

The Lyson® 133 Series Digital Imaging Inks are designed specifically for use in Mimaki™ JV-33 and CJV30 Digital Printers. The primary features of these inks are as follows:

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

\* Colour match rated at 4 from in house testing. Testing details and Key are contained within the product information guide.

### 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 133 Series cartridges and initiate the ink fill process twice.

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® 133FF 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. Not following this procedure 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® 133 Series Material Safety Data Sheet for further instructions and warnings (available from [www.nazdar.com](http://www.nazdar.com)).

### WEATHERING / OUTDOOR DURABILITY

Lyson® 133 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® 133 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.

**Optimal  
Environmental  
Operating  
Parameters**

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

**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 JV33&CJV30 solvent models: up to 4.10

### 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
LWS133KK	Black	LWS133ML	Light Magenta
LWS133YE	Yellow	LWS133MA	Magenta
LWS133CL	Light Cyan		
LWS133CY	Cyan		

**PACKAGING**

Flushing solution is available in 220ml cartridges and 1 liter containers.

Stock Number	Flushing Solution
LWS133FF	Lyson® 133 Series Flushing Solution

*To ensure Lyson® 133 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® 133 Series Inks are formulated for maximum adhesion to an extensive range of pressure sensitive vinyls and banner materials. 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 RECOGNISED**

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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