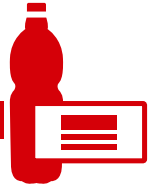


NARROW WEB

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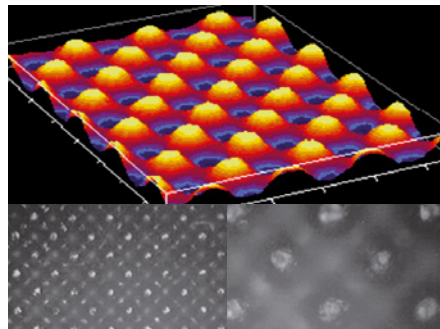


An interesting innovation in UV flexo opaque white

*Process: UV flexoprint
SICURA FLEX WHITE E08
Product number: 81-0103228-3*

If screenprint opaque white is printed with a combination machine, it can only be used at reduced production speeds.

With its new SICURA FLEX WHITE, Siegwirk has succeeded in launching an alternative to screenprint opaque white. **Its main benefit is the ability to print at normal UV flexographic printing speeds.** Printing with this new flexographic white requires, however, special anilox rollers, as for example ART rollers from PRAXAIR



Surface Technologies. SICURA FLEX WHITE is characterised by its **outstanding covering power** and lends itself well to overprinting with other inks. You can now print the white for «No Label Look» labels on your flexoprint machine without any performance compromises.

New low migration reverse side black

*Process: UV flexographic printing
Application: labels
Series: SICURA Nutriflex 10
Product number: 81-900687-5
Reverse Side Black E01*

The new Nutriflex 10 Reverse Side Black is specially made for printing on the reverse side of various self-adhesive substrates. Since these materials are siliconized, the print leaves a lot to be desired when it comes to adhesion and scratch resistance. **However, the new black stands out for its excellent adhesion to such reverse sides,** the scuff and scratch resistance is very good. The new reverse side black is also valued for printing codes on the reverse side of food labels and is therefore a welcome addition to Siegwirk's Nutri product portfolio.

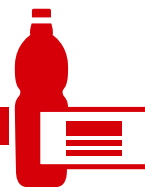
Oscar Mahl in Schwäbisch Hall prints with LED UV inks

Erwin Oscar Mahl says he is extremely satisfied with the Siegwirk ink series SICURA Nutriflex LEDTec, which he uses with his new OMET machine to print on food packaging.

The printing company from Baden-Württemberg has around 80 employees and produces printed items far beyond the country's borders. **Together with IST – a manufacturer of UV lamps based in Nürtingen – it tests LED UV lamps of the latest generation.** Work is also carried out on the same machine with the combined use of SICURA Nutriflex 10 and Nutriflex LEDTec.

«Energy savings can be as high as 30 to 40 percent when comparing LED UV lamps to a conventional UV system», explains Mahl. «On top of that, LEDs last for around 10,000 hours whereas conventional UV lamps don't last much longer than 2,000 hours. LEDs also don't warm up as much as UV lamps.»





Drupa 2016: Siegwerk now also produces digital printing inks

Siegwerk's presence at the Drupa (31.05.–10.06.) was a great success. The original painted and specially equipped trade show bus was constantly busy with visitors from all over the world. Customers received insight by Siegwerk's ink specialists who also presented the new digital printing inks. **With the SICURA Jet and SICURA NutriJet series, UV inkjet inks are now available for label-printing.** The migration-optimized inks of the SICURA NutriJet series



are specially made to meet the particular requirements of food and pharmaceutical packaging.

Intensely colored, non-fading ruby red with real pigment

Process: UV flexographic printing
Application: labels
Series: SICURA 39-8
Product number: 81-801814-5

At 22%, the pigmentation of this ruby red ink is relatively high, yet it retains excellent flow.

Customers and consumers can't understand why ruby red colors on product

labels lose their color intensity if left in direct sunlight for extended periods. **The new ruby red shows very good light fastness and replaces the previous one.** Moreover, this ruby red is characterized by very good reactivity. The light fastness factor (to DIN 53952) is indicated by WS 6 (= very good).

Problem-solving

Optimum results when printing with UV flexographic opaque white

As a rule, the color film has to be as homogenous as possible in order to achieve the desired opacity and a smooth surface. **A new «explicit» by Siegwerk** shows you the influence of pigmentation, the role of the anilox roller, the viscosity and the printing plate, and how to avoid get-

ting an orange peel effect, yellowness and pinholes. Your Siegwerk application technician will be happy to hand you this «explicit» upon request, or else just send an email with your request to explicit@siegwerk.com.

New daylight fluorescent inks

Process: UV flexographic printing
Application: labels
Series: SICURA Flex Fluo

Extremely color intensive and fluorescent – free of formaldehyde!



Flashy yellow, orange, red or green; fluorescent action labels in the Pantone colors 801 to 807. Thanks to a revolutionary luminous paste as a raw material, colors appear even brighter and **contain no formaldehyde.** Good printability on papers and selected plastics, the new generation of fluorescent inks is also distinguished by optimal flow properties and rapid drying. The new colors will transform the action labels of your customers into Power stickers that won't go overlooked!

