

Creative paper, woodfree, white and coloured, matt finish, soft surface, high specific volume, made from 100% cotton fibres, matching envelopes

Basis weight	ISO 536	g/m <sup>2</sup>	110	300	310	450	600	900
Thickness / Caliper	ISO 534	µm	185	550	530	760	1000	1550
Specific Volume / Bulk	ISO 534	cm <sup>3</sup> /g	1,75	1,85	1,85	1,80	1,70	1,70
Cobb value	DIN EN 20535	g/m <sup>2</sup>	35	25-50	15	25-50	50	50

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

## Applications

- Invitation cards, Covers for books and brochures, Book end papers, Business cards, Compliments cards, Folders, Direct mails, Inserts, Greeting cards, Luxury packaging, Menu cards, Tags, Vouchers, Handicrafts

## Technical product certificates and information

- Permanent paper (DIN/ISO 9706)
- Aging resistance (DIN 6738)
- Free from heavy metals according to EU packaging directive (94/62/EC)

## Environmental product certificates and information

- Elemental chlorine free (ECF)

## Supplier certificates

- Quality Management System (ISO 9001)

## Technical capability

Printing technologies:	Non-absorbent substrate that is suitable for offset, UV-offset and screen printing. A sufficient quantity of printing powder with the appropriate particle size has to be considered.
Screen ruling:	All conventional screen rulings up to 60 l/cm (150 lpi) are applicable on uncoated papers and up to 80 l/cm (200 lpi) on coated papers. When using other screen ruling technologies, tests are recommended before print production.
Printing inks:	Suitable are purely oxidative drying inks (Offset), UV-inks and screen printing inks. Take care of an optimized ink-water balance.
Ink drying:	The drying process of the purely oxidative drying inks and conventional offset inks 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 compressible blankets is recommended.
Finishing:	Varnishing with oil-based varnish, water-based and UV varnish, 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 perhaps a pre-coating with a primer.
Hot foil stamping:	suitable
Creasing & folding:	For the substances of 150 g/m <sup>2</sup> and higher, the folding process has to be prepared via creasing. In order to obtain the best possible folding results, 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.