color+ WU Series

Digital Ink Systems

Color+ WU Series for wide format printers using Epson DX4 and DX 5 print heads

The Color+ WU Series inks use a unique, patent-pending chemistry that has been specifically formulated to provide optimal performance on wide format printers using the Epson DX-4 and DX-5 print head (see equipment list below).

The Color + WU ink has excellent drying capabilities when printed onto coated and uncoated media, most commonly used in the sign and graphics display markets while virtually eliminating the odor associated with mild solvent ink.

Features

- Very low odor
- Excellent printhead reliability
- Significantly reduced purging and head maintenance
- Broad color gamut and vibrancy
- Two year outdoor durability
- Optimal print quality with high gloss finish
- Wide adhesion range and can be used on coated and uncoated media

Ink Properties

The Color + WU series is a range of ink that was designed to offer the environmental benefits of eco-solvent inks with the performance benefits of mild and true solvent inks.

Color Range

Ink Code	Description	Pack Size
WU-215	Cyan	1L bottle
WU-052	Yellow	1L bottle
WU-004	Black	1L bottle
WU-135	Magenta	1L bottle
WU-255	Light Cyan	1L bottle
WU-185	Light Magenta	1L bottle
WU-016	Flush	5L container

Recommended Printer Platforms

Any printer that uses the Epson DX-4 and DX-5 print head including:

- Mimaki JV-3(all models), JV-33 and JV-5
- Roland Soljet/VertaCAMM/SC/SP/XC/VP/XJ
- Mutoh Rockhopper II, Falcon II, Spitfire/Toucan LT
- Mutoh Valuejet 1204, 1604, 2606
- Agfa Grand Sherpa

Ink Performance Parameter	Ink Type			
	Eco	**Mild**	**Bio**	**Color+ WU**
Odor	★★★★★	★	★★★	★★★★★
Drying time/substrate	★★	★★★★★	★★	★★★★
Drying time/print head	★★★★★	★★★	★★★	★★★★★
Print head maintenance	★★★★	★★★	★★★	★★★★★
Color gamut/vibrancy	★★★	★★★★	★★★	★★★★★
Gloss	★★★★	★★★★	★★★	★★★★★
Scratch resistance	★★	★★★	★★	★★★
Outdoor durability	★	★★	★★	★★★★
Print quality/sharpness	★★	★★★	★★	★★★★★

Excellent ★★★★★ Good ★★★ Fair ★

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Application Range

Color+ WU inks are ideally suited for a wide range of print applications.

Outdoor applications include:

- Durable signage
- Window graphics
- Posters
- Banners
- Backlit box signs
- Vehicle graphics

Indoor applications include:

- High resolution graphics
- POS/POP promotional advertising
- Floor graphics
- Textiles

Media Recommendation

Color + WU-series ink is compatible with most coated and uncoated media including:

- Self-adhesive vinyl
- Vinyl banner (all weights)
- Polyethylene banner
- Most grades of PVC
- Polystyrene
- Paper (coated and uncoated)

THE END USER MUST DETERMINE SUITABILITY OF THIS PRODUCT FOR THE INTENDED USE PRIOR TO PRODUCTION.

Co-use with other inks

Due to the unique chemistry of the Color + WU-series we do not recommend its use with other ink on a printer.

Outdoor Use

Accelerated weathering tests have been carried out in a Xenon Arc Weatherometer set to SAEJ 1960 standard. Under these conditions the accelerated weathering of Color + WU-series equates to approximately 24 months outdoor exposure in a temperate climate, such as North America.

Storage

Color+ WU inks should not be stored in direct sunlight or near heat sources and should be kept away from peroxides. In the interest of maximum shelf-life storage temperatures should be between 5°C/41°F and 30°C/86°F. When stored within this environment the inks will have a shelf-life of 12 months from date of manufacture.

Safety & Handling

Color + WU-series ink are:

- Has a high flash point and is exempt from the Highly Flammable Liquid Regulations.
- Formulated free from lead and other heavy metals and therefore comply with the American Toy standard ASTM F963 safety regulations.
- Comprehensive information on the safety and handling of Color + ink is provided in the Material Safety Data Sheet (MSDS).

Environmental Information

- Do not contain ozone-depleting chemicals as described in the Montreal Convention.
- Formulated free from aromatic hydrocarbons known to have an adverse effect on the environment.

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Product Information