

# UVALUX® P5 92 Series

## Next Generation Sheetfed UV Inks for Paper & Paperboard

In today's dynamic UV printing market, overall performance expectations increase year by year and will continue to do so for the foreseeable future. In response to these demands, Zeller+Gmelin is pleased to introduce a new generation of sheetfed inks specifically designed for optimum performance on paper and paperboard. Although recently there has been increased interest in inks for plastic substrates, nevertheless the vast majority of sheetfed UV ink used is for paper and paperboard applications. Zeller+Gmelin has studied the market requirements closely and as a result, has developed a new product line that responds to those increased performance demands. Uvalux P5 is an ultra-high performance sheetfed UV ink series offering significant performance gains over prior ink sets with no formula compromises made in order to make it compatible with plastic substrates. P5 simply represents the best UV printing ink product available for its intended use.

### Applications

Uvalux P5 inks are suitable for all applications on both coated/uncoated paper and paperboard. They may be coated with both aqueous or UV coating inline if necessary. In particular they are ideal for the most exacting end use applications such as premium cartons and high end promotional pieces. These inks perform very well on an unrestricted range of printing presses in sizes up to 81 inches and with no limitations on press speed. They may also be used with a wide variety of fountain solutions and alcohol/ alcohol substitutes from all major manufacturers and offer wide latitude in water settings.

### Why the designation "P5"?

This represents the 5 key criteria on which the printer and end user may judge the inks overall performance envelope. Uvalux P5 responds to these performance demands as follows:

- + **Press Performance** - The fastest make ready and color recovery of any ink system available – handles like conventional inks with significantly reduced waste. Operator friendly use was a key design objective.
- + **Print Performance** - The cleanest print, the fastest curing and highest press speeds possible-increases in productivity as much as 30% have been reported. High stability over extended runs provides the ability to use the complete performance envelope of the press.
- + **Power Performance** - Provides the option of using less power at the same rate of productivity or the same power level but with higher productivity. Press production requires little or no operator intervention. Simply "set and forget".
- + **Price Performance** - Parity when compared with all significant competitors. The key practical advantage over competitive products has been the positive gain in yield per dollar spent vs. any other ink series available.
- + **Productivity Performance** - Uvalux P5 inks have proven to yield more saleable sheets per pound of ink at lower overall cost due to reduced waste, faster make-ready and less press hours per job.

Disclaimer: Effective 12/31/2022 or before, all products within the 92 series are free of any components covered by PFAS regulations.

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### Environmental Benefits

The P5 92 Series is formulated for high free radical conversion rates and contains no additional volatile components, i.e. hydrocarbon solvents, reducing energy and emissions consumption. Along with UV inks' decreased regulatory impact vs. conventional systems, this technology complements the environment with a safer product.

- + Free Radical Chemistry
- + < 1% VOC's
- + Safer Second Generation UV Components
- + Lower Energy Consumption
- + Lower Emissions vs. Conventional Ink System

### Color Availability

Uvalux P5 inks have been formulated as part of our ChromaSync 20:20 Color Management System. As such; along with four color process inks that are G7 compliant, we offer a complete range of blending bases that may be used either as free standing items or as an integral part of our computerized color matching and QC system. For further information on this exciting color technology, please contact your Zeller+Gmelin representative for further information.

- + 4 Color Process Inks
- + Full Pantone® Product Line
- + ChromaSync 20:20 Compatible
- + Optional High Permanency Colors
- + Overprint Varnishes and Coatings

Description	Product #	Blue Wool	Description	Product #	Blue Wool
<b>Process Yellow</b>	9201	4	<b>Rhodamine</b>	9240	4
<b>Process Magenta</b>	9202	4	<b>Rhodamine F/R</b>	9241	7
<b>Process Cyan</b>	9203	8	<b>Purple</b>	9250	4
<b>Process Black</b>	9204	8	<b>Purple F/R</b>	9251	7
<b>Opaque White</b>	9205	8	<b>Violet</b>	9255	7
<b>Dense Black</b>	9206	8	<b>Reflex Blue</b>	9260	7
<b>Yellow</b>	9210	4	<b>Process Blue</b>	9270	8
<b>Yellow F/R</b>	9211	5	<b>Green</b>	9280	8
<b>Process Yellow F/R</b>	9212	7	<b>Mixing Black</b>	9290	8
<b>Warm Red</b>	9220	4	<b>Trans. White</b>	9295	8
<b>Warm Red F/R</b>	9221	5	<b>012 Yellow</b>	92012	4
<b>Warm Red BF</b>	9222	5	<b>021 Orange</b>	92021	4
<b>Rubine</b>	9230	4	<b>021 Orange F/R</b>	92022	7
<b>Rubine F/R</b>	9231	5	<b>032 Red</b>	92032	4
<b>Process Magenta F/R</b>	9232	7	<b>072 Blue</b>	92072	7

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**EXPERTLY DONE.**