

Lyson 760 Multiflex Series Digital Imaging Inks are designed for use in industrial grade digital printers including Inca Eagle, Inca Columbia & Spyder; Teckwin Teckstorm, Gandinnovations 3150 & 1224; HP Tempo I, II & Q models. Primary uses of this product are durable industrial graphics where adhesion, bending, flexibility and chemical resistance are of primary importance. Typical substrates are styrene, PETG, acrylic, ABS, coated polyesters, PVC and polycarbonate. The primary features of these inks are as follows:

- Formulated for superior adhesion, die and routing chip resistance
- Formulated for vacuum and bend forming on suitable substrates up to 350%
- 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 chemical resistance on a variety of substrates

SUBSTRATES

*PVC, polycarbonate, styrene, acrylic, coated polyesters, PETG and ABS
Adhesion should always be tested as adhesion depends upon curing conditions, age and manufacturer of the substrate. Adhesion may be improved when the substrate is cleaned with a suitable solvent such as isopropanol.*

USER INFORMATION

CURING PARAMETERS

Lyson⁷⁶⁰ Multiflex Series Inks are formulated to cure when exposed to a focused, medium pressure mercury vapor lamp providing 225 – 300 mJ/cm² and minimum of 600 mW/cm². (EIT Uvicure Plus radiometer, measuring the UVA spectrum)

CLEAN UP

Cleaning Solution: For clean up 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.

SPECIAL CONSIDERATIONS

Lyson 760 is a softer and more malleable ink designed for maximum flexibility. Therefore, special care should be taken to avoid storing prints in a horizontal stack to avoid blocking and offsetting of ink.

Use of this product on porous materials (pressure sensitive vinyl and scrim banner vinyl) will cause blocking and is not recommended.

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 760 Multiflex Series Material Safety Data Sheet for further instructions and warnings.

EXTERIOR PERFORMANCE & DURABILITY

When Lyson 760 Multiflex 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 1 and 5 liter containers.

Stock Numbers

Colors

LWU760CY

Cyan

LWU760MA

Magenta

LWU760YE

Yellow

LWU760KK

Black

LWU760CL

Light Cyan

LWU760ML

Light Magenta

PACKAGING

Flush Solutions are available in 1 and 5 liter containers and Cleanup Solvents are available in 5 liter containers.

Stock Number

Clean Up

LWU7001FF

UV Maintenance Solution

To ensure Nazdar Lyson760 Multiflex 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 Lyson 760 Multiflex Series Inks are formulated for maximum adhesion to an extensive range of 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 user. 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.

Nazdar Worldwide Headquarters

8501 Hedge Lane Terrace, Shawnee, KS 66227-3290 USA
Toll Free: 866.340.3579 or Tel: 913.422.1888 Fax: 913.422.2296
e-mail: custserv@nazdar.com

Nazdar Limited

Barton Road, Heaton Mersey, Stockport, England SK4 3EG
Tel: + (44) 0.161.442.2111 Fax: + (44) 0.161.442.2001
e-mail: technicalservicesuk@nazdar.com

<http://www.nazdar.com>