

Lyson® 7300 Flexible Series Digital Imaging Inks are designed for use in Zund 215C and 250, Agfa Annapurna XL, Rasterprint® RP720UV, DuPont Chromaprint 22UV, Dilli Neo Titan 1606 and Neo Plus 2506 digital printers. Primary uses of this product are for POP displays, durable graphics and billboard banners where flexibility is of primary importance. Typical substrates are vinyl banner, styrene, PVC and fluted polypropylene. The primary features of these inks are as follows:

- Formulated for use in flexible applications
- Long term exterior performance with proven resistance to the effects of UV degradation and color fade.
- High impact, high intensity colors with expanded color gamut
- Consistent color density values
- Adhesion and die cutting on a variety of substrates

### SUBSTRATES

Reinforced vinyl banner, styrene, pressure sensitive vinyl, PVC, polycarbonate, foam board, fluted polypropylene

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

## USER INFORMATION

### INK CHANGEOVER

Thoroughly clean your current ink system and jet assemblies with LWU7001FF UV Flush Solution. Avoid contact with skin. Wear protective safety glasses and appropriate gloves when handling flush solution. Consult MSDS for proper procedures for using Flush solution. Check, clean and replace, where necessary, mesh filters at the base of primary ink tanks. *Complete conversions procedures available upon request.*

When UV digital equipment is not in use for extended periods of time the ink should be flushed from the printheads to avoid unwanted curing from stray light sources that can cause permanent printhead damage.

### CURING PARAMETERS

Lyson® 7300 Series Inks are formulated to cure when exposed to a focused, medium pressure mercury vapor lamp providing 225 – 300 mJ/cm<sup>2</sup> and 600 mW/cm<sup>2</sup>. (EIT Uvicure Plus radiometer, measuring the UVA spectrum)

### CLEAN UP

*Cleaning Solution:* For cleanup of ink spills and equipment use LWU7001FF UV Maintenance Solution. Avoid contact with skin. Wear approved safety glasses and appropriate gloves when using Maintenance Solution. *Consult MSDS for further safety precautions.*

### STORAGE

Store ink and flush solutions at 18° - 27° C (65° - 80° F). Ink and flush 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. The shelf life of this product is 12 months from the date of manufacture when stored under prescribed conditions.

### OPTIMAL ENVIRONMENTAL OPERATING PARAMETERS

Temperature: 66°F - 80°F [19°C - 27°C]

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

### GENERAL INFORMATION

#### 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 Lyson<sup>®</sup> 7300 Series Material Safety Data Sheet for further instructions and warnings.

#### EXTERIOR PERFORMANCE & DURABILITY

When Lyson<sup>®</sup> 7300 Series Inks are used with the proper color management, color variance will be minimal over a period of 24 months vertical outdoor exposure.

### PRODUCT OFFERING

#### PACKAGING

All colors listed below are available in 1 and 5 liter containers.

Stock Number	Colors	Stock Number	Colors
LWU7300CY	Cyan	LWU7300CL	Lt Cyan
LWU7300MA	Magenta	LWU7300ML	Lt Magenta
LWU7300YE	Yellow	LWU7300YL	Lt Yellow
LWU7300KK	Black	LWU7300KL	Lt Black

#### PACKAGING

Flush Solutions are available in 1 and 5 liter containers and Cleaning Solutions in 5 liter containers.

Stock Number	Clean Up
LWU7001FF	UV Maintenance Solution

To ensure Nazdar<sup>®</sup> Lyson<sup>®</sup> 7300 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. Nazdar<sup>®</sup> Lyson<sup>®</sup> 7300 Series Inks are formulated for maximum adhesion to an extensive range of materials. Always pretest for acceptable adhesion prior to production.

Nazdar<sup>®</sup> stands behind the quality of this product. Nazdar<sup>®</sup> cannot, however, guarantee the finished results because Nazdar<sup>®</sup> 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<sup>®</sup>.

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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