

## Nazdar Fluorescent inks

Nazdar's 32500 PowerPrint® and 32800 CoroPlus® Series inks are UV curable, one-part fluorescent inks for all your POP printing needs. 32500 and 32800 inks are for indoor or short term outdoor displays and have a two-year shelf life.

## Substrates

### PowerPrint 32500 Series

- Styrene
- Rigid PVC
- Vinyl
- Some acrylics
- Some coated papers / cardstocks

### CoroPlus 32800 Series

- Fluted Polypropylene
- Coroplast

*Substrate recommendations are made in good faith; it is the User's sole responsibility to test all inks to determine suitability for the end-use requirements.*

## Inter-Mixing Inks

32500 PowerPrint inks are intermixable with Nazdar's 1600 PowerPrint Series. When 32500 inks are mixed with 1600 series inks, the shelf life is compromised. Intermixed inks will have a 4 to 6-month shelf life depending on storage conditions. 32500 colors can be mixed with other 32500 colors without compromising the shelf life.

32800 CoroPlus inks are intermixable with Nazdar's 4200 Ink Series. When 32800 inks are mixed with 4200 series inks the shelf life is compromised. Intermixed inks will have a 4 to 6-month shelf life depending on storage conditions. 32800 colors can be mixed with other 32800 colors without compromising the shelf life.

## Inter-Printing

32500 and 32800 inks can be inter-printed with other Nazdar POP ink lines such as 1600, 4200, 1800 and 1900 Series.

## Cure

PowerPrint 32500 and CoroPlus 32800 inks cure when exposed to a single medium pressure mercury vapor lamp emitting output millijoules (mJ) and milliwatts (mW) of:

100-160 mJ/cm<sup>2</sup> @ 600+ mW/cm<sup>2</sup>

These guidelines are intended only as a starting point for determining cure parameters, which must be determined under actual production conditions.

## Mesh

305-355 tpi (120-140 tpcm) with a mesh opening of 50 µ or less monofilament polyester.

## Additives

Reducer: Use RE302 UV Reducer to reduce the viscosity of the PowerPrint 32500 inks. Add up to 10% by weight.

Reducer: Use RE312 UV Reducer to reduce the viscosity of the CoroPlus 32800 inks. Add up to 10% by weight.

Adhesion Promoter: Use NB80 UV Adhesion Promoter for both 32500 and 32800 inks to enhance adhesion to certain substrates. Add up to 5% by weight. Improved adhesion will be demonstrated within 24 hours, with full cross-linking in 4-7 days. Ink mixed with NB80 UV Adhesion Promoter has a 4 to 8-hour pot life.

## Printed Samples

UV Color Card (CARDUV): shows printed samples of the 32500 and 32800 Fluorescent ink colors.

Colors may appear different when printed. This is due to differences in substrate colors and ink deposits.

## Available Colors

Item Number	Color
32510	Fluorescent Chartreuse
32520	Fluorescent Orange / Yellow
32530	Fluorescent Orange
32540	Fluorescent Orange / Red
32550	Fluorescent Red
32560	Fluorescent Cerise
32570	Fluorescent Pink
32580	Fluorescent Blue
32590	Fluorescent Green
32600	Fluorescent Magenta
Item Number	Color
32810	Fluorescent Chartreuse
32820	Fluorescent Orange/Yellow
32830	Fluorescent Orange
32840	Fluorescent Orange/Red
32850	Fluorescent Red
32860	Fluorescent Cerise
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