PERGRAPHICA® Natural Rough

Premium uncoated design paper for an extraordinary look & feel.

"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 –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 processingsuch as cellophaning, creasing, dye cutting, laser engraving /cutting, hotfoil stamping...

Certificates

Further certificates
CO2 neutral, ISO 9706 Ageing Resistance, ISO 9001, ISO 14001, REACH, Food Safety, EN71-3 Toy Safety, Free of Heavy Metals

Product benefits

Its rough surface texture helps you to distinguish your message and convey pure, natural look and feel

The natural whiteness (80 CIE) acts like a design element, bringing unique style and impression to printed materials

Typical applications

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

Technical specification

Parameter Name	Unit	ISO code	80	90 [1]	90 [2]	100 [3]	100 [4]	115	120	130	150 [5]	150 [6]	160	170	200
Basis weight	g/m²	ISO 536	80 ± 3.0	90 ± 3.0	90 ± 3.5	100 ± 3.0	100 ± 4.0	115 ± 3.0	120 ± 4.5	130 ± 3.0	150 ± 4.0	150 ± 5.0	160 ± 5.5	170 ± 4.0	200 ± 6.0
Caliper	µm	ISO 534	106 ± 4	117 ± 3	117 ± 4	130 ± 3	128 ± 4	150 ± 3	153 ± 5	169 ± 4	195 ± 5	202 ± 5	204 ± 6	221 ± 5	260 ± 6
Roughness Bendtsen	ml/min	ISO 8791-2	200 ± 50	350 ± 100	200 ± 50	350 ± 100	200 ± 50	350 ± 100	200 ± 50	350 ± 100	350 ± 100	200 ± 50	200 ± 50	350 ± 100	350 ± 100
Opacity	%	ISO 2471	85.5 ± 1	93.5 ± 1	87.0 ± 1	94.5 ± 1	88.5 ± 1	96.0 ± 1	91.0 ± 1	97.0 ± 1	97.5 ± 1	93.0 ± 1	94.0 ± 1	98.5 ± 1	99.0 ± 1
Moisture abs.	%	ISO 287	5.0 ± 0.6	5.2 ± 0.5	5.0 ± 0.6	5.2 ± 0.5	5.0 ± 0.6	5.2 ± 0.5	5.2	5.2 ± 0.5	5.2 ± 0.5	5.2	5.2	5.7 ± 0.5	5.7 ± 0.5
Brightness UV	%	ISO 2470	89.5 ± 2.0	109.0 ± 1.5	89.5 ± 2.0	109.0 ± 1.5	89.5 ± 2.0	109.0 ± 1.5	89.5 ± 2.0	109.0 ± 1.5	109.0 ± 1.5	89.5 ± 2.0	89.5 ± 2.0	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

Parameter Name	Unit	ISO code	240	250	300	400
Basis weight	g/m²	ISO 536	240 ± 5.0	250 ± 8.0	300 ± 10.0	400 ± 14.0
Caliper	µm	ISO 534	290 ± 7	297 ± 8	388 ± 10	510 ± 14
Roughness Bendtsen	ml/min	ISO 8791-2	200 ± 50	180 ± 50	180 ± 50	180 ± 50
Opacity	%	ISO 2471	96.5 ± 1	96.5 ± 1	97.5 ± 1	100.0
Moisture abs.	%	ISO 287	5.2 ± 0.7	5.2 ± 0.7	5.2 ± 0.7	5.2 ± 0.7
Brightness UV	%	ISO 2470	89.5 ± 2.0	89.5 ± 2.0	89.5 ± 2.0	89.5 ± 2.0

[1] Folio | [2] Folio,SRA3 | [3] Folio | [4] Folio,SRA3 | [5] Folio | [6] Folio,SRA3 |
Production process certified according to ISO 9001, ISO 14001 and ISO 45001. Product compliant with Reg. (EC) 1935/2004 when purchased in folio format or reels. Standard measurement uncertainty between laboratories is not incorporated. Production process certified according to ISO 9001, ISO 14001 and ISO 45001. Product compliant with Reg. (EC) 1935/2004 when purchased in folio format or reels. Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA