

Prototype Proofing: Common printer models for a variety of applications

Proofing for packaging printing

Tailored solutions for specific use cases

In modern packaging printing, efficient processes and predictable results are key success factors. GMG Prototype Proofing delivers both economic and qualitative benefits with innovative color management.

Different applications present their own challenges: Is the priority precise color reproduction on demanding substrates? Or accurately conveying tactile properties? Or creating prototypes that look and feel like the real product?

This guide provides an overview and shows which proofing technology is best suited for various requirements. The following use cases form the basis for the overview:

- **Packaging Proof:** Highly accurate proofs on challenging materials such as transparent or metallic foils – including substrate effects and white printing.
- **Substrate Proof:** Proofs directly on production materials for realistic simulation and evaluation of optical and tactile material properties at production-level quality.
- **Prototypes and mock-ups:** Detailed simulations of final products, combining design, color, and material in a 3-dimensional model.

GMG's solution: Flexible, precise, reliable

Prototype Proofing by GMG combines innovative proofing technologies with globally recognized color management expertise – delivering results that are not only visually impressive but also meet the high economic standards of packaging printing. Whether simulating substrate effects, printing on unconventional materials, or creating premium mock-ups, GMG ColorProof and GMG OpenColor, combined with the right printer ensure the perfect result every time.

	Epson <i>discontinued</i> SureColor SC-S80600	Epson SureColor SC-S9100	Roland TrueVIS MG-300, MG-640	Roland TrueVIS LG-300, LG-540, LG- 640	Roland VersaOBJECT CO-300i, 640i	Roland VersaOBJECT MO-180, MO-240	Mutoh ValueJet 628MP, 1628MH
Suitable substrate	Coated media Coated foils Transfer foil onto production substrate (roll media)	Coated media Coated foils Transfer foil onto production substrate (roll media)	Production substrate	Production substrate	Production substrate Sheets, plates Three-dimensional objects	Production substrate Three-dimensional and round objects	Production substrate
Ink system	Solvent-based inks	Solvent-based inks	UV-curable inks	UV-curable inks	UV-curable inks	UV-curable inks	MP inks (Multi-Purpose)
Extended color gamut	Orange Red	Orange Red Green	Orange Red	Orange Red	Orange Red	Orange Red	Orange Green Blue
White ink	•	•	•	•	•	•	•
Varnish (matt/gloss/ embossing effect)	—	—	•	•	•	•	—
Primer (substrate coating)	—	—	•	•	•	•	—
Cutting function	—	—	•	•	—	—	—
Supported from Version	ColorProof 5.10 (2018)	ColorProof 5.17 (2025)	ColorProof 5.14 (2023)	ColorProof 5.17 (2025)	ColorProof 5.16 (2024)	ColorProof 5.17 (2025)	ColorProof 5.18 (2026)
DotProof	•	•	—	—	—	—	—