

Product: Curious Collection Metallics Printing Tips

Category: Folio Papers - Specialities

Country of Origin: United Kingdom

Technical specifications:

Applications

Annual Reports, brochures, posters, report covers, greeting cards, invitations, box wraps, end papers, menus, cool stationery and very cool catalogue covers.

Compatibility

The Metal paper weight (120gsm) is compatible with most desktop laser and monochrome inkjet printers. We recommend a pre-test to check quality. The Iridescent paper weight (120gsm) is compatible with desktop, plain paper inkjet and laser printers for monochrome and simple colour graphics.

Technical Information

Please note that due to the optical effect of these papers, the print result will differ from standard uncoated sheets.

Print Techniques

Suitable for widely used print techniques, including offset lithography, letterpress, embossing, debossing, silk-screening, die stamping and foil blocking. A pre-test is recommended for thermography.

PLEASE NOTE: The unique surface of these papers will interplay with printed images in interesting ways. The distinctive metal-like surface of the papers will show through the ink and may reduce the image contrast – all as part of the designer's intended effect. By the same token, deep, solid areas of black or blue can be difficult to achieve; this is not a paper defect but a natural characteristic of metal/iridescent papers. On press, it is normal for some of the special surface coating to transfer to the blanket. Blankets are likely to require cleaning after 4,000 impressions or more.

Inks

The mill recommends using fully oxidising inks although success has been achieved using normal offset inks with additional care taken. Please consult your ink manufacturer for specific colours or formulations. Curious Collection Metallics do not contain round metals and are not foil papers.

Screen Ruling

To ensure maximum clarity, we recommend screen rulings of 150lpi. Under-colour removal may be required on jobs with large dark areas.

Varnishing

Silk-screen UV Varnishing is the only method to achieve a good gloss on this absorbent paper. Ensure sheet is pre-sealed with acrylic or glycol sealer. A matt UV varnish must be laid down prior to gloss UV varnishing. Repeat varnishing may be required. We do not recommend other machine varnishing applications.

Sealing

Sealers can be used to avoid marking during processing and handling, although the papers' metallic nature will be compromised.

Laminating

The paper accepts laminates easily, although some 'silvering' may occur. Increase laminating pressure and apply excess adhesive to help reduce silvering. Laminates will reduce or negate the metallic effect.

Spraying

We recommend using spray powder with a particle size of 35 microns or above when printing board weights.

Folding and Creasing

To guarantee good folding results, prior creasing is recommended for 250gsm. Creases should be made parallel to the grain of the bleed. A creasing rule and matrix system should be used. Fold into the bead for prominent folds.