

The W400 Series Water-Base Film Laminating Ink is specifically formulated to meet the demands of today's Narrow Web Label converters. The W400 Series Water-Base Film Laminating Ink features:

- High Speed Printing
- Excellent Bond Strengths
- Easy to use
- High Color Strength
- Compatible with Water-base and UV Coatings
- Fast Drying

USER INFORMATION

Plates

This ink Series is compatible with most WB Flexo plates on the market.

Substrates

Pressure sensitive vinyl, top coated and print treated polyester, BOPP films, coated paper and board.

Note: As with all film substrates, lots may vary and testing is recommended before use.

Printing

This ink series is formulated to be press ready. Thoroughly mix the ink prior to printing. The pH and viscosity of the ink should be maintained during printing with the use of additives to adjust pH and viscosity, See the additive guide.

Clean Up

Use NWC20 EZR Cleaner.

Fade Resistance

Inks are formulated with standard and fade resistant (FR) pigments. Blue Wool (BW) ratings are noted in the product offering on the following page.

GENERAL INFORMATION

Storage

Store tightly covered at temperatures between 65°-90°F (18°- 32°C). Ink taken from the press should not be returned to the original container; store separately to avoid contaminating unused ink. Protect from freezing.

Ink Handling

Safety glasses and gloves are suggested in areas where product may be splashed. If product contacts skin, wipe ink off with a clean, dry cloth (do not use solvent). Wash the affected area with soap and water. Consult Material Safety Data Sheet for further instructions and warnings. Protect from Freezing

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: bond strength, 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

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

PRODUCT OFFERING

Process Colors

Process colors are formulated to print using an anilox volume of 1.0 -2.0 BCM.

Base Colors

Base colors are designed to print using anilox volume of 3.0 – 5.0 BCM.

Base colors can be mixed together to achieve an unlimited number of strong vibrant colors.

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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Packaging Per Container

Opaque White	11 lb, 50 lb
Transparent White / Extender	8 lb, 40 lb
Other Colors	9 lb, 45 lb

Stock No.	Standard Colors
	Opaque White
	Black
	Combo Black
W400010	Transparent White
	Yellow
	Orange
	Warm Red
	Rubine Red
	Rhodamine Red
	Purple
	Violet
	Reflex Blue
	FR Process Blue
	FR Green

Stock No.	Process Colors
W410041	Process Yellow
W410042	Process Magenta
	FR Process Yellow
	FR Process Magenta
W410053	FR Process Cyan
W410054	FR Process Black
W400090	Process Extender

Stock No.	Additives
CARE79	pH Adjuster
Additives are typically not needed, please only use as directed by Nazdar. For more details please refer to the Flexo Additive Guide.	

Stock No.	Cleaner
NWC20	EZR Cleaner

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