gmg proofMedia

Innovative media for high-end contract proofs

Optimum quality hardcopy inkjet proofs are only possible when all system components – software, printer, inks and media – interact smoothly and are well integrated. The printing substrate is essential in this context since it is largely responsible for the color space size and repeatability of proofs – very important for production reliability. The surface properties of the innovative proofing media from GMG are optimized for inkjet printers. This supports optimum utilization of the printer's color space and is particularly noticeable when reproducing spot colors. GMG offers printing substrates with optimally coordinated profiles for all proofing requirements: semimatte, matte and gloss papers for offset, gravure and photographic applications; special paper for newspaper applications, and transparent film for flexographic, label printing and packaging applications.

Target groups

- Agencies and photographers
- Repro houses and prepress businesses
- Printers and publishers
- All users of GMG proofing softwar

Advantages of GMG proofing media

- All substrates are specified, manufactured and controlled to the highest quality requirements of contract proofing. GMG guarantees high proof-to-proof, roll-to-roll and batch-to-batch repeatability.
- GMG proof substrates offer high paper tint accuracy, excellent drying and high ink limit capabilities.
- GMG performs extensive tests to optimally coordinate printer calibrations with the respective printing substrate, inks and output devices, allowing remote proofing within printer families.
- Support of, and conformity to, all common standards, including ISO/PSO Offset, ISO Newspaper, PSR Gravure v1/v2 (ECI), GRACoL/SWOP, 3DAP, etc.
- Wide range of roll and sheet stock sizes to maximize fit and minimize waste.
- Minimal curling using 3" roll cores.

For more information, please contact your GMG dealer or visit **www.gmgcolor.com**.

Technical data GMG ProofMedia

	GMG ProofPaper matte 140	GMG ProofPaper semimatte light	GMG ProofPaper semimatte 250	GMG ProofPaper gloss 250	GMG NewsProof 76	GMG ProofFilm transparent 139
Printing substrate	Paper					Film
Weight	140 g/m²	190 g/m²	250 g/m²		76 g/m²	n/a
Thickness	175 µm	185 µm	243 µm		98 µm	139 µm
Paper tint accuracy*	L: 97.0 a: 0.1 b: −2.8 ΔL, Δa, Δb < 0.5	L: 96.7 / a: −0.7 / b: −1.4 ΔL, Δa, Δb < 0.5			L: 87.2 a: −0.7 b: 5.9 ΔL± 1.2, Δa± 0.7, Δb± 1	
Surface	Matte	Semimatte		Glossy	Special coating	Transparent
Sheet formats	A2, A3+					
Roll formats**	13″, 17″, 24″, 36″, 42″, 44″			17″, 24″, 36″, 44″	17″, 24″, 44"	17″, 24″, 42″
Range of application	Offset, gravure and packaging printing simulation; art work reproduction, simulation of uncoated papers	Offset, gravure and packaging printing simulation; photographic and art work reproduction, substitute for Cromalin® and Approval			Newspaper simulation	Packaging printing simulation
Supported printers	A list of currently supported printers can be found at www.gmgcolor.com.					
Supported print standards	ISO/PSO Offset (uncoated + newspaper)	ISO/PSO Offset, SWOP, GRACoL, PSR Gravure v1 und v2 (ECI), 3DAP, JMPA, JPC, PaC.Space			ISO Newspaper (26v4, 30v4)	
Certifications	FograCert (proof system)	FograCert (proof substrate and system)	FograCert (proof substrate and system), GRACoL/ SWOP, 3DAP	FograCert (proof substrate and system)		
Special features	GMG backlabel, large color space, high ink limit, sharper inkjet droplets, few optical brighteners, no blotchy buildups, no matting, dries quickly, can be cold or hot-laminated, paper tint accuracy Δ E < 1	GMG backlabel, large color space, high ink limit, sharper inkjet droplets, no optical brighteners, no overinking / matting / blotchy build-ups / curling, dries quickly, might be used as a white backing, can be cold or hot-laminated, paper tint accuracy Δ E < 1	GMG's premium proof paper, GMG backlabel, large color space, high ink limit, sharper inkjet droplets, no optical brighteners, no overinking / matting / blotchy buildups / curling, dries quickly, paper tint accuracy Δ E < 1	GMG backlabel, large color space, high ink limit, sharper inkjet droplets, no optical brighteners, no overinking / matting / blotchy buildups / curling, dries quickly, can be cold or hot-laminated, color profiles for semimatte 250 can also be used for gloss 250, paper tint accuracy Δ E < 1	GMG backlabel, same look as newsprint, special coating for sharper inkjet droplets; large color space, high ink limit with-out bleeding, no curling, supports MatteBlack and Photo-Black inks, can be cold or hot-laminated, paper tint accuracy Δ E < 1.5	Excellent for mock-ups, overprints and die-cut visualizations; large color space, high ink limit, dries quickly, great ink adhesion, can be cold or hot-laminated

* Measured with X-Rite Spectrolino: D50, 2° observer. Underlay of 3 sheets GMG ProofPaper semimatte light.
** 3″ roll core; 13″ (33 cm), 17″ (43.2 cm), 24″ (61 cm), 36″ (91.4 cm), 42″ (106.7 cm), 44″ (111.8 cm)

gmg color