

Technical Information from GFSmith

General Information

Paper Conditioning

Text and cover is like any other uncoated stock in that it is slightly more sensitive to temperature and moisture variation. This should be taken into consideration for the more demanding job. If possible, a stable, controlled environment should be established.

Adequate time (72 hours) should be allowed, if possible, for stock to adjust and reach equilibrium with each new change in its surroundings. Paper should be kept covered or otherwise protected between operations.

Orders over £85 value are sent carriage paid by normal transport methods, within the UK mainland. Other wise minimum carriage charge is £8.50 for a standard next day delivery.

All prices are subject to VAT at current rates.

Return of our papers and envelopes will not be accepted unless prior approval has been obtained and then only in exceptional circumstances – all returns will be subject to an appropriate handling charge, minimum of 15% of invoice value.

Goods must be in perfect condition otherwise the seller reserves the right not to accept return. It is the responsibility of the printer to ascertain the suitability of any of our papers or boards for their particular process or machine and GF Smith will make available samples/proofing sheets for any tests required. Converted items will not be accepted as a return. All GF Smith's qualities are subject to British Paper and Board Trade Customs.

How to Order

Boards, covers and text papers are usually held in stock for supplying to our customers at short notice. Orders may be telephoned, faxed, emailed or written direct to us or through our representatives. In all cases we need details of sheet sizes, quantity, brand, colour, finish, weight, delivery point and any special details relating to invoicing of the goods.

Minimum Orders

25 sheets of standard stock size – Plain, Embossed or Pasted

500 pieces A4
500 Machine Made Envelopes
200 Handmade Envelopes

Embossed 1-3 days (up to 5000 sheets)

Machine Made Envelopes 5-7 days variable subject to demand.

Handmade Envelopes 7-10 days variable subject to demand.

Envelopes

Available from most of our range of papers

Machine-made DL Banker/C6 Wallet Gummed and C6/DL Wallet Peel and Stick. Window envelopes are now available in DL Wallet.

Technical Information

This latest collection of Speciality Papers' from GF Smith includes many text and cover grades' which can be used for all major print processes including, Lithography, letterpress, silk screen, blind embossing, foil blocking and die stamping. The following information is intended as a guideline to the successful printing of these speciality papers. However further help and technical information is always available from our sales offices and website; www.gfsmith.com

Lithography

Text and cover can be treated as any other uncoated paper. However, on multi-colour close register lithographic work we advise the use of long grain stock or printing on a multi-colour machine as the uncoated nature of the sheet makes it slightly more susceptible to moisture and temperature changes.

Blanket Pressure

Blanket pressure may need to be increased when printing heavy textured stocks, along with the use of more 'compressible' blankets.

Screen Size

Uncoated papers have a greater absorbency than coated stock and a screen size 133 to 175 can be used depending on a design considerations. Finer screen sizes can be used on smoother grades but do not always give improved results.

Colour Separation

Uncoated paper absorbs more ink than a coated stock and therefore good, well planned colour separations are required. It is necessary to adjust tone shape to compensate for dot gain on the press.

Ink Selection

Quick setting, positive hard drying inks are strongly recommended. Press stable (stay fresh inks) must not be used as they encourage retarded ink drying and abrasion on uncoated stock. This is particularly important when the work has large solid areas of print.

To ensure selection of the right ink, contact should be made with your ink manufacturer giving details of your project and material specification.

Varnishing

Machine or UV silk screen varnishing are both possible but, as uncoated papers have a greater absorbency than coated papers, it is recommended that the sheet is sealed with a pre-sealer before varnishing.

Foil Blocking

All our text and covers materials can be foil blocked and foils must be carefully chosen by the printer to suit the material selected.

Laser and Inkjet Printing

Trials have shown that many of our ranges are suitable for 'desktop' application. Some guidance and information is included in the stock reference charts. However A4 sample sheets are always available for limited trials prior to ordering, please contact our sales offices for further information.

Folding and Creasing

Folds in text and cover papers and boards should always be creased or scored prior to folding. For best results always crease/score parallel to the grain direction of the sheet. The most common and effective process for creasing is the letterpress process using a rule and channel matrix system.

Colorflute

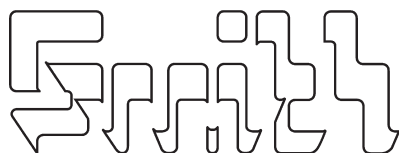
Colorflute can be die cut, de-bossed and foil blocked. Guillotining is not recommended as this may damage the Colorflute profile.

Colorlux

Colorlux is recommended for litho printing, blind embossing and foil blocking. For litho printing we recommend the use of a fully oxidising and preferably foil ink. Foil tests should be carried out by your printer to determine the suitability of certain foils.

Metallic and Mica Coated

Peregrina, Majestic, Tapestry and Treasury are all manufactured with a metallic or mica coating. All are suitable for Litho printing, foil blocking and embossing. Care should be taken when Litho printing large areas particularly with (Nature, Shimmer and Value) which contain large particles of gold pigment. These pigments can be picked off the surface if ink coverage is too great. On all these types of papers it is advisable to use a fully oxidative ink. Foil inks are also suitable.



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