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**rotoINK UV**

UV inks for flexo printing

**ROTOMETAL**  
we are for print



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rotoINK UV is a family of products dedicated for flexo printing. They are innovative printing inks from Rotometal known for their rapid curing through UV light exposure. They offer exceptional adhesion to various substrates, delivering vivid colors and sharp details.

With quick drying times, rotoINK UV enhances printing efficiency, making them an ideal choice for high-quality and productive printing processes. Their durability and versatile application make them a preferred option across industries seeking impactful and lasting print results.

## Technical details:

- Designed for high-intensity colour and superior press performance.
- Dedicated to plastic film and paper printing (recommended for various paper and synthetic label substrates)
- Offers both 4-color process and Pantone® standard shades
- Available in standard and high-resistance versions, catering to diverse needs

## General purpose:

- Self adhesive applications
- Wrap around labels
- Tickets, tags, passes, vouchers and boards

## Characteristics:

- Prepared for immediate press use
- Rapid curing capability
- Demonstrates elevated color saturation and exceptional gloss
- Supports seamless overprinting
- Formulated without benzophenone, 4-MBP, and ITX

## Material recommendations:

Rotometal's rotoINK UV range is compatible with all current narrow web flexo presses. Our inks have been designed to work seamlessly with both, conventional open Flexo units, and chambered doctor blade systems. They has a special formula that adjusts to different speeds and pressures, and prevents bubbles and foam from forming.

**With rotoINK UV, you can print faster, smoother, and sharper.**



## Printing conditions:

Thoroughly evaluated through rigorous testing, the rotoINK UV has substantiated its compatibility with an array of self-adhesive materials, encompassing:

Type of ink	Anilox volume cm <sup>3</sup> / m <sup>2</sup>
Process colours	2.5 - 4
Solid colours	5 - 10
Printing speed*	70-160 m/min

\* The printing speed is contingent upon factors such as the quantity and characteristics of lamps, as well as the type of etc. Based on tests held internally. Many variables have the potential to impact the ultimate printed outcome. Therefore, we strongly advise verifying the ink's precise performance before commencing full-fledged commercial production runs.

## Material recommendations:

























Thoroughly evaluated through rigorous testing, the rotoINK UV has substantiated its compatibility with an array of self-adhesive materials, encompassing:

- Cast coated papers
- Machine coated papers
- Uncoated paper
- Top Coated thermal paper
- Polyethylene (PE)
- Top Coated PE
- Polypropylene (PP)
- Top Coated PP
- Biaxially Oriented Polypropylene (BOPP)

For optimal performance in adhering to most synthetic materials, the attainment of a surface energy ranging from 38 to 42 dyne/cm is pivotal. The integration of corona treatment in-line is strongly recommended to achieve the most favorable outcomes.

Given the inherent disparities among material variants from distinct suppliers, it is advised to align with any specific recommendations furnished by your supplier. Furthermore, we advocate for the diligent practice of conducting preliminary tests on new materials before embarking on new design endeavors.

## Available colours:

 Transparent White	 Dense Black	 Yellow 012	 Rhodamine Red
 Process Yellow	 Black	 Orange 021	 Purple
 Process Cyan	 Extra White	 Warm Red	 Reflex Blue
 Process Black	 Flxure Silver	 Red 032	 Blue 072
 UV-VISI Blue	 Gold 871	 Rubine Red	 Process Blue
 Magenta	 Yellow	 Green	 Violet





Rotometal DBN Sp. z o.o.  
Jana III Sobieskiego 14  
66-200 Świebodzin, Poland

Tel +48 68 459 46 05  
Mobile +48 728 471 035  
Fax +48 68 459 46 06  
biuro@rotometal.pl

[www.rotometal.pl](http://www.rotometal.pl)



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