

68NC Series UV LED (Light Emitting Diode) Flexo Ink is specifically formulated for Tag, Label and Packaging applications. These inks have excellent rheology characteristics making them ideal for most printing equipment and product applications.

These inks were formulated for use with UV LED curing lamps of at least 16W/cm², which have an output wavelength of 395nm.

68NC Series UV LED (Light Emitting Diode) Flexo Ink was formulated using ingredients as specified by the "Nestle Guidance Note on Packaging Ink - Version 02-2014"

MIGRATON COMPLIANCE TESTING

68NC Series UV Flexo Ink is formulated to comply with the **Nestle Guidance Note on Packaging Inks (April 2022)**. Although 68NC Series UV Flexo Inks are formulated with materials suitable for compliant applications, the end user should determine suitability of the final application by appropriate migration testing and or risk assessment. All possible sources of contamination during the printing process should be evaluated for suitability. Nazdar assumes no responsibility for final package compliance.

APPLICATION AND USE

Substrates

Pressure sensitive vinyl, top coated and print treated polyester, BOPP films, polyethylene, polystyrene, coated paper & board, PETG, PVC shrink, direct thermal paper.

Plates

68NC Series UV LED Flexo Ink is compatible with most UV Flexo plates currently on the market.

Printing

68NC 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.

LED Cure Parameters

68NC Series UV LED Flexo Ink cures at web speeds in excess of 700 fpm (210m/min) when exposed to a 16W/cm² UV LED curing lamp, with an output wavelength of 395nm.

Clean Up

Use NWC10 EZ Cleaner.

Storage and Handling

68NC Series UV LED Flexo Ink is formulated to be press ready. Thoroughly mix the ink prior to printing.

Maintain ink 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.

Proper personal protection equipment is required when handling this material. Please consult MSDS for details on proper handling of this material.

Ink taken from the press should not be returned to the original container; store separately to avoid contaminating unused ink.

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: migration, 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.

PRODUCT OFFERING

Process Colors

Standard process colors are formulated to print using an anilox volume of 0.8 -2.0 BCM.

Base Colors

Standard base colors are designed to be high strength, and formulated to print using anilox volume of 2.0 – 4.5 BCM. The colors can be mixed together to achieve an unlimited number of strong vibrant colors.

Packaging

Product	Americas
Opaque White	11 lb, 50 lb
Transparent White	8 lb, 40 lb
Other Colors	9 lb, 45 lb
Overprint Varnish	8 lb, 40 lb

Stock No.	Base Printing Colors
68NC09	Base Black/Negro (BW8)
68NC10	Base Transparent White/Blanco Use to reduce strength and viscosity.
68NC11	Base Yellow/Amarillo (BW5)
68NC12	Base Orange/Naranja(BW6)
68NC13	Base Warm Red/Rojo (BW5)
68NC14	Base Rubine Red/Rojo (BW4)
68NC19	Base Process Blue/Azul (BW8)
68NC20	Base Green/Verde (BW8)
68NC60	Base Transparent White/Blanco Use to reduce strength.

Stock No.	Fade Resistant (FR) Colors
68NC21	FR Yellow/Amarillo (BW7)
68NC22	FR Orange/Naranja (BW7)
68NC23	FR Warm Red/Rojo (BW7)
68NC24	FR Rubine Red/Rojo (BW8)
68NC25	FR Rhodamine Red/Rojo (BW8)
68NC26	FR Purple/Morado (BW8)
68NC27	FR Violet/Violeta (BW8)
68NC28	FR Reflex Blue/Azul (BW8)

Stock No.	Other Colors
68NC01	Opaque White

Stock No.	Process Colors
68NC41	Process Yellow/Amarillo (BW5)
68NC42	Process Magenta/Rojo (BW5)
68NC43	FR Process Cyan /Azul (BW8)
68NC44	FR Process Black/Negro (BW8)
68NC47	FR Process Yellow/Amarillo (BW7)
68NC48	FR Process Magenta/Rojo (BW8)

Stock No.	Cleaner
NWC10	EZ 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®.

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