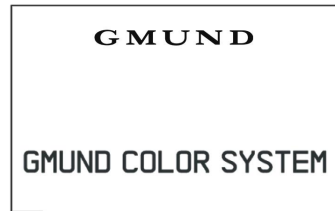


Printing Tips



GMUND COLOR SYSTEM

Screens

- o In offset printing 54 - 60 l/cm, in some cases (e. g. for dry offset or U.V. offset) up to 80 l/cm or also stochastic screens

Recommendations for offset printing

- o For coloured papers match litho to the paper colour
- o Under colour reduction and low printing stacks when applying strong ink coverage
- o Proof printing on same paper stock
- o Use of fully oxidative drying inks
- o Low ink absorption due to the paper surface condition. Careful drying, a minimum of 24 hours for Colors, a minimum of 48 hours for Contact and Subtil
- o Reduction of set-off by professional print dusting (min. 30 mikron)

Further applications

- o Gmund Colors and Contact in 100 g/m² are suitable for laser and inkjet printing in desktop applications
- o Letterpress, blind embossing, hot foil stamping, paper etching, thermography, silk-screen printing, die cutting

Finishing and processing

- o Very interesting results with blind embossing, die cutting and hot foil stamping
- o Well suitable for bookbinding and packaging
- o When applying hot foil stamping on metallised paper, moisture (e.g. through lamination) may lead to unwanted interaction such as oxidation. Transparent print varnish under the hot foil application can avoid this effect. When applying hot foil stamping on large areas on metallised paper, this proceeding is recommended.

Special advice

- o Attractive results in offset printing on all surfaces
- o Nice "milky" effects when embossing Colors Contact
- o When creasing or folding the paper, the fold should follow the grain direction. For Contact in 200 g/m² a double creasing is recommended to reduce the possibility of breaking at the fold. "Milky" effect on the edges
- o Contact is very hard and dense. Therefore for cutting it is recommended to use a slightly blunted hard alloy blade with a 26° ground angle and bevel, as well as a stack thickness of max. 5 cm

- o Transparent papers are sensitive to climatic conditions and should be stocked and processed at approx. 20°C room temperature and 50 % relative humidity
- o Chlorine and acid free, pH neutral and therefore very age-resistant

For all printing and processing techniques, 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 of Gmund paper in regards of printing and processing, Gmund cannot accept liability.