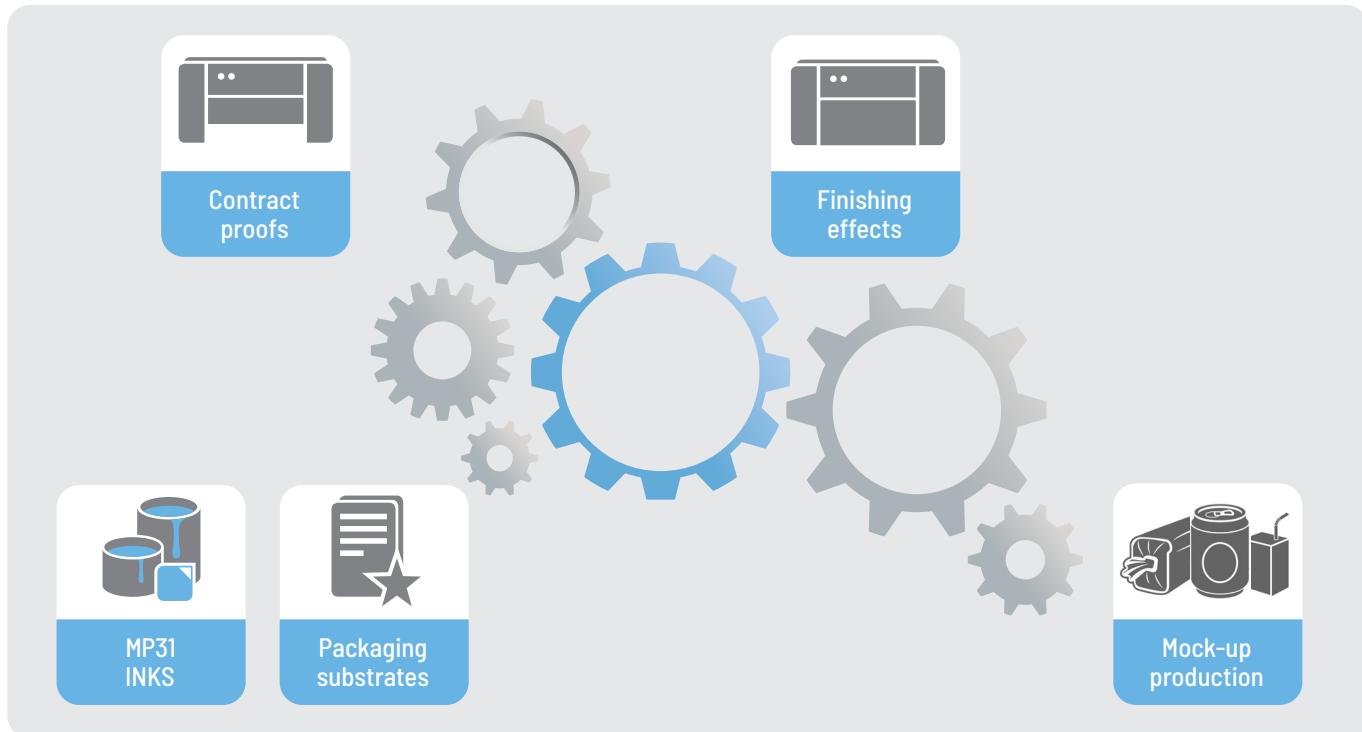


A perfectly tuned system - for color accurate production of packaging proofs and prototypes



Do you need to produce color-accurate packaging proofs and prototypes efficiently and with ease? Are complex finishing effects also a requirement? Then FLEX PACK is the right solution for you! The system was specially developed for these applications and offers everything you need to achieve perfect results accurately and cost-effectively.

A huge advantage: FLEX PACK was designed as a complete system. The ultimate combination of extremely powerful software, specific printer hardware, special extended gamut inks, and a large portfolio of proofing substrates are available. Of course, all components are perfectly harmonized - creating an ideal workflow and optimal results without any effort.

An additional plus: FLEX PACK was developed in close cooperation with leading companies in the packaging industry and has been used successfully worldwide for many years. End users appreciate the absolute precision, reliability and enormous flexibility of the system.

FLEX PACK and its continuous development benefits from years of packaging experience in coordination with our many customers and partners within the industry - and so do you: The packaging industry is always dynamic and subject to change. We react to these quickly and competently in order to always give our customers the optimum tools to improve their daily business.

