

*Rely on us.*SM



UltraCURA® Sens

Next generation UV low migration series for food packaging printing.
Sheetfed and web offset applications for paper and board absorbent substrates

Energy curing low migration process ink for sheetfed offset and web offset

Product Features

- UltraCURA® Sens is a next generation low-odour, low-migration process ink series for sheetfed and web offset packaging printing.
- It has been developed specially for food packaging applications where there is no direct contact between the printed image and the contents of the package.
- UltraCURA® Sens is ideally suited for coated and uncoated papers and board.
- UltraCURA® Sens is formulated to give the highest possible production performance whilst ensuring compliance with industry safety regulations.
- UltraCURA® Sens is particularly suited for the production of packaging that complies with the requirements of the EU-regulation 1935/2004 and 2023/2006 as well as with the Swiss Ordinance 817.023.21. Additionally the series meets the requirements of the EuPIA Guideline „Printing Inks applied to the non-food contact surface of food packaging materials and articles“.

Features of UltraCURA® Sens

- Low-odour and low-migration
- Independently analysed and approved
- Excellent press stability and ink water balance
- High colour strength and transfer properties
- Excellent cure properties, at high production speeds
- Low misting
- Low dot gain
- Good duct flow properties
- 100 % solid – no VOC emissions
- Complies with ISO 2846-1

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UltraCURA® Sens

		Fastness properties				
		Light fastness	Alcohol	Solvent mixture	Alkali	Soap
Article code						
UltraCURA® Sens						
UltraCURA® Sens Process Yellow	VW17-108S	5	+	+	+	+
UltraCURA® Sens Process Magenta	VW17-308S	5	+	+	-	-
UltraCURA® Sens Process Cyan	VW17-508S	8	+	+	+	+
UltraCURA® Sens Process Black	VW37-908S	8	+	+	+	+
UltraCURA® Sens FAST						
UltraCURA® Sens Plas FAST Process Yellow	VW90-1L7S	7	+	+	+	+
UltraCURA® Sens Plas FAST Process Magenta	VW90-3L7S	7	+	+	+	+
<p>Light fastness properties according to ISO 12040: from 1 (low) to 8 (high)</p> <p>Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided</p>						

Substrates

Ideally suited for paper substrates like coated and uncoated papers and board.
In view of the wide substrates offered by various manufacturers and in order to check the suitability for the printing of food packaging we recommend carrying out your own tests before starting a print run.

Remarks

The series is supplemented by 2 inks with particularly high light fastness properties.
UltraCURA® Plas FAST – when specific resistances requirements are given.

Additives

Ultraking® PREMIUM Liquid Reducer (VW80-050S-XSBH). In order to preserve low-odour and low-migration properties of this series it is very important to use only this listed additive.

Varnish

To preserve low-odour and low-migration properties, please consult with Flint Group specific application and technical recommendation advice.

Fountain solutions

Consult with your Flint Group representative for specific recommendations.

You are welcome to contact us for further information.

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UltraCURA® Sens

Shelf life and storage

Recommended storage temperature is 5 - 35° C.
Direct sunlight should be avoided to prevent polymerisation. Meeting the recommended storage conditions, UltraCURA® Sens remain stable for a minimum of 18 months from the date of manufacture.

Special notes

UltraCURA® Sens has extremely low-odour and low-migration characteristics.
A migration test according to DIN EN 14338 was made and has shown that under the conditions of the test no migration was observed.

A food packaging suitability certificate is available upon request.

In case the printing press was previously running with conventional inks, it should be thoroughly cleaned and all ink residues have to be removed before printing with low-migration ink.

We recommend an accurate control of the polymerisation process under the UV lamps.

More products. Streamlined access. Greater results.

Flint Group offers a uniquely powerful combination of products, services and expertise; giving you access to the industry's broadest range of pressroom products.

Inks & Coatings. Pressroom Chemicals. Blankets. Sleeves. Consumables.

Rely on us for consistency, reliability and customer focus. Our aim is to make it easier for you to achieve your business goals. With Flint Group products in your pressroom, you can run your business with confidence and peace of mind.

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