

## UVALUX 20 SERIES

### Maximum Performance UV Lithographic Web Inks

#### **A New Generation in UV Lithography Inks**

UVALUX 20 Series is an evolution of enhancements to Zeller+Gmelin's industry benchmark web performance products. Utilizing the latest technological advances while addressing new regulatory and product change requirements, the 20 Series provides enhanced transfer, decreased water settings and effortless clean up. These products also provide exceptional gloss and reduced misting at the industries highest speeds.

#### **Features**

- + Excellent Flow
- + Wide Operating Window
- + Conventional Print Curves
- + Compatible with a Variety of Fountain Solutions
- + Maximum Ink Transfer Rates in Roller Train
- + Low Dot Gain
- + Superior Gloss
- + Low Misting

#### **Selected Applications**

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

#### **Color Availability**

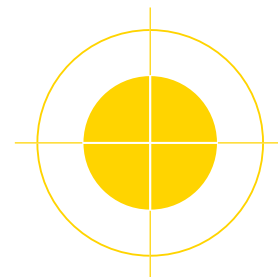
UVALUX 20 Series inks contain clean, strong, transparent pigmentation designed to meet all of your print requirements. These selections allow this series of inks to provide optimum color matches while achieving a wide color spectrum.

- + PANTONE® Blends
- + Includes Metallic & Fluorescent

#### **Ink Film Formation**

UVALUX 20 Series inks provide quick initiation, leaving a durable fused ink film with advanced chemical resistance. The high end initiator package providing excellent cure is not dependent on further absorption, evaporation or oxidization to complete the curing process.

- + Fused Heat Resistant UV Ink Film
- + Maximum Cure Rate



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### Profitability Enhancements

The most proven methods for reducing ink cost are through minimizing ink consumption and reducing waste. Running thinner films, enhancing press speeds and using less energy all add up to cost savings by utilizing the 20 Series.

Increasing mileage without decreasing performance is achieved by using the most current technologies. Include exceptional runability traits at thinner ink films on your roller train, while maintaining a job in balance as press conditions change, requires an extraordinary ink system. The UVALUX 20 Series exceeds those requirements. In addition the 20 Series maximizes the transfer and operational window by increasing the ink/water balance.

- + Unsurpassed Press Speeds
- + Wide Window of Operation
- + Utilizes Less Water

### Substrates

- + Coated Paper
- + Uncoated Paper
- + Synthetics

### Environmental Benefits

The UVALUX 20 Series surpasses the printability of conventional inks while offering the benefits of less than one percent VOC emissions. Our primary focus is to develop state of the art "green" UV ink products for sustainability that are environmentally and consumer friendly. 20 Series inks are formulated for high free radical conversion rates, requiring no additional volatile components. Also the 20 Series incorporates a renewable soy component adding to the sustainability of this product. We remain committed to providing the most environmentally beneficial products to the market.

- + Free Radical Chemistry
- + Cleaner Second Generation UV Components
- + Efficient Energy Consumption

### Laser Printing

Laser printing is a dynamic process involving variables of heat, pressure, friction, film weight, cure, substrate and print layout. The 20 Series ink chemistry is the solution for laser application by providing print qualities that address the rigors of laser printing.

UVALUX 20 Series inks properly cured at correct film weights in conjunction with other laser variables are heat resistant up to 450F/115PSI and acceptable for usage in most laser printing applications.

UVALUX 20 Series inks have been tested, approved and recommended for use on Océ high speed laser printing equipment.

**EXPERTLY DONE.**