FLEX PACK is available in a variety of different configurations, highlighted in further detail.

Benefits at a glance

- Unique system, especially developed for the production of color-accurate packaging proofs and mock-ups
- Highly efficient and reduced cost to manufacture
- Patented, iterative 4D color management technology
- Perfectly tailored features and modules, e.g. for preflighting, soft proofing and proof certification, support of raster data
- Packaging-related spot color management: Ideal overprinting of spot color using spectral color information
- Perfect visualization of finishing effects like cold foiling, embossing or varnish
- Huge packaging substrate portfolio, specially developed for the needs and requirements of the packaging industry
- Color-accurate proofing on original substrate
- Easy to use, quickly integratable into existing workflows, infrastructures and to any other CGS ORIS application

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CGS
ORIS

FLEX
PACK

FLEX PACK - The software for packaging proofs and samples

The software was specially designed for the characteristics and highest requirements of the packaging industry. It is based on our patented iterative 4D color management technology and contains all functions and modules to produce various packaging proofs and packaging samples immediately, easily and cost-effectively.

Functions such as pre-flighting, soft-proof and proof certification are integrated, raster data such as Esko LEN are supported and the program naturally has packaging-specific spot color management that converts spectral data natively and even simulates the overprinting of spot colors perfectly. Furthermore, cloud-based color databases such as the CGS ORIS CxF CLOUD or PantoneLIVE® are integrated.

FLEX PACK + Roland DG: The proven classic

In this version, FLEX PACK is combined with printers of the **Roland VersaCAMM VSi series**. Contrary to conventional UV inkjet systems, it works with eco-solvent inks offering a brilliant print image and also white and metallic. With the specially developed, highly pigmented **XG INKS**, which also include orange and green, the color space guarantees reproduction of almost all special colors.

The system offers unlimited possibilities for the production of packaging proofs and prototypes: From 'no-label-look' labels to stand-up pouches, bottles with shrink film labels to metal or luxury packaging with complex partial varnishing and embossing in any form that offers the unique look and feel. For any kind of finishing effects, FLEX PACK supports the Roland VersaUV LEF(2)-200/300 printers as well as other UV printers.

Here, a selection of samples are shown, many more can be found in our "Best Mockup Selection Brochure". Thanks to the built-in 'Print & Cut' function of Roland printers, even a small series of self-adhesive labels can be produced effectively.

To ensure that you always have the right substrate available for any kind of job, we offer a large selection of **proofing media** that have been developed for this purpose and tailored to the special requirements. Find out more about the broad portfolio of the PackPROOF family and their unique benefits.

One key element is the PackPROOF Transfer Film, as it enables the production of packaging proofs and samples on the original production substrate.

Optionally, the system can be upgraded with additional **hardware components**, such as media preconditioning, drying systems or media holders. We also offer any necessary peripheral equipment, such as laminators, punches and register devices.

The system is fully customizable to your individual needs and requirements.

Recommended system configuration, supported printers, file formats and measurements devices

All details are available at cgs-oris.com.

FLEX PACK + Mutoh: Direct-to-substrate proofing

In this latest addition to the system, FLEX PACK is combined with the **Mutoh ValueJet 628 MP or 1628 MH**, which is a digital piezo inkjet printer, specifically developed for the special requirements and needs of the packaging industry.

This new solution is a real break-through for the industry, as it enables true printing on original substrates – something many customers have been searching years for.

In addition to printing on substrates such as shrink films and other extremely thin flexibles, the new solution is particularly suited for proofing on uncoated label stock or cardboard. Unlike UV inks, the specially developed MP31 inks retain the look & feel and all other physical properties of the substrate, thus making it possible to create a proof or prototype which cannot be distinguished from the final product.

The inks have an excellent adhesion to coated and uncoated substrates, are non-toxic, odorless and have unique stretching and shrinking properties. This is particularly important for the production of shrink sleeves, as the distortion of the artwork can be checked in advance on the original shrink material.

Therefore, this is the ideal solution for those proofing applications where the use of transfer films with solvent-based inks or printing with UV inks is not the optimal approach.

Further information on the new system and its components can be found on our website.

Further information & contact

- More details about direct-to-substrate proofing
- Case studies

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