



Gmund Kaschmir

–

PRINTING TIPS

Printing

- Offset printing
- Letterpress (not Kaschmir Cloth)
- Silk-screen printing
- Blind embossing
- Hot foil stamping
- Die cutting
- Engraving (not Kaschmir Cloth)

Recommendations for offset printing

- Screens up to 80 l/cm
- Match litho to the paper colour
- Proof printing on same paper stock
- Under colour reduction when applying strong ink coverage
- Accumulations of dust cannot be avoided and require frequent cleaning of rubber blankets

Low absorption of ink, therefore:

- Use of fully oxidative drying inks
- Humidification with alcohol around 12%
- Print dusting (min. 30 micron), low printing stacks
- Careful drying, a minimum of 24 hours. For Cloth extended drying period of approx. 48 – 72 hours; 72 hours before further processing.
- Increase pressure and use soft rubber blankets to achieve optimal covering in the dents of the paper surface when applying area printing; for Cloth not higher than 250 – 350 μ
- For both-sided prints on Cloth print on the back side first and then on the velvety front

Recommendations for laser and inkjet printing

- 100 g/m² is suitable for laser and inkjet printing in desktop applications
- The suitability for laser and inkjet printing refers to unprinted sheets in delivery format
- Further processing (offset printing, cutting to size, embossing, etc.) must not deleteriously affect the paper and its suitability for laser and inkjet printing
- Laser-compatible printing inks should be used for offset printing and only minimal amounts of dampening agents should be applied if pre-produced offset-printed sheets are intended for subsequent laser printing. An offset screen area with a maximal coverage of 40% is recommended.



Special advice

- Acid free, pH-neutral
- The paper surface can vary slightly from making to making
- Natural papers have a top side and a bottom side. It is recommended, to use the top side as the front side for the print project.
- Cloth may easily be harmed by pressure, therefore the clamping bar pressure of the cutting machine shall be reduced as far as possible and waste sheets be placed underneath and especially above the printed matter.
- Depending on the application, Cloth should be cut from the back side.
- The printing techniques of letterpress and steel engraving are not suitable for Cloth.
- Aligning the sheets within the stack is limited possible due to the substantial surface. Therefore the inseting of binder sheets for cutting and stacks of 25 sheets maximum are recommended for packaging and handling.
- For printing and processing, the recommendations of the manufacturers of machines, inks, glues, lamination and embossing foils etc. have to be followed. For any damages caused by improper application, Gmund cannot accept liability.
- Engraving is an ancient craft. The use of modern textures or metallised papers is a challenge. Tests are recommended prior to starting the print run.

Further information

- www.gmund.com