



# UVALUX<sup>®</sup> 22 Series

The New Web UV  
Benchmark





# UVALUX® 22 Series

## The New Web UV Benchmark

### ***The Most Advanced UV Lithographic Ink Technology Available***

UVALUX® 22 SERIES is an evolution of improvements to Zeller+Gmelin's benchmark web performance products. Utilizing the latest technological advances while addressing the ever challenging/changing web market, the UVALUX 22 SERIES provides extraordinary transfer, reduced water settings and easy clean up, resulting in faster make ready's and less down time. These products also provide exceptional gloss and reduced misting at the industries highest speeds.

### ***Features***

- G7 Process Colors
- Exceptional Operating Window
- Conventional Print Curves
- Smooth Even Water Pickup
- Works with a Variety of Fountain Solutions
- Maximum Transfer Rates
- Low Dot Gain
- Higher Gloss
- Low Misting

### ***Applications***

- Commercial
- Business Forms
- Direct Mail
- Laser Applications
- Label Applications
- Many others....

### ***Substrates***

- Coated Papers
- Uncoated Papers
- Quality Thermal Papers
- Synthetics/Films/Metalized\*

\*Testing Recommended

### ***Ink Film Formation***

UVALUX® 22 SERIES inks provide quick initiation/cure under low intensity UV lamps leaving a durable fused ink film. The ink film is cured instantaneously and is not dependent on absorption, evaporation or oxidization to complete the cure.

- Fused Heat Resistant UV Ink Film
- Maximum Cure Rate

### ***Profitability Enhancements***

The most proven method for reducing ink cost is through minimizing ink consumption and reducing waste. Running thinner ink films, recycling unused colors, enhancing press speeds and using less energy add up to cost savings utilizing Zeller+Gmelin's UVALUX® 22 SERIES inks and Ink Management resources.

Increasing mileage without decreasing print performance or contrast can now be achieved through our use of the most advanced technology available. Holding color balance with thinner ink films, while press conditions change can only be achieved with an exceptional ink system. The UVALUX® 22 SERIES provides these enhancement. While maximizing your operating window and providing end user satisfaction. Even with the best ink system available, ask your local Zeller+Gmelin representative for assistance in optimizing press conditions further minimizing waste and down time.

- Achieves Industries Highest Press Speeds (Better through cure and less misting)
- Wide Processing and Performance Window
- Utilizes Less Fountain Solution Running at lower water settings

## Environmental Benefits

Unlike conventional oil and soy oil based printing inks which contain 5%+ VOC's, Zeller+Gmelin UV inks in conjunction with the use of ultraviolet energy curing are formulated with high free radical conversion rates to provide low to zero VOC's. The technology and performance of the UVALUX® 22 SERIES inks are formulated for high free radical conversion rates, requiring no additional volatile components. We remain committed to providing the most environmentally beneficial products to the market.

- Free Radical Chemistry
- Safer Second Generation UV Components
- Lower Energy Consumption

## Color Availability

UVALUX® 22 SERIES inks utilize clean, strong, transparent pigmentation designed to meet all of your print requirements. This selection allows this series of ink to provide optimum color matches while providing the widest color spectrum available for UV.

- G7 Process Colors
- PANTONE® Blends
- Including Metallic & Fluorescent

## Ink Management Tools

- Litho Ink Estimator
- Litho Troubleshooting Guide
- Color Management-when colors need to be eXact, on-line ink formulation and color quality systems available.



Description	Product #	*Blue Wool
Process Yellow	2201	4
Process Magenta	2202	4
Process Cyan	2203	8
Process Black	2204	8
Opaque White	2205	8
Dense Black	2206	8
Yellow	2210	4
Warm Red	2222	4
Rubine	2230	4
Rhodamine	2240	4
Purple	2250	7
Violet	2255	7
Reflex Blue	2260	7
Process Blue	2270	8
Green	2280	8
Mixing Black	2290	8
Trans. White	2295	N/A
012 Yellow	22012	4
021 Orange	22021	3
032 Red	22032	5
072 Blue	22072	7

\*Blue Wool rating is only for the pigment resistance to light and does not include resistance of the ink film itself, nor pigment or ink film to other exposures including but not limited to weather and chemical attack.

## Laser Printing

Laser printing is a dynamic process involving variables of heat, pressure, friction, film weight, cure, substrate, and print layout. The UVALUX® 22 SERIES ink chemistry accommodates the solution for your laser application requirements by providing print qualities that address the rigors of laser printing.

UVALUX® 22 SERIES inks properly cured at correct film weights in conjunction with other laser variables are heat resistant up to 450F/115PSI and acceptable for use in most laser printing applications.

Please contact a Zeller+Gmelin representative if your application requires Xerox MX Laser Printing.

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**Zeller+Gmelin**  
Printing Inks

