

Nazdar® 153 Series Digital Imaging Inks are designed specifically for use in Mimaki™ JV-33, JV-3, JV-5 and CJV30 Digital Printers using Mimaki ES3 Ink.

Features

- Long-term exterior performance with proven resistance to the effects of UV degradation and color fade
- High impact, high intensity colors equivalent to the original OEM ink set.
- Consistent color density values
- Enhanced drying characteristics minimize the risk of “blocking”.
- Color matched to Mimaki ES3 ink, avoiding the need to profile in most situations*.

Substrates

Self-Adhesive, flexible and pressure sensitive vinyl

Banner Material

Blue back paper

- Backed mesh

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.

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

When changing from Mimaki ES3 original ink cartridges to Nazdar 153 series cartridges operators should remove the empty OEM ink cartridge and replace with a Nazdar ink cartridge and continue printing. This can be carried out either one color at a time or all colors together. No ink fills are required. For conversions from non OEM inks or bulk feed systems please consult www.nazdar.com.

Cleanup

Use item number LWS153FF Flush Solution for the most effective cleanup of ink spills and cleaning of jet assemblies. Avoid contact with skin. Wear approved safety glasses and appropriate gloves when using Maintenance Solution. Consult 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

Inks are designed for maximum outdoor resistance to color fade and chemical attack caused by the combined effects of UV degradation and environmental pollution. Each color is formulated with durable long-term outdoor pigments. When inks are used with proper color management, color variance of the original print density will be minimal over a period of 24 months for vertical outdoor exposure. To ensure the color properties of inks do not change color 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. All inks are formulated for maximum adhesion to an extensive range of unsupported and pressure sensitive vinyls. Always pretest for acceptable adhesion prior to production.

Environmental Operations Parameters

Temperature:

- 66 ° F – 80 ° F [19 ° C – 27 ° C]

Humidity:

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Nazdar 153 Series Digital Inkjet Ink



- 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. Recommended shelf life of this product is **15 months** from the date of manufacture when stored under preferred 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: • Cartridges compatible with Mimaki JV33, JV3, JV5 and CJV printers using Mimaki ES3 inks.

Manufacturer's Product Offering

All colors listed below are available in 440ml cartridges and 1 liter containers. Flushing solution is available in 220ml cartridges and 1 liter bottles and bags*. Contact your Nazdar distributor for product availability and offering.*Compatible with Nite NAPIS-II systems

Item Type	Item Number	Item (or Color) Description
Standard Colors	LWS153CY	Cyan
Standard Colors	LWS153MA	Magenta
Standard Colors	LWS153YE	Yellow
Standard Colors	LWS153KK	Black
Standard Colors	LWS153LC	Light Cyan
Standard Colors	LWS153LM	Light Magenta
Flush	LWS153FF1L	Flush Solution 1 Liter
Flush	LWS153FFC2	Flush Solution 220ml Cart

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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