



# G-Print

*G-Print is truly unique among wood-free coated papers. Like no other paper it offers high bulk, generous paper feel and excellent runnability, making G-Print a printer's favourite. It is smooth, yet bulky and stiff- and noted for its consistent technical quality.*

## User benefits

The smooth, low-reflecting surface provides both perfect readability and quality image reproduction, with high gloss contrast compared to other wood-free coated grades. G-Print offers sharp, even print and low mottling tendencies. Finishing performance is a key property.

## Repro

Screen rulings max 175 lines/inch (70 lines/cm) without adjustment. For heavier colour-saturated images, we recommend repro alignment.

## Printing processes

Sheet fed and heat set web offset, letterpress and most digital presses. G-Print has a HP Indigo certificate. Silk screen for 115 g/m<sup>2</sup> and higher. Standard inks for matt papers. The pressure between blanket cylinder and impression cylinder is recommended to be 0.16-0.17 mm for higher substances and 0.18 mm for lower substances. Maximum ink coverage is 320% for sheets and 280% for HSWO.

## Binding processes

Thread, wire and adhesive binding. Scoring is recommended when folding grammages of 150 g/m<sup>2</sup> and higher.

## Surface treatment

G-Print can be varnished. For UV varnish, talk to your varnish supplier (it's a question of viscosity). G-Print can be laminated in substances higher than 100 g/m<sup>2</sup>.

## Range

G-Print is available both as sheets and reels in various sizes in grammages from 70 to 250 g/m<sup>2</sup>.

## Quality system

The quality system of the mill is approved according to ISO 9001.

## Health and environment

G-Print fulfills the European Standard "Safety of Toys" (DIN EN 71 part 3).

The pulp used is chemical pulp of ECF.

G-Print fulfills the requirements for permanence of paper according to ISO 9706:1994.

The environmental system of the mill is approved according to ISO 14001 and EMAS.

The mill holds Chain-of-Custody certifications for both FSC and PEFC, thus G-Print can be supplied as certified paper accordingly.

G-Print is ideal for books, magazines, brochures, catalogues, covers, direct mail, folders, posters, inserts and maps.]

## Production target values

Substance (g/m <sup>2</sup> )	Caliper (µm)	Bulk (cm <sup>3</sup> /g)	Roughness (PPS µm)	CIE Whiteness (% D65/10)	Brightness (% D65/10)	Opacity (% D65/10)	Gloss Tappi (% TAPPI 75)
ISO 536	ISO 534	ISO 536:1995	ISO 8791-4	ISO 11475	ISO 2471	ISO 2471	ISO 8245/1
70	68	0.96	2.8	117	95	87.5	<25
80	77	0.96	2.8	117	95	90.5	<25
90	87	0.97	2.8	117	95	92	<25
100	98	0.98	2.8	117	95	93.5	<25
115	113	0.98	2.8	117	95	96	<25
130	129	0.99	2.8	117	95	97	<25
150	150	1.0	2.8	117	95	98	<25
170	172	1.01	2.8	117	95	98.5	<25
200	203	1.02	2.2	119	97	99	<30
250	255	1.02	2.2	119	97	99.5	<30

Details and specific supplier conditions are subject to the contract. The "General Trade Rules for Sales of Paper and Paperboard" apply for all Grycksbo Paper's sales and deliveries of paper. Go to [www.gprint.com](http://www.gprint.com) for more information.

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