PERGRAPHICA® High White Smooth

Premium uncoated design paper for an extraordinary look & feel.



PERGRAPHICA®

"Details make perfection, and perfection is not a detail." – Leonardo da Vinci.

That's why paper matters. With its look and feel PERGRAPHICA® reflects emotions that bring your story to life. Experience its distinctive shades and surfaces and you will realise – with PERGRAPHICA® anything is possible, even perfection.

- Premium design paper which combines the advantages of Offset and Digital printing – as long as the paper can handle high temperatures and pressures, electrostatic charges and toner or inks with different characteristics.
- No matter if your visions are black & white or in full colour – they'll come true.
- Coincidence may be a source of great art – but not very likely. So we tested our Pergraphica papers on Heidelberg, MAN Roland and all leading digital production presses (like HP Indigo, Canon Imagepress, Konica Minolta ...)
- If you want to add a special touch to your work – all papers are perfectly suitable for extraordinary post - print processing such as cellophaning, creasing, dye cutting, laser engraving/cutting, hotfoil stamping
- Now also available with HP Indigo certification to guarantee premium print results on HP Indigo printing presses. Thanks to special treatment of the paper for HP Indigo printing, we are able to guarantee perfect ElectroInk adhesion, blanket compatibility and machine runnability.

Certificates

Further certificates
ISO 9706 Ageing Resistance, ISO 9001, ISO 14001, Food Safety, Green Range, ISO 45001, REACH, EN71-3 Toy Safety, Free of Heavy Metals

Food Safety: SRA3 excluded

Product benefits

Its smooth surface texture enhances a sophisticated message for an elegant look and feel

The high whiteness (157 CIE) is ideal for contrast rich communication material that stands out

We recommend a commercial test run to ensure runnability on your converting and printing equipment. Paper performance can be influenced by machine settings, as well as converting and storage conditions.

Pergraphica is available in various folio finishing formats: choose from short grain (SG) or long grain (LG), as well as bulk packed or ream wrapped.

Typical applications

Books, Brochures, Magazines, Direct mail, Invitations, Annual reports, Marketing material and many more creative possibilities

Technical specification

Parameter Name	Unit	ISO code	90	100	115	120	150	170	200	240	300
Basis weight	g/m²	ISO 536	90 ± 3.0	100 ± 3.0	115 ± 3.0	120 ± 4.0	150 ± 4.0	170 ± 5.0	200 ± 6.0	240 ± 7.0	300 ± 8.0
Caliper	µm	ISO 534	107 ± 3	115 ± 3	134 ± 3	134 ± 3	170 ± 5	196 ± 6	230 ± 7	272 ± 7	336 ± 8
Roughness Bendtsen	ml/min	ISO 8791-2	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50
Opacity	%	ISO 2471	93.0 ± 1	94.0 ± 1	95.5 ± 1	96.0 ± 1	97.5 ± 1	98.0 ± 1	99.0 ± 1	100.0	100.0
Moisture abs.	%	ISO 287	5.2 ± 0.5	5.2 ± 0.5	5.2 ± 0.5	5.2 ± 0.5	5.2 ± 0.5	5.2 ± 0.5	5.2 ± 0.5	5.2 ± 0.5	5.2 ± 0.5
Brightness UV	%	ISO 2470	109.0 ± 1.5	109.0 ± 1.5	109.0 ± 1.5	109.0 ± 1.5	109.0 ± 1.5	109.0 ± 1.5	109.0 ± 1.5	109.0 ± 1.5	109.0 ± 1.5
CIE Whiteness	%	ISO 11475	157 ± 3.0	157 ± 3.0	157 ± 3.0	157 ± 3.0	157 ± 3.0	157 ± 3.0	157 ± 3.0	157 ± 3.0	157 ± 3.0

Production process certified according to ISO 9001, ISO 14001 and ISO 45001. Product is compliant with Reg. (EC) 1935/2004 when purchased in folio format or reels. If the paper is used in an application with food contact, please ask for the valid certification and our declaration of conformity. Laminated substances are excluded from food compliance. Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA