Create Proof and Separation Profiles for Packaging Printing:
GMG OpenColor

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GMG OpenColor:
Accurate Profiles based on Spectral Data

GMG OpenColor offers powerful color management for CMYK and multicolor packaging printing. The spectral MX Color Engine uses patented state-of-the-art technology to quickly and easily create color-accurate proof and separation profiles. With a range of unique features, including reliable prediction of spot color overprint behavior and conversion from Lab to spectral data for maximum flexibility, GMG's award-winning solution ensures unbeatable efficiency and accuracy.

In production environments like packaging printing, where printing processes are not standardized, GMG OpenColor offers a unique solution for calculating color-accurate profiles for both proofing and separation.

Spectral Model for Precision and Reliability

GMG OpenColor creates high-quality profiles based on spectral measurement data using the process parameters of the printing environment, without the need for complex test charts. The results are proofing and separation profiles that enable flexible and accurate simulation of print jobs. If a printing parameter changes, GMG OpenColor profiles are easily re-calculated.

Consistent Color from Separation to Proofing and Printing

The GMG OpenColor Profile system can be deployed within GMG ColorProof, GMG ColorPlugin, and GMG ColorServer. Because both proof and separation profiles are created of the same characterization, consistent color reproduction is ensured throughout the entire process. In addition, the CxF3 export enables improved consistency of color reproduction across the entire value chain, from ink formulation to proofing and ensuring absolute process control.

Measurement Data is Automatically Optimized

GMG OpenColor automatically optimizes measurement data using spectral data, this optimization of the source data ensures color-accuracy right from the start. GMG

OpenColor also offers sophisticated tools for further customization of spectral characterization data, such as adjusting to the substrate's white point.

Creating Profiles for GMG FlexoProof

GMG OpenColor calculates specific profiles for GMG FlexoProof to handle 1-bit and .len files. The visualization of screen angles, dot shape, and minimum dot ensures predictable results, even under demanding printing conditions like flexographic printing on corrugated board.

Technology Partners

GMG OpenColor supports the integration of cloud-based spot color databases from Pantone (PantoneLIVE), matchmycolor (Colibri) and DIC (DIC ColorCloud).

Colorware MeasureColor connects to GMG OpenColor through its API interface for process control and brand color management. The two major PDF editing application in the packaging market, Esko ArtPro+ and HybridSoftware PackZ, also rely on GMG OpenColor for color management.

- **Characterization** in just a few steps

- High color accuracy for **proof and separation profiles**

- Award-winning and patented **spectral overprint prediction** technology

- **Lab to Spectral** conversion technology

- Powerful **spectral editing tools**

- Integrated **connection to major cloud databases** such as PantoneLIVE

- API interface to **PDF editing and process control applications**

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