

The 68500 Series UV LED Flexo Ink is specifically formulated for Tag, Label, Packaging and Shrink applications. This ink series has excellent rheology characteristics making it ideal for most printing equipment and product applications.

The 68500 Series is Dual Cure and has been specifically formulated for use with at least a 16W/cm² UV LED curing lamps (with an output wavelength of 395nm), or conventional Hg UV lamps (400W/in H-Bulb).

APPLICATION AND USE

Plates

68500 Series UV LED Flexo Ink is compatible with most UV Flexo plates currently on the market.

Substrates

Pressure sensitive vinyl, top coated and print treated polyester, BOPP films, polyethylene, polystyrene, coated paper & board, and various shrink films.

Anilox Rolls

Process Printing: 2.0 – 2.5 BCM
Solid & Line Printing: 2.5 – 5.0 BCM

Printing

68500 Series UV LED Flexo Ink can be affected by stray UV light in and around a printing facility. Be aware of skylights, windows and overhead lights curing the ink. Light filters are recommended. Keep ink containers covered when not in use.

Clean Up

Use NWC 20 EZR Cleaner.

Fade Resistance

68500 Series UV LED Flexo Inks are formulated with standard and fade resistant (FR) pigments.

GENERAL INFORMATION

Storage

Store tightly covered at temperature at 65°-90°F (18°-32°C) for optimum print and cure performance. To prevent premature cure or gelling, keep away from heat, flame and direct light sources. Ink taken from the press should not be returned to the original container; store separately to avoid contaminating unused ink.

Ink Handling

68500 Series UV LED Flexo Ink is formulated to be press ready. Thoroughly mix the ink prior to printing. Proper personal protection equipment is required when handling this material. Please consult MSDS for details on proper handling of this material.

Performance Verification

After press/job set up is complete, inspect a portion of the printed web for all applicable and specified properties. These properties include but are not limited to cure, adhesion, mar and rub resistance, product resistance, gloss, and coefficient of friction. These tests should be performed prior to beginning the full production run.

Shelf Life

12 months from date of manufacture (Unopened gallon containers) Please consult Shelf Stability at [Shelf Life Chart](#) for other container sizes, fluorescents & metallics. Protect from freezing.

PRODUCT OFFERING

Process Colors

Standard process colors are formulated to print using an anilox volume of 2.0 -2.5 BCM.

Base Colors

Standard base colors are designed to be high strength and formulated to print using anilox volume of 2.5 – 5.0 BCM. The colors can be mixed to achieve an unlimited number of strong vibrant colors.

Packaging

Product	Americas	EMEA
Opaque White	11 lb, 50 lb	7 kg
Transparent White	8 lb, 40 lb	5 kg, 20 kg
Other Colors	9 lb, 44 lb	5 kg, 20 kg
Overprint Varnish	8 lb, 40 lb	5 kg, 20 kg

Stock No.	Base Printing Colors
68509	68509 Base Black BW8
68510	68510 Base Transparent White
68511	68511 Base Yellow BW4
68512	68512 Base Orange BW5
68513	68513 Base Warm Red BW5
68514	68514 Base Rubine Red BW4
68515	68515 Base Rhod Red BW3
68516	68516 Base Purple BW3
68517	68517 Base Violet BW3
68519	68519 FR Base Proc Blue BW8
68528	68528 FR Base Reflex Blue BW8
68520	68520 FR Base Green BW8

Stock No.	Fade Resistant (FR) Colors
68521	68521 FR Base Yellow BW7
68522	68522 FR Base Orange BW7
68523	68523 FR Base Warm Red BW7
68524	68524 FR Base Rubine Red BW7
68525	68525 FR Base Rhod Red BW8
68526B	68526B FR Base Purple BW8
68527	68527 FR Base Violet BW8

Stock No.	Process Colors
68541	Process Yellow BW4
68542	Process Magenta BW4
68543	FR Process Cyan BW8
68544	FR Process Black BW8

Stock No.	Other Colors
6801	Opaque White
6004827168	LVLO Opaque White
68544	Dense Black

Stock No.	Additives
RE30604	UV Reducer
CARE41	Silicone Leveling Agent
CARE71	Non-Silicone Defoamer
CARE86	UV Photoinitiator For light colors
CARE97	UV LED Photoinitiator For dark colors
Additives are typically not needed, please only use as directed by Nazdar. For more details, please refer to the LED UV Flexo Additive Guide.	

	Cleaner
NWC20	EZR Cleaner

Nazdar® stands behind the quality of this product. Nazdar® cannot, however, guarantee the finished results because Nazdar® exercises no control over individual operating conditions 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. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar®.

Nazdar - World Headquarters
8501 Hedge Lane Terrace, Shawnee, KS 66227-3290 USA
Toll Free US: +1 866.340.3579
Tel: +1 913 422 2255
E-mail: custserv@nazdar.com
Technical Service Email: InkAnswers@Nazdar.com

Nazdar Limited - England
Barton Road, Heaton Mersey, Stockport, England SK4 3EG
Tel: +44 161 442 2111
Technical Service Email: technicalservicesuk@nazdar.com