



LumiSilk

PAPER FOR IMAGES AND TEXT.

LumiSilk is a woodfree, multicoated silk matt art paper and board for demanding image and text printing.

Text/Image

LumiSilk is an ideal choice for demanding images in combination with text for good readability. For prints with only little text and mainly images consider using LumiArt for most lustrous impact.

Prepress

This paper does not set the limit. High density AM, FM and hybrid screens can be used.

Printing and finishing

Sheet fed offset printing is guaranteed. Other printing processes are suitable with limitations e.g. screen process, flexo and digital printing. Ideal for perfecting presses. Besides conventional inks the paper produces excellent results with UV and hybrid UV inks. Multiple matt, gloss, UV and spot varnishing are allowed, along with laminating, foil blocking and embossing can be used. Thread wire and adhesive binding can be used. Precreasing is recommended when folding grammages of 170 g/m² and higher.

Producing mill

The paper is produced at [Oulu](#) and [Uetersen](#) Mills.

Certified management systems and product confirmations

Oulu: ISO 9001, ISO 14001, OHSAS 18001, PEFC CoC, FSC CoC, Permanent paper ISO 9706, EN71/3 2003 Safety of toys, migration of certain elements, 94/62/EC Heavy metal certificate.

Uetersen: ISO 9001, ISO 14001, PEFC CoC, FSC CoC, Permanent paper ISO 9706, EN 71/3 2003 Safety of toys, migration of certain elements, 94/62 EC Heavy metal certificate.

Environmental information

Fibre source is virgin wood fibre from Finland and Brazil. The pulp is bleached using an Elementary Chlorine Free (ECF) process. Paper and packaging materials are recyclable.

Range

Available in grammages from 90 to 400 g/m². Various sizes are available depending on partner merchant assortment. Available also in reels for in-line sheeting.

Production target values

Grammage g/m ²	Bulk cm ³ /g	Whiteness CIE D65/10 %	Brightness D65/10 %	Opacity D65/10 %	Gloss TAPPI 75 %	Surface roughness PPS 1.0
ISO 536	ISO 534:1995	ISO 11475	ISO 2470-2	ISO 2471	T480 om-92 ISO/DIS 8245-1	ISO 8791-4
90	0.87	122	99	92.0	30	2.0
100	0.87	122	99	93.0	30	2.0
115	0.82	122	99	94.5	30	1.3
130	0.85	122	99	95.5	30	1.3
135	0.85	122	99	96.0	30	1.3
150	0.85	122	99	97.0	30	1.3
170	0.85	122	99	98.0	30	1.3
200	0.88	122	99	99.0	30	1.3
250	0.83	122	99	99.0	30	1.4
300	0.88	122	99	99.0	30	1.5
350	0.91	122	99	99.0	30	2.1
400	0.86	122	99	99.0	30	1.4