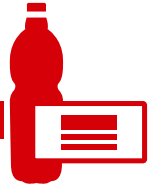


NARROW WEB

News for label printers · BU Narrow Web · EMEA Edition



New LED screen printing white

Process: LED UV screen printing

Application: Labels

Series: SICURA Screen LEDTec

Product number: 81-010322-6

Excellent adhesion on diverse materials, with very high opacity and good scratch resistance.

With this new development for LED UV screen printing, Siegwerek has managed to create yet another excellent product. No matter where it has been used, it has never failed to attract words of praise – at the Gallus Innovation Days for example (see adjacent article). The label shown here was



printed at the Gallus Innovation Days at a speed of 100 m/min.

The new LED white screen printing ink has **higher pigmentation than normal and exhibits impressive opacity at low viscosity.** Areas and texts can be easily printed even on large amounts of ink. The white is silicone-free, lies very cleanly and

Field Report

KDS in Poland finds success in printing with SICURA Nutriflex LEDTec migration-optimized LED UV inks

The printer KDS (with production facilities in Sulejówek and Pionki) was founded in 1997 and is one of the leading manufacturers of special labels – including labels for food packaging. In 2014, KDS owner Tomasz Dabrowski was one of the first

printers in Europe to invest in the new LED UV technology. Two LED UV flexographic printing machines are already producing prints at his firm. «Working with the most eco-friendly technology available today was an important factor in our decision,» explains Tomasz Dabrowski.

Besides energy efficiency and low heat production, other advantages are the long life of the LED UV lamps and that no ozone is produced, meaning there is no longer any need for extraction.

«Our choice of ink supplier was also no hasty decision,» Tomasz Dabrowski adds. KDS has been working with three ink suppliers in recent years to find the most

develops no pinholes at all. It can therefore be overprinted by screen, flexographic, offset or letterpress printing with no problems. Another important quality is that it does not yellow, which has always been a common problem for LED white so far.

Interesting news from the Gallus Innovation Days (Sept. 20–22, 2016)

Gallus presented its latest label printing machines at its company fair. Especially interesting for the narrow web industry was their presentation of the new «Gallus Labelmaster» with special, individually configurable platform. At a maximum speed of 200 m/min and extremely short make-ready times, this machine is the fastest Gallus has ever built. Commercial launch is planned for the 2nd quarter of 2017.

suitable partner for LED UV technology. «For us, it was important to choose an internationally present supplier who has technical know-how and a broad UV portfolio, including migration-optimized LED UV inks, and who also has a local production and service network in Poland and can guarantee onsite support,» Tomasz Dabrowski continues. **Ultimately, after the whole selection process, Siegwerek proved the best across the board.**





SICURA Flex 39-8 used by PrintCity



PrintCity is an alliance of leading operations in the printing and packaging industry who mutually support each other on certain projects.

In a recent project, a combination of UV inks, matt varnish and partially screen printing relief ink was used on a self-adhesive label to reproduce the effects of folding carton packaging, achieved using a metallized substrate and by embossing/debossing. The label has the same optical and textural effects as the packaging. The inks used were **UV flexographic inks from the SICURA Flex 39-8 series.** (www.printcity.de)

We are pleased to welcome



Richard Clément. As of September 1, he has been our new Customer Service Manager for France and export, for both business units Narrow Web and Sheetfed. He is based in Annemasse. (richard.clement@siegwerk.com)

Newly optimized UV Flexographic White LM

Process: UV flexoprint | Application: Labels, food packaging
Series: SICURA Nutriflex
Product number: 81-010367-1 Nutriflex White E14

Excellent adhesion and even better reactivity – a low migration UV flexographic white that impresses all along the line.

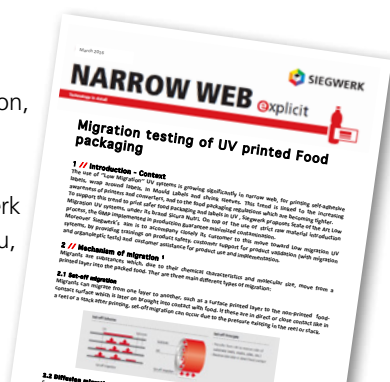
This white has always exhibited high opacity, good printability and perfect lay of the ink. Now, its adhesion on conventional materials and its reactivity have been further optimized to make this white ideal for use in **almost all applications in the food industry.**

Problem-solving

«How do you test UV-printed food packaging?»

That is the title of a new bulletin «explicit» by Siegwark, which explains the mechanism of migration, lists out the applicable regulations and explains the appropriate test methods.

Equip yourself with this important tool – your Siegwark application technician will be happy to send it to you, or you can request it by email, addressed to explicit@siegwerk.com.



New customer portal: «Everything about safe printing inks»

«Our goal is to provide customers with the safest products in the printing ink industry,» says Dr. J.-P. Langhammer, Vice-President HSE of Siegwark.

The new portal will go online in January and serves as a knowledge exchange about safety in printing food packaging: Regulations, safety tests, products & solutions, exposure assessments, ingredients, guidelines & support. Customers will find everything useful – from infographics and videos to in-depth informational pieces and e-learning modules.