

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 (with and without optical brighteners) 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 software

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 semimatte 250	GMG ProofPaper semimatte light	GMG ProofPaper gloss 250	GMG ProofPaper semimatte 250 OBA	GMG ProofPaper matte 140	GMG NewsProof 76	GMG ProofFilm transparent 139
Printing substrate*	Paper	Paper	Paper	Paper	Paper	Paper	Film
Weight	250 g/m ²	190 g/m ²	250 g/m ²	250 g/m ²	140 g/m ²	76 g/m ²	n/a
Thickness	243 µm	185 µm	243 µm	243 µm	175 µm	98 µm	139 µm
Paper tint accuracy (M0)**		L: 96.6 a: -0.7 b: -1.4 ΔL, Δa, Δb < 0.5		L: 96.5 a: 0.4 b: -3.8 ΔL, Δa, Δb < 0.5	L: 97.0 a: 0.1 b: -2.8 ΔL, Δa, Δb < 0.5	L: 87.2 a: -0.7 b: 5.9 ΔL ±1.2, Δa ±0.7, Δb ±1	
Paper tint accuracy (M1)***		L: 96.6 a: -0.7 b: -1.4 ΔL, Δa, Δb < 0.5		L: 96.9 a: 0.5 b: -5.8 ΔL, Δa, Δb < 0.5	L: 96.7 a: 0.5 b: -4.25 ΔL, Δa, Δb < 0.5		
Surface	Semimatte	Semimatte	Glossy	Semimatte	Matte	Special Coating	Transparent
Sheet formats	A2, A3+	A2, A3+	A2, A3+	A2, A3+	A2, A3+		
Roll formats****	13", 17", 24", 36", 42", 44"	13", 17", 24", 36", 42", 44"	17", 24", 36", 44"	13", 17", 24", 36", 42", 44"	13", 17", 24", 36", 42", 44"	17", 24", 44"	17", 24", 42"
Range of application	Simulation of coated papers with no or just few optical brighteners in offset, gravure and packaging printing; photographic and art work reproduction			Simulation of coated papers with optical brighteners in offset, gravure and packaging printing; photographic and art work reproduction	Simulation of un-coated papers with a low amount of optical brighteners in offset, gravure and packaging printing; art work reproduction	Newspaper simulation	Packaging printing simulation
Supported print standards	Support of all common and current standards of ISO/PSO Offset, SWOP, GRACoL, PSR Gravure v1/v2 (ECL), 3DAPv3, JapanColor, Aniva			PSO Offset, GRACoL 2013	ISO/PSO Offset (un-coated + newspaper)	ISO Offset (newspaper), SNAP	
Certifications	All GMG substrates are Fogra certified, based on the current criteria for aging and light fastness (certificate 28445/28665 from June/September 2014). For a list of certificates visit www.gmgcolor.com						
	FograCert (proof substrate and proof system), GRACoL/SWOP, JapanColor	FograCert (proof substrate and proof system)	FograCert (proof substrate and proof system)	FograCert (proof substrate)	FograCert (proof substrate and proof system)	FograCert (proof substrate and proof system)	
Special features	large color space, high ink limit, sharper inkjet droplets, no overinking, / matting / blotchy buildups, dries quickly (no curling), can be cold-/hot-laminated, paper tint accuracy ΔE < 1				large color space, high ink limit, sharper inkjet droplets, no overinking, can be cold-/hot-laminated, paper tint accuracy ΔE < 1	newprint with special coating for sharper inkjet droplets; large color space, high ink limit (without bleeding), can be cold-/hot-laminated, paper tint accuracy ΔE < 1.5	high ink limit, dries quickly, high ink adhesion, can be cold-/hot-laminated
Optical brighteners	no optical brighteners			optical brighteners	optical brighteners	no optical brighteners	
Specialties	Can be used as white backing				supports MatteBlack and Photo-Black inks	supports MatteBlack and Photo-Black inks	
Backlabel	All GMG proof papers have a blacklabel on the back page for definite identification.						
Supported printers	For a current list of supported printers visit www.gmgcolor.com						

* Storing conditions: 23° C / 73.4° F / 50 % rel. F

** Measured with X-Rite Spectrolino (No Filter): D50, 2° observer. Backing of 3 sheets GMG ProofPaper semimatte 250

*** Measured with X-Rite Eye-One Pro v2 (M1 modus): D50, 2° observer. Backing of 3 sheets GMG ProofPaper semimatte 250

**** 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)



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