

[View Translatable Version](#)**Description**

The W500 Series Water-Base Shrink Sleeve Ink is designed to meet the demands of today's Narrow Web Shrink Labels. The W500 Series was made for "Reverse Print" Shrink Sleeves for PVC and PET Films.

The W500 Series Water-Base Shrink Sleeve Ink features

- ❖ High Speed Printing
- ❖ Easy to use
- ❖ High Color Strength
- ❖ Compatible with UV Flexo and Solvent base whites
- ❖ Fast Drying

**Substrates**

PVC and PET

**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

This Ink Series is available in 3bcm and 4bcm. Part numbers for the 3bcm are listed below. Part numbers for the 4 bcm are not shown but are available upon request.

### 4 Color Process

The W500 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
Opaque White	W500308
Black	W500309
Transparent White	W500010
Yellow	W500311
Orange	W500312
Warm Red	W500313
Rubine Red	W500314
Rhodamine Red	W500315
Purple	W500316
Violet	W500317
Reflex Blue	W500318
FR Process Blue (BW8)	W500319
FR Green (BW8)	W500320
Reverse Print Shrink White	60016140w5

Fade Resistant Colors	3bcm/PN
FR Yellow (BW6)	W500321
FR Orange (BW6)	W500322
FR Warm Red (BW6)	W500323
FR Rubine Red (BW6)	W500324
FR Rhodamine Red (BW8)	W500325
FR Purple (BW8)	W500326
FR Violet (BW8)	W500327
FR Reflex Blue (BW8)	W500328

Process Colors	Part No's
Process Yellow	W500041
Process Magenta	W500042
FR Process Yellow (BW6)	W500051
FR Process Magenta (BW6)	W500052
FR Process Cyan (BW8)	W500053
FR Process Black (BW8)	W500054
Process Extender	W500090

Opaque Whites	Part No's
LH Shrink OP White	60018945W5
Shrink H/S Intense OP White	60016140W5

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

Reducers	
Slow Reducer	RE198

Cleaner	
EZ Cleaner	NCW10

*Nazdar<sup>®</sup> stands behind the quality of this product. Nazdar<sup>®</sup> cannot, however, guarantee the finished results because Nazdar<sup>®</sup> 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<sup>®</sup>.*

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