

Distinction[®] Smooth



Premium business stationery paper, woodfree, in different white shades, extra smooth finish, with or without water-mark, preprint guarantee 80 - 120 g/m², matching envelopes

Basis Weight	ISO 536	g/m ²	80	90	100	120	250	320
Thickness / Caliper	ISO 534	µm	86	97	107	128	250	315
Specific Volume / Bulk	ISO 534	cm ³ /g	1,08	1,08	1,07	1,07	1,00	0,98
Roughness (Bekk)	ISO 5627	sec.	85	85	85	85	60	60
Moisture (relative)	Tappi 502	%	5,5	5,5	5,5	5,5	6,8	6,8
Cobb value	ISO 535	g/m ²	23	23	23	23	27	27

All properties are according to mill measurements that may be subject to fluctuations which are customary within the industry

Applications

- Business stationary, Letterheads, Business cards, Compliments cards, Folders, Direct mails, Invitation cards, Vouchers, Menu cards, Tags

Technical product certificates and information

- Free from heavy metals according to EU packaging directive (94/62/EC)
- Guaranteed preprint quality for lower substances

Environmental product certificates and information

- FSC[®]
- Elemental chlorine free (ECF)



Supplier certificates

- FSC[®]
- PEFC[™]
- Quality Management System (ISO 9001)

Technical capability

Printing technologies:	Absorbent substrate that is suitable for offset, UV-offset and screen printing. A sufficient quantity of printing powder with an appropriate particle size has to be considered.
Screen ruling:	All conventional screen rulings up to 60 l/cm (150 lpi) are applicable. When using other screen technologies, tests are recommended before print production.
Printing inks:	Suitable for inks that dry by absorption and oxidation (Offset), for UV-inks and screen printing inks.
Ink drying:	The drying process of the conventional offset ink is entirely completed within 24 to 48 hours, depending on the thickness of the ink film.
Printing pressure:	Standard pressure. Slightly increased pressure on bulky papers and usage of soft rubber blankets is recommended.
Finishing:	Varnishing with overprint and water-based varnishes, as well as hot foil stamping, embossing and die-cutting are applicable. A finishing with UV-varnish has to be checked in advance and could require a pre-coating with a primer.
Hot foil stamping:	suitable
Creasing & folding:	In order to obtain the best possible folding results, the folding process has to be prepared via creasing, while the common standard values for creasing have to be considered.
Handling information:	The flatness of this paper is guaranteed at a relative humidity between 45 and 55% at a temperature between 20 and 23°C. It is recommended that the printing room has comparable climatic conditions. The paper should be kept as long as possible in the mill-wrapper before use. Extreme changes in temperature and humidity should be avoided.

For all printing and processing techniques, the recommendations of the manufacturers of machines, inks, adhesives, laminating and embossing foils, etc. are to be followed. For damages caused by faulty implementation of printing and processing, Papyrus cannot accept any liability.