

Product: Curious Collection Transluents Printing Tips

Category: Folio Papers - Specialities

Mill: Arjowiggins Creative Papers (UK)

Website: www.arjowigginscreativepapers.com

Country of Origin: United Kingdom

Technical specifications:

Applications

Overlay/divider pages for annual reports, brochures, catalogues, specialty business cards, greeting cards, invitations, place cards and envelopes, books and report covers, and anything else you can think of.

Compatibility

Curious Collection Transluents are suitable for desktop laser and monochrome inkjet printing (we recommend pre-testing first).

Technical Information

Please note that due to the specialised method of manufacturing, translucent papers are sensitive to changes in humidity and require special handling.

Storage and Handling

Keep all stock in original, unopened packaging to avoid excess humidity or heat or cold. We recommend climatizing stock, in its mill packaging, to pressroom conditions for a minimum of 24 hours prior to printing. Due to density, each grammage should be treated as a lighter weight, ie: treat 72gsm as 62gsm. After each operation protect stacks with waterproof wrapping. In order to facilitate aeration, small stacks are recommended.

Print Techniques

Curious Collection Transluents are suitable for lithography, letterpress, embossing (140gsm upwards), foil blocking (72gsm upwards), die-stamping, thermography, and exography. Conne 72gsm to single colour work, for offset litho use minimal water and a fountain solution pH balance of 5. Excess water will not be absorbed from the blanket. Up to 100% alcohol can be added, so damping water will not be carried away from the blanket. To prevent set-off use 15-20 micron coated spray powder. If drying is difficult, deliver in small piles (200-500 sheets) and air frequently. Suitable for waterless lithography. Pressroom relative humidity should be 45-55% at approximately 21°C. Cover paper with plastic during production; re-climatise if humidity or temperature has changed significantly in the previous 24 hours. Please note that it is normal for the iridescent shades for some metallic finish to transfer to the blanket – which may require more frequent blanket washes than other translucent products.

Inks

We recommend fully oxidising inks or UV-dried inks, and a maximum of 1% drying agent mixed with the ink to assist drying. Adding too much dryer can detrimentally affect ink drying. With metallic inks, drying times vary widely with ink colour and coverage. In all cases, consult your ink supplier. Small pile heights and frequent airing is recommended.

Varnishing

We recommend varnishing on-line to avoid ink-drying concerns. O-line varnishing requires ink to be completely dry. Aqueous coatings are not recommended.

Spraying

Use coated spray powder of normal fineness (ie. 25 microns or less).

Trimming and Cutting

Translucent papers are dense and can chip a newly sharpened blade with grinding marks in the edge. A polished 23° bevel angle blade is ideal. Cut into small stacks with a maximum 2" (5 cm) thickness.

Folding and Creasing

For best results, Curious Collection Transluents should be folded parallel to the grain and away from the bead. Do not fold in low humidity conditions or after the paper has dried in earlier processes. Grammages less than 92gsm are not recommended for use on high-speed buckle folders, although lighter weights can be run satisfactorily at reduced speeds. For multiple folds use a ne tooth-perforating wheel. These papers are suitable for knife folding. Pre-creasing is required for weights of 150gsm and above; use a rounded creasing tool and matrix.

Finishing and Bindery

Can be saddle-stitched or perfect bound, and mechanically or laser perforated. Weights under 92gsm are not suitable for outer wraps and centres. Adhesive binding should be parallel to the grain direction. Hot-melt glues are recommended. Suitable for die-cutting. Pre-test all operations.