

NARROW WEB

News for label printers · BU Narrow Web · EMEA Edition



Labelexpo 2017 – a Great Success



The visitors were particularly interested in the migration-optimized LED-UV series by Siegwerek and the newly developed inks and varnishes of the **SICURA Nutriflex LEDTec product range**. The latest ink series by Siegwerek for UV flexographic printing – **SICURA Nutriflex PRO** – also received a lot of attention. It offers highly pigmented inks which are suitable for all food packaging applications. The SICURA Nutriplast 2 series for plastics remains a top seller. There was of course also great interest in the special UV varnishes **«Plastic Tubes & Laminates»** launched this year by Siegwerek.

According to Product Manager Rolf Montag, Labelexpo was again a complete success. «Siegwerk's booth party held for customers on the second evening of the expo was highly appreciated, too,» he said. «We discussed matters with our guests and spent an enjoyable evening with drinks and snacks.»

Welcome to the BU Narrow Web

On 1 September Guido Lander took over as the Head of the Narrow Web Business Unit from Michael Müller-Samson.



Guido Lander

Guido Lander would like to speed up the successful growth of low migration inks in UV technology in the next few years.

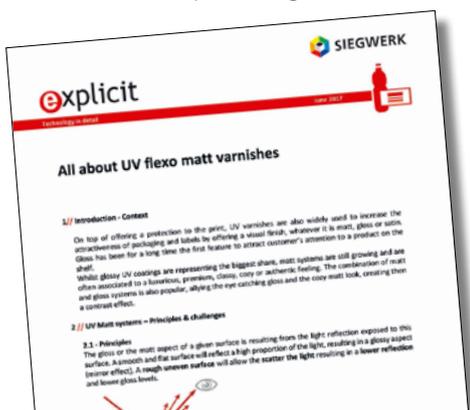
Thanks to their technical properties, their consistency and user-friendliness, these inks meet printing demands excellently and are in the lead position when it comes to HSE requirements. Guido Lander stated: «I am pleased to be taking over this Business Unit with its motivated team and demanding customers.»

We wish Guido Lander every success in his new role.

explicit Technology in detail

UV matt varnishes – their application and useful tips

Due to the huge interest in matt varnishes, the Narrow Web team has published a new guideline «explicit» on this subject. It explains the principles of matt varnishing, the challenges in application and recommends suitable solutions. The «explicit» on UV matt varnishes is available from explicit@siegwerk.com.



VskE Adhesive Labels for Food Packaging

The German association of self-adhesive label manufacturers VskE has issued a detailed publication on the topic of 'compliance of adhesive labels for food packaging'.

The link <https://siegwerk.vske-information.de/> will take you to the full text (24 pages) for the legal foundations, migration with food packaging, declaration of conformity etc. A very practical guideline, highly recommended for printers of labels and sleeves for food applications. It is a very useful decision-making aid for migration-relevant applications.



Siegwerk has become licensee of Pantone LIVE



Pantone LIVE is a cloud-based ink catalog by X-Rite, the owner of Pantone.

The digital ink catalog contains Pantone Master Standards, «Dependent Standards» and Brand Inks. With a few clicks, printers can use pure spectral values for spot inks, in order to achieve precisely the color

specified by using the Siegwerk color assortments for IFS, regardless of the printing method, the substrate used and the type of ink.

The availability of «Dependent Standards» is new; this **allows a printer to use data which in respect of the printing method, substrate and ink system correspond precisely to his current requirements.** The printer can compare

the LAB values of his printout with the «Dependent Standards» in order to ensure that the printed spot color matches the target color exactly.

In contrast to the traditional Pantone catalog in paper form, which is based on a single printing method and on only two substrates, Pantone LIVE contains 22 libraries (with 28 common print substrates), arranged by substrate family and printing method. The color matching is easier to achieve because the target color corresponds to the actual application. www.pantone.com/live

Pantone LIVE Libraries for Labels (examples)

Print Process & Ink	PLV Code	Substrate Description
FLEXO UV INK	FUCV	Printed on coated paper with gloss coating
FLEXO UV INK	FUWF	Printed on white film
OFFSET UV INK	LUCV	Printed on coated paper with gloss neutral coating

SICURA Flex 39-8 in No-Label-Look



PrintCity is an alliance of leading companies in the printing and packaging industry which support each other in certain projects.

In a recent project, with a combination of UV flexographic inks, UV screen printing white, UV screen printing relief ink and subsequent metallic doming gold foil embossing on self-adhesive labels, the effects of a folding box outer packaging were reproduced; these were achieved with a metalized substrate and with raised and deep embossings. The label has the same look and feel as the packaging.

UV flexographic inks of the SICURA Flex 39-8 series and screen printing white of the SICURA Screen 78-6 series were used. www.printcity.de

State-of-the-art Equipment for Migration Tests

Siegwerk has again invested in the latest technology of high resolution mass spectrometry (HRMS).

The Siegwerk analysis laboratory in Annemasse/France has been using mass spectrometers as cutting-edge technology for migration tests for five years in order to comply with the strict regulations in the manufacture of food packaging.

The new acquisition is a **Q Exactive Focus Mass Spectrometer linked to an ultra high speed liquid chromatograph** by the US company Thermo Fisher Scientific, the world-leading manufacturer of laboratory equipment. A high performance level and extraordinary sensitivity allow lower limits for traceability and quantification.

