



UVALUX[®] 22 Series

The New Web UV
Benchmark



Zeller+Gmelin
Printing Inks



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.

Locations

UNITED STATES

Corporate Headquarters USA

Zeller+Gmelin Corporation
4801 Audubon Drive
Richmond, Virginia 23231
Toll Free +1 800-848-8465
Tel. +1 804-275-8486
Fax: +1 804-275-8638
Internet: www.zeller-gmelin.com
E-mail: ink@zeller-gmelin.com

Customer Service

Tel. +1 888-741-4435
Fax: +1 888-593-5537

Zeller+Gmelin Corporation

3820 Ohio Avenue, Unit 17-18
St. Charles, Illinois 60174
Tel. +1 630-443-8800
Fax: +1 630-443-8819

Zeller+Gmelin Corporation

4714 Thatcher Avenue North
Tampa, Florida 33614
Tel. +1 813-514-1761
Fax: +1 813-514-1762

Zeller+Gmelin Corporation

151 Regal Row, Suite 131
Dallas, Texas 75247
Tel. +1 214-638-8880
Fax: +1 214-631-5252

Zeller+Gmelin Corporation

10873 Portal Drive
Los Alamitos, California 90720
Tel. +1 714-995-8080
Fax: +1 714-995-8177

Zeller+Gmelin Corporation

3951 Performance Drive, Unit F
Sacramento, California 95838
Tel. +1 916-648-9030
Fax: +1 916-648-9033

Zeller+Gmelin Corporation

5155 East River Road, Suite 414
Fridley, Minnesota 55421
Tel. +1 763-571-1005
Fax: +1 763-571-1025

Zeller+Gmelin Corporation

8277 Melrose Drive
Lenexa, Kansas 66214
Tel. +1 913-310-0500
Fax: +1 913-310-0505

Zeller+Gmelin Corporation

312 School Street
Acton, Massachusetts 01720
Tel: +1 978-929-9999
Fax: +1 978-929-9998

MEXICO

Zeller+Gmelin de Mexico S. de R.L. de C.V.
Av. de Las Misiones No. 1, Bodega 27
Parque Industrial Bernardo Quintana
El Marqués, Qro. C.P. 76246 México
Tel. +52 442-221-6423
Fax: +52 442-221-6416
Internet: www.zeller-gmelin.mx
Email: mxoffice@zeller-gmelin.mx

CANADA

Zeller+Gmelin ULC
7615 Kimbel St, Unit 7
Mississauga L5S 1A8
Tel. +1 905-677-8222
Fax: +1 905-677-0232
Email: uvinks@zeller-gmelin.ca

GERMANY

Zeller+Gmelin GmbH & Co. KG
Schloßstraße 20
D-73054 Eislingen
Germany
Tel. +49 (0) 7161 802-0
Fax: +49 (0) 7161 802-290
Internet: www.zeller-gmelin.de
E-mail: info@zeller-gmelin.de

GREAT BRITAIN

Zeller+Gmelin UK Limited
Queensbridge Industrial Park
795 London Road
West Thurrock,
Essex RM 20 3LH - UK
Great Britain
Tel. +44 1708-899-091
Fax: +44 1708-899-092
Internet: <http://zeller-gmelin.co.uk/>
E-mail: tech@zeller-gmelin.co.uk

NETHERLANDS

Zeller+Gmelin B.V.
Beneluxstraat 10
5711 DA Someren
The Netherlands
Tel. +31 493 496 575
Fax: +31 493 491 875
E-mail: zeller.gmelin@wxs.nl

DENMARK

Zeller+Gmelin A/S
Danmarksvej 30S
8660 Skanderborg
Denmark
Tel. +45 86 511-355
Fax: +45 86 511-375
Email: www.zg.dk

FRANCE

Zeller+Gmelin Sarl
19, Rue Roger Salengro
69740 Genas
France
Tel. +33 472-796-252
Fax: +33 478-902-515
Internet: www.zeller-gmelin.de
E-mail: info@zeller-gmelin.fr

CHINA

Zeller+Gmelin (Suzhou) Co. Ltd.
289# Youdong Road
Wujiang Foho New & Hi-Tec Industrial
Development Zone
Jiangsu Province, 215211
Internet: www.zeller-gmelin.com.cn

TURKEY

Zeller+Gmelin Ltd. Sti.
Sanayi Mah. Avclar Cad No: 9
Güngören / İstanbul/Türkei
Tel. +90 212 642 97 97
Fax: +90 212 642 97 98
E-mail: info@zeller-gmelin.com.tr

CZECH REPUBLIC

Zeller+Gmelin s.r.o.
Znojemska 4959/119
58601 Jihlava
CZ
Tel. +420 567-307-250
Fax: +420 567-330-194
Email: zeller-gmelin@volny.cz

POLAND

Zeller+Gmelin Sp. z o.o.
ul. Wiejska 59, Długoleka
55-095 Mirków
Tel. +48 71 337 28 20
Fax: +48 71 337 28 25
E-mail: biuro@zeller-gmelin.pl
Internet: www.zeller-gmelin.pl



Zeller+Gmelin
Printing Inks

