

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

Technical Information 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. Note: The unique surface finish 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 metallic/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.

Embossed Papers The texture of these papers may compromise image detail – depending on the image – in applications using foil-blocking, blind embossing and silk-screening. Laminating is not recommended. Note that due to the limitations of the embossing process, embossed sheets may curl. A pre-test is recommended – however, in most cases no difficulties will arise in processing the embossed products.

Inks We recommend using fully oxidising inks for Curious Metallics – Metal and Iridescent. Semi-fresh inks may be used for papers in the Metal sub-range. Please consult your ink manufacturer for specific colours or formulations. Curious Metallics do not contain ground metals and are not foil papers.

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

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

Sealing Sealers can be used to avoid marking during further processing and handling, although the papers' metallic nature will be compromised. Sealing is not recommended for laser-compatible applications.

Film Lamination 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 & Creasing To guarantee good folding results, prior creasing is recommended for grammages of 170g and above. Creases should be made parallel to the grain of the board. A creasing rule and matrix system should also be used. Fold into the bead for prominent folds.

Binding & Gluing It is possible to bond Metallics sheets to themselves (duplexing) and to other materials using hot-melt or acrylic-type adhesives. When using spiral and comb-type bindings, ensure that cutters are kept sharp. Rounded holes perform best. Metallics can be saddle-stitched, section sewn and perfect bound.

Desktop Compatibility The 90g and the 120g paper weights, except Hades, are guaranteed for pre-printing and subsequent printing with all desktop laser and inkjet machines (subject to each printer manufacturer's guidance on grammage and use). If laser printing is anticipated, please use compatible inks and other materials.

Please note: ArjoWiggins has endeavoured to ensure this information is correct; however, we do not accept liability for any error or omission. We reserve the right to update this information without prior notice. For further details, please contact your paper merchant.