



CosmoPrint Silk

PAPER FOR PUBLICATIONS.

CosmoPrint Silk is a nearly woodfree, fully coated fine paper for text and image printing offering high whiteness and opacity.

Text/Image

CosmoPrint Silk is ideal for printing high quality images in combination with text.

Prepress

Screen rulings max 80 lines/cm (200 lines/inch), with care this limits can be exceeded. AM, FM and hybrid screens can be used.

Printing and finishing

Sheet fed offset, letterpress and silk screen process are suitable. Avoid 115 g/m² and lower for silk screen printing. This paper is suitable for varnishing, and in grammages higher than 115 g/m² also for film lamination.

Thread wire and adhesive binding can be used. Precreasing is recommended when folding grammages of 130 g/m² and higher.

Producing mill

The paper is produced at [Kabel Mill](#).

Certified management systems and product certificates

The quality system of the mill is certified according to ISO 9001 (No 04100 19980385).

OHSAS 18001 (certificate No. 04 116 20050972)

This paper is approved for contact with food according to BGA and fulfils the European Standard for Safety of toys EN 71-3:1995 (ISEGA Certificate No 13542 U99).

Environmental certificates

The environmental system of the mill is certified according to ISO 14001 (certificate No 04-104-010053) and EMAS registered (registration No DE-130-00001).

PEFC (certificate No. 23 89 00 01)

Range

This paper is available in a broad range of sizes in grammages from 80 to 170 g/m².

Production target values

Grammage g/m ²	Caliper µm	Whiteness CIE D65/10 %	Brightness D65/10 %	Opacity D65/10 %	Gloss TAPPI 75 %	Surface roughness PPS 1.0
ISO 536	ISO 534	ISO 11475	ISO 2470-2	ISO 2471	ISO 8245-1	ISO 8791-4
80	75	102	97	95	36	1.8
85*	78	104	95	94	35	2.4
90	83	104	95	94.5	35	2.4
100	87	104	95	95.5	35	2.4
115	102	104	95	96.5	35	2,7
130	117	104	95	97.5	35	3,2
150	135	104	95	98.5	35	3,4
170	153	104	95	99.5	35	3,6

* = Production only upon request



CosmoPrint Silk

PAPER FOR PUBLICATIONS.

Why CosmoPrint Silk?

Customer benefits

- **Attractive paper appearance and profit.** High whiteness combined with high yield for profitable quality printing
- **High print quality.** Excellent print evenness, good ink transfer and dot reproduction
- **Excellent runnability and finishing performance.** Fast turnaround and high productivity

Thanks to

- Optimized whiteness and opacity
- Minimal print show-through
- Print smoothness and evenness
- Optimal ink setting and drying
- High rub resistance

CosmoPrint Silk is ideal for:

- School books
- Editorial books
- Magazines
- Promotional prints and direct mail

