

The W100 Series Water Base Flexo Paper Ink is specifically formulated to meet the demands of today's Narrow Webconverters. W100 Series Water Based Paper Ink features:

- Ease of Use
- High Speed Printing
- Good Color Strength
- Excellent Press Stability
- Superior Resolubility

Substrate

Coated and uncoated papers

Properties

Target Viscosity

12 - 24 sec., #3 Zahn @ 77°F

Shelf Life

6 months (Unopened containers)

Please consult Shelf Stability from Date of Manufacture at

<https://www.nazdar.com/Portals/0/Brochures/Nazdar%20Narrow%20Web%20Shelf%20Stability%20Chart.pdf> for other container sizes, fluorescents & metallics.

pH Range

8.0 – 10.0

User Information

Plates / Blankets

This ink Series is compatible with most water based 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.

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.

Storage

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

Product can be damaged if frozen, beware of freezing.

Performance Verificaiton

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, gloss, and coefficient of friction. These

W100 Series Water-based Flexo Ink for Paper



tests should be performed prior to beginning the full production run.

Fade Resistance

This ink series is designed for interior applications only. Fade Resistant colors are not available in this Series. If fade resistance is required please contact your local Nazdar representative for an alternate product recommendation.

Clean Up

Use NWC20 EZR Cleaner

PRODUCT OFFERING

Base Colors

Standard base colors are designed to be high strength and are available in 2 ranges, for 3bcm or 4bcm aniloxes. Base colors can be mixed together to achieve an unlimited number of strong vibrant colors.

Process Color

Standard process colors are formulated to print using anilox volume of 1.8 – 2.50 BCM.

Packaging Per Container

Opaque White: 11 lb, 50 lb

Base Transparent White: 8 lb, 40 lb

Other Colors: 9 lb, 45 lb

Item Type	Item Number	Item (or Color) Description
Standard Printing Colors	W100408	Opaque White
Standard Printing Colors	W100309	Black
Standard Printing Colors	W100010	Transparent White
Standard Printing Colors	W100311	Yellow
Standard Printing Colors	W100312	Orange
Standard Printing Colors	W100313	Warm Red
Standard Printing Colors	W100314	Rubine Red
Standard Printing Colors	W100315	Rhodamine Red
Standard Printing Colors	W100316	Purple
Standard Printing Colors	W100317	Violet
Standard Printing Colors	W100318	Reflex Blue
Standard Printing Colors	W100319	Process Blue
Standard Printing Colors	W100320	Green
Process Colors	W100041	Process Yellow
Process Colors	W100042	Process Magenta
Process Colors	W100043	Process Cyan
Process Colors	W100044	Process Black
Process Colors	W100061	Process Yellow
Process Colors	W100062	Process Magenta
Process Colors	W100063	Process Cyan
Process Colors	W100064	Process Black
Additives	CARE79	pH Adjuster
Additives	RE192	Retarder (Slow Additive)
Process Colors	W330063	Process Cyan
Additives	CARE79	pH Adjuster
Additives	RE192	Retarder (Slow Additive)
Cleaners	NWC20	NWC20 EZR CLEANER

Nazdar Quality Statement

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®.

W100 Series Water-based Flexo Ink for Paper

Nazdar Ink Technologies Offices

Nazdar Ink Technologies - World Headquarters
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290 USA
Toll Free US: 866-340-3579
Tel: +1 913-422-2255
Fax: +1 913-422-2296
Customer Service E-mail: NazdarOrders@nazdar.com
Technical Support E-mail: TechSupport@Nazdar.com

Nazdar Limited – EMEA
Battersea Road, Heaton Mersey
Stockport, England SK4 3EA
Tel: + 44 (0)-161-442-2111
Fax: + 44 (0)-161-442-2001
EMEA Customer Service E-mail: infoUK@nazdar.com
EMEA Technical Service E-mail: technicalservicesUK@nazdar.com

Nazdar – Asia Pacific
11 Changi North Street 1
#03-03/04
Singapore 498823
Tel: +65 6385 4611
E-mail: aspac@nazdar.com