As unique as the
packaging industry itself:
GMG FlexoProof

gmg flexoProof

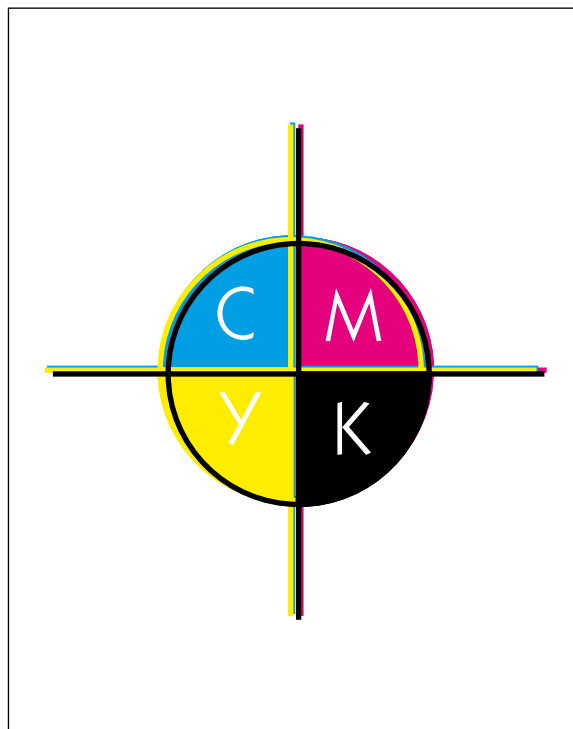# Dot meets Spot:
Reliable Proofing for Flexo and Packaging

Presenting the customer with a proof that matches the final print while keeping costs down is a challenge for flexo prepress houses and printers, due to the enormous range of different substrates and inks used in flexo and packaging printing. The demands on a digital proofing system are thus much higher, having to keep up with constantly moving targets. GMG improved digital proofing into a new era with GMG FlexoProof, eliminating uncertainties and mimicing moving targets without effort.

Color accurate halftone proofs with special effects

GMG FlexoProof is able to directly process the 1-bit data of the imagesetter RIP, exactly like the halftone proofing software GMG DotProof, to produce color-identical contone and halftone proofs in contract proof quality. What distinguishes GMG FlexoProof from GMG DotProof are the additional special effect features. For example, GMG FlexoProof is not only able to mimic the effect of the pressure related dot gain, but also the typical "dot loss" in highlight areas, or shifts in registration.

With GMG FlexoProof typical packaging substrate structures such as paper fibers, embossed structures or corrugated cardboard can be simulated, either with preloaded or custom data. Even unfavorable printing conditions, such as printing on wood pulp paper, can be simulated with the help of variable image noise.

A key component of GMG FlexoProof is its ability to provide specific control over ink curves for spot colors. The opacity of the spot colors and the order in which they are printed can likewise be specified. If more than 4 colors come into play and you have many moving targets in your production, the multichannel profiler GMG Open-Color is ready to dock to GMG FlexoProof and calculate the required proof profiles.

- **Color accurate halftone proofs** with simulation of the substrate structures

- **Simulation of press misregistration** and missing dots in gravure

- **Easy integration** through direct processing of the original imagesetter data

gmg color