

# Innovative media for high-end contract proofs

Optimum quality hardcopy inkjet proofs are only possible when all system components – printer, software, inks and media – interact smoothly and are well integrated. The printing substrate is essential in this context since it is largely responsible for color space size and repeatability of proofs.

GMG offers printing substrates with optimally coordinated profiles for all proofing requirements: semimatte and gloss papers for offset, gravure and photographic applications; special papers for newspaper applications, and transparent and opaque films for flexographic and packaging applications.

## Special features of GMG printing substrates

GMG printing substrates offer the user many advantages including:

- All substrates specified and manufactured to the highest quality requirements of contract proofing
- Every production batch tested by GMG to ensure tight conformance to specifications and tolerances
- Extensive tests performed to optimally coordinate calibrations (MX3s) with the respective printing substrate, inks and output devices, allowing remote proofing within printer families

## Industries and Applications for GMG printing substrates

A wide range of customers depend on the quality and consistency of GMG media including agencies, photographers, repro houses and prepress businesses, printers using gravure, offset, flexo, screen and digital presses, as well as newspaper, book and periodical publishers.

## Advantages at a glance

- High-quality printing substrates, designed specifically for contract proofing requirements
- High proof-to-proof, roll-to-roll and batch-to-batch repeatability, guaranteed by GMG
- High paper tint accuracy
- Excellent drying and ink limit capabilities
- Wide range of roll and sheet stock sizes to maximize fit and minimize waste
- Minimal curling using 3 inch roll cores
- Support and conformance to all common standards including ISO, PSR-ECI, SWOP, and 3DAP
- Profiles optimized for GMG software, achieving industry-reference quality standards
- Tested against exacting specifications by GMG

For more information about GMG products, please contact your GMG dealer or visit us at [www.gmgcolor.com](http://www.gmgcolor.com).

# GMG ProofPaper and ProofFilm Technical Data

	GMG ProofPaper semimatte 250	GMG ProofPaper gloss 260	GMG NewsPaper 57	GMG NewsPaper 80	GMG ProofFilm transparent 139	GMG ProofFilm opaque 105
Printing substrate	Paper	Paper	Paper	Paper	Film	Film
Grammage	250 g/m <sup>2</sup>	260 g/m <sup>2</sup>	57 g/m <sup>2</sup>	80 g/m <sup>2</sup>	n/a	n/a
Thickness	243 µm	270 µm	85 µm	107 µm	139 µm	105 µm
Surface	Semimatte	Glossy	Uncoated	Uncoated	Transparent	Opaque
Available formats	A2, A3+ (sheet) and 17", 24", 36", 42" rolls on a 3" roll core	A2, A3+ (sheet) and 17", 24", 36", 44" rolls on a 3" roll core	Super A3 (sheet) and 17", 24", 44" rolls on a 3" roll core	17", 24", 44" rolls on a 3" roll core	A3+ (sheet) and 17", 24", 36", 42", 44" rolls on a 3" roll core	17", 24", 42" rolls on a 3" roll core
Range of application	Offset, gravure, flexographic and other press proofing; substitute for Cromalin® or Approval; photographic and art work reproduction	Photography, offset, gravure, flexographic and packaging printing, substitute for Cromalin	Newspaper market	Newspaper market	Flexographic and packaging printing	Flexographic and packaging printing
Supported printers contact us for a current list	E.g. Epson 4000, 4800, 7600, 7800, 9600, 9800, HP 130, Canon 6400, 8400, Mutoh RJ8000, Roland FJ500	E.g. Epson 4000, 4800, 7600, 7800, 9600, 9800	E.g. Epson 4000, 4800, 7600, 7800, 9600, 9800, 10600, HP 1050, OKI C 9500	E.g. Epson 4000, 4800, 7600, 7800, 9600, 9800, 10600, HP 1050	E.g. Epson 4000, 4800, 7600, 7800, 9600, 9800	E.g. Epson 4000, 4800, 7600, 7800, 9600, 9800
Available color profiles contact us for a current list	PSR-ECI, ISO 27L-32L, SWOP, 3DPA	ISO Coated	ISO Newspaper	ISO Newspaper		
Software requirements	Version 04.1 or later of GMG ColorProof, GMG DotProof or GMG FlexoProof	Version 04.1 or later of GMG ColorProof, GMG DotProof or GMG FlexoProof	Version 04.0 or later of GMG ColorProof, GMG DotProof or GMG FlexoProof	Version 04.0 or later of GMG ColorProof, GMG DotProof or GMG FlexoProof	Version 04.1 or later of GMG ColorProof, GMG DotProof or GMG FlexoProof	Version 04.1 or later of GMG ColorProof, GMG DotProof or GMG FlexoProof
Special features	GMG's premium proofing paper with GMG back label; large color space; high ink limit; no optical brighteners; sharper inkjet droplets; no over-inking, blotchy build-ups, matting or curl; paper tint accuracy < 1 Delta E, < 0.5 Delta L, < 0.5 Delta a, < 0.5 Delta b	Optimized for high gloss and photographic applications; high ink limit; large color space; no curl; GMG back label; paper tint accuracy < 1.5 Delta E	Same look and feel as newsprint; high ink limit with no bleeding; supports matte black and photo black inks; no curl	Same look and feel as newsprint; high ink limit with no bleeding; supports matte black and photo black inks; no curl	Excellent for mock-ups; over-prints, and dye cut visualizations; large color space; dries quickly, even at high ink limits; great ink adhesion; can be cold and hot laminated	Excellent for opaque white simulation; large color space; dries quickly, even at high ink limits; great ink adhesion

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