

Nazdar® Lyson® 900 Series Digital Imaging Inks are designed for use in Scitex™ XLJet digital printers. The primary features of these inks are as follows:

- Long term exterior performance with proven resistance to the effects of UV degradation and color fading
- High impact, high intensity colors with expanded color gamut
- Consistent color density values
- Excellent adhesion and flexibility on most self-supporting flexible vinyls and pressure sensitive vinyls
- Fast drying characteristics minimize the risk of “blocking” when used for double sided banner printing.

SUBSTRATES Self supporting flexible and pressure sensitive vinyl

USER INFORMATION

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. See full disclaimer at the end of the document.

INK CHANGEOVER Thoroughly clean your current ink and jet assemblies with DCA04. Check, clean and replace, where necessary, mesh filters at the base of primary ink tanks. Shake ink thoroughly in the bottle before adding to the ink reservoir. **(Do not aggressively shake, as this may cause air entrapment)**

CLEAR / VARNISHES Overprint Clear: Use DCA51 Gloss Overprint Clear or DCA52 Matte Overprint Clear to provide added surface protection and extend the weatherability and outdoor durability to colors. Consult the technical data sheets for further information on these products.

CLEAN UP Cleaning Solution: Use DCA04 for the most effective cleanup of ink spills and cleaning of jet assemblies.

STORAGE Store ink and cleaning solutions at 77°F (25°C) or below. Ink and cleaning 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. Recommended shelf life of this product is 15 months when stored under preferred conditions.

GENERAL INFORMATION

Optimal Environmental Operating Parameters
 Temperature: 66 ° F – 80 ° F [19 ° C – 27 ° C]
 Humidity: Optimum: 40% - 60% (non-condensing)
 Operational : 30% - 70% (non-condensing)

INK HANDLING All personnel mixing and handling these products must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash the affected area with soap and water. Consult the Nazdar® Lyson® 900 Series Material Safety Data Sheet for further instructions and warnings.

WEATHERING / OUTDOOR DURABILITY

Nazdar® Lyson® 900 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® Lyson® 900 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.

PRODUCT OFFERING

PACKAGING

All colors listed below are available in 5 liter containers. Those items marked with * are available in gallon and 5 gallons containers only.

Stock Number	Standard Printing Colors	Stock Number	Standard Printing Colors
LWS900KL	Lt Black	LWS900CY	Cyan
LWS900KK	Black	LWS900ML	Lt Magenta (BS)
LWS900YL	Lt Yellow (GS)	LWS900MA	Magenta (BS)
LWS900YE	Yellow (GS)	DCA51	Gloss Overprint Clear*
LWS900CL	Lt Cyan	DCA52	Matte Overprint Clear*

PACKAGING

Cleaner is available in 5 liter containers.

Stock Number	Clean Up
DCA04	NDI Cleaning Solution

To ensure Nazdar® Lyson® 900 Series Ink density 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. All Nazdar® Lyson® 900 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.

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.

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