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

- ❖ High Speed Printing
- ❖ Easy to use
- ❖ High Color Strength
- ❖ Compatible with Water-base and UV Adhesives
- ❖ Fast Drying

**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.

**USER INFORMATION****Anilox Rolls**

For standard colors use an anilox with a cell volume of 3.0 bcm - 5.0 bcm.

For process colors use an anilox with a cell volume of 1.0 – 2.0 bcm.

**Viscosity**

On average 14-25 sec., #3 Zahn @ 77°F

**pH Range**

9.0 – 10.0

**Plates**

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

**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 NWC10 EZ Cleaner

**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.

**GENERAL INFORMATION****Ink Handling**

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

**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 and gloss. These tests should be performed prior to beginning the full production run.

**Fade Resistance**

This ink series is designed for interior applications only. The colors designated with (FR) use pigments which have extended fade resistance.

### PRODUCT OFFERING

#### Standard Printing Colors

The W400 Series is available in 3 ranges of standard printing colors when using a 3bcm, 4bcm and 5bcm anilox rollers.

There is also a set of fade resistant (FR) colors.

#### 4 Color Process

The W400 Series 4 color process inks are designed to print with anilox rollers having 1-2 bcm. Also available in fade resistant (FR) colors.

Standard Colors	3bcm/PN	4bcm/PN
Opaque White	W400308	W400408
Black	W400309	W400409
Transparent White	W400010	W400010
Yellow	W400311	W400411
Orange	W400312	W400412
Warm Red	W400313	W400413
Rubine Red	W400314	W400414
Rhodamine Red	W400315	W400415
Purple	W400316	W400416
Violet	W400317	W400417
Reflex Blue	W400318	W400418
FR Process Blue (BW8)	W400319	W400419
FR Green (BW8)	W400320	W400420

Fade Resistant Colors	3bcm/PN	4bcm/PN
FR Yellow (BW6)	W400321	W400421
FR Orange (BW6)	W400322	W400422
FR Warm Red (BW6)	W400323	W400423
FR Rubine Red (BW6)	W400324	W400424
FR Rhodamine Red (BW8)	W400325	W400425
FR Purple (BW8)	W400326	W400426
FR Violet (BW8)	W400327	W400427
FR Reflex Blue (BW8)	W400328	W400428

Process Colors	Part No's
Process Yellow	W400041
Process Magenta	W400042
FR Process Yellow (BW6)	W400051
FR Process Magenta (BW6)	W400052
FR Process Cyan (BW8)	W400053
FR Process Black (BW8)	W400054
Process Extender	W400090

Additives	
Stabilizer	CARE73
PH Adjuster	CARE74
Defoamer	CARE75
Film Print Aid	CARE77

Reducers	
Slow Reducer	RE198

*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. This product has been specially formulated for screen printing, and it has not been tested for application 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.*

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