



## 213 Series

- **Substantial savings over OEM ink**
- **Low odor formulation**
- **Color Matched to Eco-Extreme i inks (Ai3)\***
- **No profiling necessary\***
- **Reliable unattended printing**
- **Compatible with OEM ink**

Nazdar® Lyson® Series 213 inks are a true alternative to the OEM Eco Extreme i ink set. Lyson cartridges are 100% compatible and install just like OEM cartridges. 213 Series ink is color matched\*, meaning there is no need to profile in most situations. Unattended printing is safe and reliable with the no clog, high performance formula. Lyson display longevity performance matches that of the OEM ink and, as with all Lyson branded solutions, users will realize substantial cost savings over the OEM product.

Users will find the Lyson brand buried in the history of nearly every inkjet printer manufacturer currently offering products to the market. Nazdar continues to enjoy the position as a preferred inks manufacturer to a number of OEM partners. As one of the most experienced ink development companies in the world, Nazdar offers more knowledge and R&D expertise than any other ink company.

Nazdar is known for products that are at the leading edge of color and performance in the ink jet world. While Nazdar continues to develop innovative new products, Nazdar is aware of the market requirement for products that very simply match the characteristics of the OEM offering.

With the industry's strongest third party warranty, users take comfort in knowing that Nazdar stands behind every drop of Lyson digital ink that it supplies, with the best warranty in the business. Nazdar's warranty states that if Lyson inks are ever proven responsible for the breakdown of a digital printer, Nazdar will provide



reimbursement for the cost required to repair any damage to the ink train.

Nazdar proudly offer Lyson branded products as the most reliable and technically advanced in the industry. Keep an eye on Nazdar and the Lyson brand as more new, innovative and essential products are sure to come.

Item#	Description
LWS213CL1C	LYSON 213 LT CYAN 1000ML CART
LWS213CY1C	LYSON 213 CYAN 1000ML CART
LWS213YE1C	LYSON 213 YELLOW 1000ML CART
LWS213KK1C	LYSON 213 BLACK 1000ML CART
LWS213MA1C	LYSON 213 MAGENTA 1000ML CART
LWS213ML1C	LYSON 213 LT MAGENTA 1000ML CART
LWS213CF1C	LYSON 213 CLEANING FLUID 1000ML CART
LWS213CF1L	LYSON 213 CLEANING FLUID 1 LITRE
LWS213MF1C	LYSON 213 MAINTENANCE FLUID 500ML CART





## 213 Series



### Frequently Asked Questions (FAQs):

**Q:** In which digital printer does this ink work?

**A:** Roland AJ1000i and AJ740i

**Q:** Will my print colors change if I use this ink?

**A:** No. Lyson® 213 is designed to be a color match in most situations\*. For clarification please consult the Nazdar 213 Series Color Match Statement.

**Q:** Where is my closest distributor?

**A:** Visit [www.nazdar.com](http://www.nazdar.com) to find your local dealer.

**Q:** How do I swap out the ink in my printer?

**A:** Ink conversion instructions are available at [www.nazdar.com](http://www.nazdar.com) or call 913-422-1888.

**Q:** If this ink damages my printer, will Nazdar fix it?

**A:** Nazdar stands behind every drop of ink. If our ink is confirmed to have damaged your printer, Nazdar will repair your machine to its previous condition. See Nazdar Equipment Warranty for further details.

**Q:** Is this ink compatible with my standard AJ1000?

**A:** Below is information on compatibility taken from a Roland product information release. It is important to remember however that there may be a conversion process between ink sets. This could include flushing of the printer and/or firmware upgrade:

Printer & ink Compatibility	EcoXtreme	EcoXtreme i	EcoXtreme LT
AdvancedJET	Yes	Yes	Yes
AdvancedJET i	No	Yes	Yes
Outdoor Durability	Up to 3 Years	Up to 3 Years	Up to 1 Year

**Q:** Who will service my machine if I don't use the Original Equipment Manufacturers (OEM) ink?

**A:** By law the OEM must service your machine, regardless of the ink in your printer. However, Nazdar has trained/certified technicians that can assist in all your service needs.

**Q:** What is the difference between the EcoXtreme and the EcoXtreme i ink?

**A:** Again taken from a Roland product information release, "The new EcoXtreme i and original EcoXtreme ink were designed to meet the requirements of up to three years outdoor durability. The main differences between the original inks is that the new EcoXtreme i inks has reduced odor and is meant to replace the original EcoXtreme ink. Current AJ owners can continue to use EcoXtreme or convert to EcoXtreme i".

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



The Lyson® 213 Series Digital Imaging Inks are designed specifically for use in Roland™ AJ-1000i™ & AJ-740i™ printers. Conveniently package in 1 liter fully compatible cartridges, they provide a great value, high performance alternative to the OEM Ai3 ink set. The primary features of these inks are as follows:

- OEM color match\*, avoiding the need to profile in most situation.
- Low odor formulation
- 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.
- Excellent adhesion and flexibility on most digital inkjet media.

#### SUBSTRATES

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

#### USER INFORMATION

##### INK CHANGEOVER

Inks can be installed directly after Roland Ai3 OEM inks, but, all colors must be changed during initial install.

If installing onto non OEM inks, Ai1 or LT inks, a flushing procedure must be under taken.

A fully illustrated change over procedure is available on request and must be used for all conversions.

##### CLEAN UP

Cleaning Solution: Use part number LWS213CF 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 41°F (5°C) and 77°F (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 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.

#### GENERAL INFORMATION

##### 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 Lyson 213 Series Material Safety Data Sheet for further instructions and warnings (available on request).

##### WEATHERING / OUTDOOR DURABILITY

Lyson 213 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® 213 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)

### PRODUCT OFFERING

**PACKAGING**

All colors listed below are available in 1 liter cartridges with the exception of the Maintenance Fluid.

Stock Number	Standard Printing Colors	Stock Number	Standard Printing Colors
LWS213KK1C	Black	LWS213ML1C	Light Magenta
LWS213YE1C	Yellow	LWS213MA1C	Magenta
LWS213CL1C	Light Cyan	LWS213MF1C	Maintenance Fluid
LWS213CY1C	Cyan	LWS213CF1C	Cleaning Fluid

**PACKAGING**

Flushing solution is available in 1 liter containers.

Stock Number	Flushing Solution
LWS213CF	Lyson® 213 Cleaning Fluid

*To ensure Lyson® 213 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® 213 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.*

**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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\* Color match rated at 4 from in house testing when compared to Roland Ai3 inks. Testing details and Key are contained within the product information guide.