

Creative paper, woodfree, white and coloured, one side needle-embossed and both sides metallic finish

Basis Weight	ISO 536	g/m ²	340
Thickness / Caliper	ISO 534	µm	360
Specific Volume / Bulk	ISO 534	cm ³ /g	1,06
Bending resistance (L&W 15°/50mm MD)	ISO 2493-1	m/N	180
Bending resistance (L&W 15°/50mm CD)	ISO 2493-1	m/N	80
Roughness (Bendtsen) (topside)	ISO 8791-3-2	ml/min	700
Roughness (Bendtsen) (reverse)	ISO 8791-3-2	ml/min	150
Moisture (absolute)	ISO 287	%	6

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)
- Free from heavy metals according to EU packaging directive (94/62/EC)

Environmental product certificates and information

- FSC®
- Elemental chlorine free (ECF)



Supplier certificates

- FSC®
- Environmental Management System (ISO 14001)
- Quality Management System (ISO 9001)
- Occupational Health and Safety Management System (OHSAS 18001)
- Eco-Management and Audit Scheme (EMAS)

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 optimum ink-water balance.
Ink drying:	The drying process of oxidative drying 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:	Water-based and UV varnishes, as well as hot foil stamping, embossing and die-cutting are applicable.
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.
Note for Lunar black	To protect a finished piece that may be prone to friction or rub, we recommend the use of a aqueous seal to avoid the occurrence of the transference of any dyes or inks.

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.