ORIS FLEX PACK // WEB

Halftone proofs on all printing substrates –
Unique system for package printing
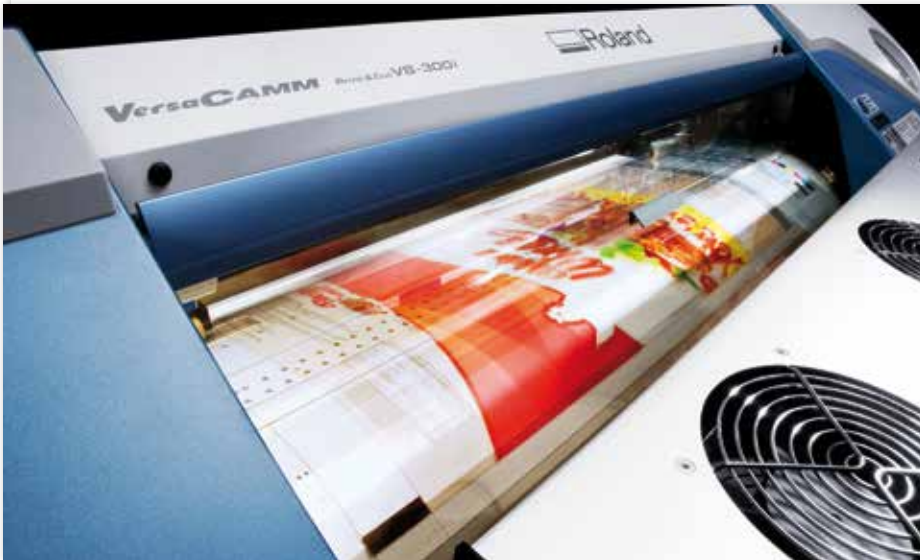
ORIS
»FLEX PACK // WEB«

TASK
- Contract-quality halftone proofs on any substrate, including the accurate reproduction of Pantone, spot and metallic colors.

SOLUTION
- ORIS Flex Pack // Web with the Roland printer including XG Inks and ORIS media.

ADVANTAGES
- Perfect and consistent color accuracy of halftone proofs
- Proofing on all media and substrates

"Our halftone proofs are always a hundred percent color accurate, even when reproducing spot colors. This is a prerequisite for our customers."
– Jochen Heibrock, Managing Director

A long-established traditional company, Thomas & Kurzberg GmbH offers purely prepress services. Its portfolio ranges from design to plate production and mock-ups for customers producing folding cartons, flexible packaging, cup and bucket printing. The team of 15 employees looks after international top brands as well as local package printing companies. This requires a high degree of professionalism and know-how. Initially, the various press curves from partners and customers had to be loaded into ORIS Flex Pack // Web in order to achieve absolute color accuracy.

Additionally, it was necessary to create profiles for the many different original media and substrates that are supplied by customers and on which the final print is to be done. Especially impressive is the iterative ORIS 4D-color management and the software's ability to precisely reproduce typical dot gains and the original screening. Thanks to the special XG Inks where Light Magenta and Light Cyan have been replaced with orange and green, ORIS Flex Pack // Web offers a color gamut that fulfills all the requirements of offset and flexographic package printing.

"Our team has extensive knowledge of color management and profiling", states Uwe Strauss, IT Administrator at T&K. "Therefore, the transition to the ORIS Flex Pack // Web system was quite easy and a day of training was enough to familiarize ourselves generally with the program."

ORIS FLEX PACK // WEB
The complete answer for flexible packaging proofs and mock-ups

Mr. Strauss, Head of IT, in front of an ORIS Flex Pack//Web client, where you can control all functions locally, or over the network.

"Fast media changes, especially when using original substrates submitted by customers (metallic films, PE films, etc.) are just as important for us as achieving very good results."
– Jochen Heibrock, Managing Director

Output equipment:
Roland DG VersaCAMM VS-300i with XG Inks, Epson 7880 for proofing on paper, proofing press for offset printing, printing plate output: Esko CDI plate imager.

Arguments for implementing the CGS solution:
We have decided for CGS and ORIS Flex Pack//Web because it is extremely important for us and our customers to be able to print on all substrates and at the same time ensure color accuracy, screen ruling and dot gain as well as preserving the tactile look & feel", explains Jochen Heibrock.

"Another advantage is the handling of customers' spot and Pantone colors that are centrally kept in a color management library. Alternatively, the Esko color library can be accessed. Handling of the software and the Roland printer is easy and intuitive. This was a key point in our investment decision.

By now, all customer print profiles and workflows are created in our system enabling us to deliver color-accurate halftone proofs by the push of a button. Especially in film printing, where nearly always partial white under- or over-printing is used, it is extremely important that those complex print requirements can be perfectly reproduced. In the past, particularly original substrates were a challenge for our

Cromalin proofing system and extraordinary time consuming. This can now be comfortably and rapidly accomplished with the ORIS Flex Pack//Web system."

"This is true for all ORIS media, especially the new transfer film which works perfectly on heat-sensitive PE films. The film is only a few μ thick, color-neutral and therefore almost completely invisible. In addition, it has a wide color gamut, and after printing, can be transferred onto PE films, composite materials and other print media, using a standard laminator. A post-process with a so-called embossing film can then add different surface gloss grades and spot varnish effects. When it comes to the diversity of substrates to be proofed, particularly transparent films, the ORIS Flex Pack//Web system provides unique opportunities that no other system can provide", states Uwe Strauss.

"We provide an extremely broad spectrum of services, ranging from frozen food bags to folding cartons, and all of these can be reproduced extremely well with ORIS Flex Pack//Web, which enables us to produce more varieties of mock-ups for our clients. Although we still occasionally run jobs on our offset proofing press, it cannot keep pace with the ORIS Flex Pack//Web proofing solution in terms of the time it takes to create a proof. In addition, the ORIS Flex Pack//Web system is extremely cost effective."