

The Lyson® 155 Series Digital Imaging Ink is designed specifically for use in Mimaki™ JV5 Digital Printers. The primary features of these inks are as follows:

- OEM color comparable, avoiding the need to profile in most situations\*
- Excellent print head and nozzle performance
- Enhanced odor
- Long term exterior performance and resistance to the effects of UV degradation
- High intensity, high gloss colors
- Consistent color density values
- Excellent adhesion and flexibility on most digital inkjet media

**SUBSTRATES** Compatible with a wide range of flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

### USER INFORMATION

**INK CHANGEOVER** Inks can be installed directly after OEM inks, but, all colors must be changed during initial install. The user must simply remove the existing OEM cartridges, insert Lyson 155 Series cartridges and initiate the ink fill process. If installing onto non OEM inks, a flushing procedure must be under taken.

A fully illustrated change over procedure is available on request.

**CLEAN UP** Cleaning Solution: Use Lyson® 155FF for the most effective cleanup of ink spills and cleaning of jet assemblies.

**STORAGE & TRANSIT** Storage and transportation of ink and cleaning solutions should be carried out between 5°C and 25°C. 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 affect 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.

### GENERAL INFORMATION

**INK HANDLING** All personnel 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 Lyson® 155 Series Material Safety Data Sheet for further instructions and warnings (available from [www.nazdar.com](http://www.nazdar.com)).

**WEATHERING / OUTDOOR DURABILITY** Lyson® 155 Series Inks are designed for maximum outdoor resistance to colour 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® 155 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.

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



# LYSON 155 Series Piezo Inkjet Ink

## TECHNICAL DATA SHEET

### FIRMWARE COMPATIBILITY

Please be aware that the firmware listed is for guidance only and compatibility may exceed that stated. We cannot however, guarantee compatibility outside of these versions.

Mimaki JV5 solvent models: up to 6.10

### PRODUCT OFFERING

#### PACKAGING

All colors listed below are available in 440ml cartridges and 1 liter containers.

Stock Number	Standard Printing Colors	Stock Number	Standard Printing Colors
LWS155KK	Black	LWS155ML	Light Magenta
LWS155YE	Yellow	LWS155MA	Magenta
LWS155CL	Light Cyan		
LWS155CY	Cyan		

#### PACKAGING

Flushing solution is available in 220ml cartridges, 1 & 5 liter containers.

Stock Number	Flushing Solution
LWS155FF	Lyson® 155 Series Flushing Solution

To ensure Lyson® 155 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 Lyson® 155 Series Inks are formulated for maximum adhesion to an extensive range of pressure sensitive vinyls and banner material. 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.

#### ALL TRADE MARKS RECOGNIZED

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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\* Color match rated at 3 from in house testing. Testing details and Key are contained within the product information guide.