

Nazdar® 510 Series Digital Imaging Inks are designed specifically for double sided applications when used on grand format solvent printers utilizing Xaar™ 128 and Spectra 128 & 256 print heads.

Primary Features & Substrates

Features

- Specifically formulated for double sided printing
- Wide gamut space allowing extensive color range.
- Highest quality pigments and resins give vibrancy and color intensity when printed.
- Long term exterior performance with proven resistance to the effects of UV degradation and color fading.
- Enhanced formulation to prolong print head life.

Substrates

- Self-Supporting flexible and pressure sensitive vinyl.
- Banner Material
- Blue back paper
- Backed mesh

Adhesion should always be tested as adhesion does depend upon age and manufacturer of substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.

***If a laminate or top coat is to be used with this product it is the responsibility of the printer operator to ensure compatibility and performance.**

Ink Handling

All personnel mixing and handling these products 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 Nazdar® [510 Series Material Safety Data Sheet](#) for further instructions and warnings.

Ink Changeover

Thoroughly clean your current ink system and jet assemblies with Nazdar® LWSPZS2FF Flushing Solution. Check, clean and replace, where necessary, mesh filters at the base of primary ink

tanks. Shake ink thoroughly in bottle before adding to the ink reservoir.

Recommended change over procedures available on request.

Clean Up

Use item number LWSPZS2SFF 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.

Storage/Shelf Life

Storage and transportation of ink and cleaning solutions should be carried out between 5° - 25°C (41° - 77°F). Ink and cleaning solutions should always be kept away from heat, sparks, and flames. If stored or transported at a different temperature, the ink should be allowed to reach room temperature before calibration or printing. This may have an adverse effect on performance and will affect any warranties given by Nazdar®.

Recommended shelf life of this product is 15 months from the date of manufacture when stored under preferred conditions.

Ink Performance

Outdoor Durability

Nazdar® 510 Series 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 Nazdar® 510 Series 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 Nazdar® LWS510 Series inks 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

Nazdar 510 Series Solvent Inkjet Ink

cast when exposed outdoors. All Nazdar® 510 Series 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 Operating Parameters

Temperature:

- 66 ° F – 80 ° F [19 ° C – 27 ° C]

Humidity:

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

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 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 digital printing, and it has not been tested by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar®.

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

Validated Equipment

Nazdar® 510 Series Inks are designed for double sided printing when used on appropriate printer platforms. These include:

- Gandi Jeti 3312/3324/5024/3300/5000
- HP XLJet
- HPLX1500

Manufacturers Product Offering

All colors listed in the table below are available in 1 and 5 liter containers. All flush solutions are available in 1 and 5 liter containers. Contact your Nazdar distributor for product availability and offering.

Inks

| Item Number | Color |
|-------------|---------------|
| LWS510CY | Cyan |
| LWS510MA | Magenta |
| LWS510YE | Yellow |
| LWS510KK | Black |
| LWS510LC | Light Cyan |
| LWS510LM | Light Magenta |
| LWS510LY | Light Yellow |
| LWS510LK | Light Black |

Flush

| Item Number | Color |
|-------------|----------------------|
| LWSPZS2FF | PZ-S2 Flush Solution |

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