

Primary uses of this product are for POP displays - durable graphics where color fidelity and adhesion are of primary importance. Typical substrates for this graphic ink are: acrylics, fluted polypropylene, polystyrene, Dibond®, foam boards, expanded PVC, rigid and flexible vinyl.

Primary Features & Substrates

Features

- Formulated for use in multiple applications with adhesion to a wide variety of flexible and rigid substrates
- Excellent resistance to edge chipping on rigid substrates when used with a knife or router cutter
- Long-term exterior performance with proven resistance to the effects of UV degradation and color fade
- High impact, high intensity colors with extended color gamut
- Consistent color density values
- Heat Bendable

Substrates

- Acrylics
- Polystyrene
- Sintra® and other Expanded PVC products
- Rigid Polyethylene
- Fluted Polypropylene
- Foamboard
- Polycarbonate
- Dibond® (from 3A Composites)

Adhesion should always be tested as adhesion does depend upon curing conditions, manufacturer of substrate and its age.

Ink Handling

All personnel handling this product 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 [Nazdar 735 Safety Data Sheet](#) for further instructions and warnings.

Ink Changeover

An NIT technician will be present for an ink installation.

When UV inkjet equipment is not in use for extended periods, the ink should be flushed from the printheads to avoid unwanted in the head curing from stray light sources.

Clean-Up

For clean-up of ink spills and equipment use LWU7001FF UV Maintenance Solution.

Storage/Shelf Life

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.

Ink Performance

Outdoor Durability

When Nazdar 735 Series Ink is used with the proper color management, color variance will be minimal over a period of 24 months vertical outdoor exposure. Outdoor durability is based on actual outdoor weather testing in the central U.S. on statically mounted substrates. Results for regions with extreme weather conditions or applications other than static signage may vary significantly and should be tested by the end user.

To ensure Nazdar 735 Series Ink density and hue 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.

Environmental Operating Parameters

Temperature:

- 65° F – 80° F [18° C – 27° C]

Nazdar 735 Bridge Series UV Inkjet Ink

Humidity:

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

Nazdar Quality Statement

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 to post-print processing, shipment and end use. This product has been specially formulated for inkjet 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.

Validated Equipment

Nazdar 735 Series Ink has been validated for use in the following printer platforms:

- HP/Scitex FB 7500 and FB7600

Manufacturer's Product Offering

The colors listed in the table below are available in 5-liter containers. Contact your Nazdar distributor for product availability and offering.

Inks

Item Number	Color
LWU735CY	Cyan
LWU735MA	Magenta
LWU735YE	Yellow
LWU735KK	Black
LWU735CL	Light Cyan
LWU735ML	Light Magenta
LWU735WH	White
LWU735KL	Light Black
LWU735OR	Orange

Flush

Item Number	Color
LWU7001FF	UV Maintenance Solution

Ancillary Products

Adhesion Promoters/Primers

Nazdar offers a variety of adhesion promoters that can help with difficult to adhere to substrates. The table below is a guide for selecting the correct product for your application. Please refer to our technical data sheets for the primary substrates for each ink, as in many cases a primer is not needed.

Substrate	Nazdar 7020	Nazdar 7025	Nazdar 7030
Styrene	✓✓✓✓✓	NA	✓✓✓✓✓
Coated Aluminum	N/A	✓✓✓✓	N/A
Fluted Polypropylene	✓✓✓	✓	N/A
Acrylic	✓✓	✓	✓✓✓
Lexan	✓✓✓	✓✓✓✓	✓✓✓✓✓
Glass	✓✓✓	✓✓✓✓	N/A

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UV Inkjet