates

Reinforced vinyl banner
Pressure sensitive cast vinyl (PVC)
Styrene (PS)
Coated Paper
Foamboard
Digital Grade Fluted polypropylene
Digital Grade Polycarbonate

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

Inks are formulated to cure when exposed to a LED light source in the 395 nanometer range with output of at least 2 watts/cm².

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

Avoid contact with skin. Wear protective safety glasses and appropriate gloves when handling flush solution. Consult MSDS for proper procedures for using Flush solution. Check and replace dampers and/or filters where necessary.
EcoUV Cartridge Replacement For users of Roland EcoUV inks, the cartridges can be swapped out one at a time as the OEM cartridges become empty. Should there be a desire to replace all the cartridges at the same time, a user can simply replace all the cartridges and perform two to three ink fills. Should there be a desire to replace all the cartridges at the same time and flush the printer; a 220ml flush cartridge will be required for each channel. If the system is flushed we also recommend changing the ink dampers after the installation of the new ink. After performing two to three ink fills with the flush, install the LED260 cartridges and perform two to three ink fills to clear the flush from the lines.
Format UV-LED Equipment For printers that use an ink-tank system, thoroughly clean your current ink system and jet assemblies with LWU7002FF UV Flush Solution according to the instructions from the printer manufacturer before installing Nazdar ink. When UV inkjet equipment is not in use for extended periods of time the ink should be flushed from the printheads to avoid unwanted curing from stray light sources that can cause permanent printhead damage.

Cleanup

For clean-up of ink spills and equipment use LWU7002FF 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

Nazdar 260 Series UV-LED Inkjet Ink



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.

Packaging / Availability

Contact your Nazdar distributor for product availability and offering.

Validated Equipment

Series Inks are designed for use in the following printers platforms: • Roland LEC and LEJ UV Printers using the original EcoUV inks (version 1 & 2).(Note: These inks are not compatible with theEcoUV-S or EcoUV-4 ink sets.) • Small format UV-LED printers using non-heated Epson DX-4 or DX-5 print heads.

Manufacturer's Product Offering

All colors listed in the table below are available in 1 liter and 500ml bottles as well as 220 ml cartridges with the exception of light cyan and light magenta, which are only offered in 1 liter or 500ml bottles. Flush solutions are available in 1 liter containers and 220 ml cartridges.

Item Type	Item Number	Item (or Color) Description
Standard Colors	LED260CY	Cyan
Standard Colors	LED260MA	Magenta
Standard Colors	LED260YE	Yellow
Standard Colors	LED260KK	Black
Standard Colors	LED260CL	Light Cyan
Standard Colors	LED260ML	Light Magenta
Standard Colors	LED260WH	White
Standard Colors	LED260NC	Clear
Flush	LWU7002FF	UV 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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