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# Ultraking<sup>®</sup> 7730

The series for paper and board in sheetfed offset and high-speed web offset

## UV process inks for sheetfed offset and web offset

### Product Features

- Ultraking<sup>®</sup> 7730 is a very fast curing process ink series for sheetfed offset and high-speed web offset.
- It is ideally suited for coated and uncoated papers and board as well as PE laminated board.
- The benefits of the Ultraking<sup>®</sup> 7730 are very fast curing speed and due to the low water pick up, excellent press stability. Very good suitability for reduced and zero alcohol printing.
- ITX and Benzophenone are not used as intentional formulation component of this series.

### Advantages of Ultraking<sup>®</sup> 7730

- Very fast curing speed.
- Excellent press stability.
- Low water pick up.
- Excellent ink-water stability.
- Low misting.
- Low tack – more suitable for a wider range of substrates.
- Low odour.
- Excellent flow in the ink duct.
- Low dot gain.
- 100 % solid – no VOC emissions.

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# Ultraking® 7730

		Fastness properties				
		Light fastness	Alcohol	Solvent mixture	Alkali	Soap
Article code						
<b>Ultraking® 7730</b>						
Ultraking® 7730 Process Yellow	VW17-150I	5	+	+	+	+
Ultraking® 7730 Process Magenta	VW17-350I	5	+	+	-	-
Ultraking® 7730 Process Cyan	VW17-550I	8	+	+	+	+
Ultraking® 7730 Process Black	VW37-950I	8	-	-	+	-
<b>Ultraking® Paper &amp; Board Dense Blacks</b>						
Ultraking® Paper & Board Dense Black HF	VW37-971I	8	-	-	+	-
Ultraking® Paper & Board RST Dense Black	VW37-972I	8	+	+	+	+

Light fastness properties according to ISO 12040:  
from 1 (low) to 8 (high)

Fastness properties according to ISO 2836:  
+ = Resistance provided  
- = Resistance not provided

## Substrates

Ideally suited for coated and uncoated papers and board as well as PE laminated board. In view of the wide substrates offered by various manufacturers we recommend carrying out your own tests before starting a print run.

## Additives

Ultraking® Gel Reducer (VW80-00GI), Ultraking® Liquid Reducer (VW80-043I), Ultraking® Photoinitiator Paste XLM (VW80-00PI)

## Fountain solutions

We recommend Varn® Supreme.

## Shelf life and storage

The recommended storage temperature is 5 - 35° C. Direct sunlight should be avoided to prevent polymerisation. Meeting the recommended storage conditions, Ultraking® 7730 and Ultraking® Paper & Board will remain stable for a minimum of 18 months from the date of manufacture.

## Exceptions

Not for use for food packages without functional barrier.

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