

The W700 Series Water-Base Brewery Ink was developed for labels used on returnable type bottles which under-go a “wash-up” cycle in Sodium Hydroxide solution.

SUBSTRATES

Paper and metalized papers.

USER INFORMATION

Anilox Volumes – Recommended 3.0 bcm - 5.0 bcm

Viscosity – On average 14-25 sec., #3 Zahn @ 77°F

pH Range – 9.0 – 10.0

Printing – The W700 Series inks exhibit outstanding pressroom performance and stability. These inks are high strength at low viscosity.

GENERAL INFORMATION

Ink Handling - Always store ink in a tightly closed container. Ink storage of 6 months should not affect the print quality. Longer periods of storage, simply open the container and add 1-2 ounces of Paper Print Aid and stir or shake well.

Adhesion Testing- Use 610 / 810 Tape

Fade Resistance- The W700 Series Ink offers a line of fade resistant colors. These colors are designated with (FR) in their descriptions.

PRODUCT OFFERING

Standard Printing Base Colors – The W800 Series is available in 3 ranges of standard printing colors when using a 3bcm, 4bcm and 5bcm anilox rolls. Bases are available in standard and fade resistant colors.

4 Color Process- The W700 Series 4 Color Process inks are designed to print with anilox rolls having 1.2-2 bcm. W200 Process inks are also available in fade resistant (FR) colors.

PRODUCT MAINTENANCE

1. **Viscosity too high** – An addition of 2 – 3 ounces at a time of Care73 Stabilizer will reduce the viscosity without reducing color strength too quickly.
2. **Increase Dry Rate** – A mixture of Isopropyl Alcohol/Water (50%/50%) will help increase the dry rate. Care should be used in premixing the Isopropyl Alcohol and water first to avoid shocking the ink.
3. **Decrease Dry Rate** – The addition of RE198 Slow Reducer in increments of 1% up to 5% is used to slow down dry rate.
4. **Color too Strong**-Additions in the amounts of 2%-5% at a time of Transparent White can be used to reduce color strength without reducing viscosity.
5. **Ink foaming**-The addition of Care75 defoamer in small amounts to the ink pan will help reduce foaming. (Add a half a capful to end of the journals or 1 capful per gallon to the pump container). Too much Care75 defoamer can cause pinholes in the print.
6. **Increase pH**-Add 1% of Care74 pH Adjuster to the ink pan or pump container. The pH of the inks should be maintained between 9.0-10.0.
7. Let adds mix for a few minutes to ensure they have been mixed thoroughly into the ink.
8. **Care76 Paper Print Aid**- Formulated for Paper Ink System to raise the pH and slow down drying without lowering the viscosity of the ink. Paper Print Aid will aid in cleaner print, less build up on the plates by increasing the re-wettability of an ink.
9. **Care77 Film Print Aid**-Formulated for Film Ink System to raise the pH and slow down the drying without lowering the viscosity of the ink. Film Print Aid will aid in a cleaner print and less build up on the plates, by increasing the re-wettability of an ink.

ADDITIVE PERCENTAGE

	1 Qt. = 32 oz.	½ Gal. = 64 oz.	1 Gal. = 128 oz.	5 Gal.= 640 oz.
1%	.32 oz.	.64 oz.	1.28 oz.	6.40 oz.
2%	.64 oz.	1.28 oz.	2.56 oz.	12.80 oz.
3%	.96 oz.	1.92 oz.	3.84 oz.	19.20 oz.
4%	1.28 oz.	2.56 oz.	5.12 oz.	25.60 oz.
5%	1.60 oz.	3.20 oz.	6.40 oz.	32.00 oz.

The following products are 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.

Standard Colors	3bcm/PN
Opaque White	W700308
Black	W700309
Transparent White	W700010
FR Process Blue (BW8)	W700319
FR Green (BW8)	W700320
FR Yellow (BW6)	W700321
FR Orange (BW6)	W700322
FR Warm Red (BW6)	W700323
FR Rubine Red (BW6)	W700324
FR Rhodamine Red (BW8)	W700325
FR Purple (BW8)	W700326
FR Violet (BW8)	W700327
FR Reflex Blue (BW8)	W700328
Process Colors	Part No's
FR Process Yellow (BW6)	W700051
FR Process Magenta (BW6)	W700052
FR Process Cyan (BW8)	W700053
FR Process Black (BW8)	W700054
Process Extender	W700090
Additives	
Stabilizer	CARE73
PH Adjuster	CARE74
Defoamer	CARE75
Print Aid Film	CARE77
Reducers	
Slow Reducer	RE198
Cleaner	
EZ Cleaner	NCW10

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 flexo 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.

Nazdar Worldwide Headquarters

8501 Hedge Lane Terrace, Shawnee, KS 66227-3290
Toll Free: 866.340.3579 Phone: 913.422.1888 Fax: 913.422.2296
<http://www.nazdar.com> e-mail: custserv@nazdar.com