Siegwerk UV inks for fascinating sleeves

The all-round labeling of containers using sleeves is a perfected process. It is important that the printing inks are scratch-proof and are also flexible so that they withstand slipping without damage or break after shrinking.

Excellent UV printing inks for sleeves are SICURA Flex ORBIS and SICURA ORBIS LEDTec and for sleeves suitable for use with foodstuffs SICURA Nutriflex 39-10 and SICURA Nutriflex LEDTec.

A crucial role in the printing of sleeves is played by the full-surface white, which is generally applied as the last ink of reverse printing. The white has to have very good gliding properties (coefficient at least 0.1 to 0.3), so that it is not damaged during the sliding of the sleeve onto the bottle.

Flexible black in the SICURA Flex ORBIS series

Process: UV flexo printing
Application: Sleeves
Series: SICURA Flex ORBIS

Excellent color intensity and high reactivity. An impressive black for printing beautiful sleeves.

This is an outstanding black, suitable for all non-food sleeve applications. Trouble-free processing, good transfer properties and high flexibility are the advantages of this new ink. This black is processed using conventional mercury vapor lamps.

UV flexo white low migration for sleeves

Process: UV flexo printing
Application: Sleeves
Series: SICURA Nutriflex Sleeve White E05

This newly developed low migration white shows a perfect laydown, is very opaque, has excellent gliding properties and is highly scratch resistant.

The high reactivity and strong opacity at low viscosity is achieved by combining special raw materials with a highly opaque pigment. At the same time, the new formulation ensures low COF values to allow the sleeves to be applied over the containers without any problem. Shrinkage of up to 70% is possible. The white combines very well with the inks of the SICURA Nutriflex 39-10.
Dual Cure LED Flexo Series

Process: LED flexo printing
Application: Pressure sensitive paper/film, unsupported films and sleeve
Series: SICURA ORBIS LEDTec & SICURA FLO LEDTec

SICURA ORBIS LEDTec is the newest generation LED flexo ink series developed for pressure sensitive paper and film labels, unsupported films and shrink sleeve applications. This dual cure system can be used on conventional UV press and/or newer LED flexo presses. It has been formulated for high color strength and low viscosity to improve print performance at higher speeds. Also offered is the SICURA FLO LEDTec that is a fluorescent dual cure ink series formulated to combine maximum intensity while maintaining good viscosity and cure response. This system is used for enhancing label and package appeal in all types of high quality print applications and is formaldehyde free.

Wash away inks for label applications

Helping further shape the future of packaging through innovative and sustainable ink solutions.

Siegwerk is driving the development of eco-friendly inks and enhancing the ecological footprint by working on de-inkability. De-inking or wash away inks are where the ink is separated from the substrate in a caustic bath before recycling. This new solution is gaining favor by brand owner applications. With the ink removed from the substrate and the use of a single film package, a completely recyclable package is a real option. Wash away technology is available in solvent-based and UV curable options today.

This process meets the stringent APR recycling guidelines.