

The W600 Series Water-Based Direct Thermal Flexo Ink is formulated to meet the needs of today's narrow web converter. W600 was developed for Direct Thermal applications with imaging through the ink.

Designed for production, this ink system has several key properties that get you up to color and into production faster, while the excellent press stability reduces ink adjustments during production.

**FEATURES:**

- High Color Strength
- Compatible with Water-based and UV Coatings
- Fast Drying
- Excellent Press Stability

**APPLICATION AND USE****Substrates**

Direct thermal paper and BOPP.

**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.

**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.

**Storage and Handling**

Thoroughly mix the ink prior to printing.

Maintain ink temperature between 65°F - 90°F (18°C - 32°C) for optimum print and performance.

Proper personal protection equipment is required when handling this material. Please consult SDS for details on proper handling of this material.

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.

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

**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 – 4.0 BCM.

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

**Packaging Per Container**

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

Stock No.	Base Printing Colors	BW
W600010	Transparent White / Extender.	8
W600309	Black	7
W600311	Yellow	5
W600312	Orange	6
W600313	Warm Red	5
W600314	Rubine Red	4
W600315	Rhodamine Red	3
W600316	Purple	3
W600317	Violet	4
W600318	Reflex Blue	4
W600319	Process Blue	8
W600320	Green	8

Stock No.	Fade Resistant (FR) Colors	BW
W600321	FR Yellow	7
W600323	FR Warm Red	8
W600324	FR Rubine Red	5
W600325	FR Rhodamine Red	7
W600326	FR Purple	7
W600327	FR Violet	8
W600328	FR Reflex Blue	8

Stock No.	Process Colors	BW
W600061	Process Yellow	5
W600062	Process Magenta	4
W600063	Process Cyan	8
W600064	Process/Dense Black	7

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
NWC10	EZ Cleaner

**Need more information?**

If you have any questions or need additional information, please contact us. TBD

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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