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Monadnock Astrolite® PC 100

Text and Cover Uncoated Paper
Printing and Handling Hints

Astrolite® Papers are easy to print on when following these simple hints. It is recommended to pre-test all printing procedures prior to press time to ensure the desired results are achieved.

Offset Inks: Print Astrolite like any conventional uncoated paper. We recommend heat resistant, wax free ink if you plan to follow lithography with xerographic or laser printing technologies. The very smooth surface might require extra drying times and short lifts are recommended.

Handling: Keep Astrolite products wrapped until the moment of printing. It is essential to let the paper acclimatize, for a minimum of 24 hours – longer during cold weather – in the press room while still wrapped in mill packaging. Keep Astrolite products covered during drying, between passes and prior to any finishing work. Pressroom conditions should be as close as possible to 68 degrees, and 45-60% relative humidity.

Varnish: Varnish is optional as a surface protector and tinted varnish can be used to achieve creative effects. A 50-50 mix of dull and gloss varnish will match the gloss level of most printing inks. Gloss varnish is not recommended as it could result in enhanced mottle or galvanization effects

Folding and Scoring: To properly score Astrolite, use a rounded channel score. It is recommended to use a minimum width of 2.5 times the caliper of the sheet to be scored, plus 28/1000". Very heavy weights should be scored with a 2-3 point bullnose channel score. Always pretest any procedures prior to production.

Binding: Astrolite is suitable for all standard binding processes. It is important to plan for proper grain direction in all binding applications. Grain direction should run parallel to the spine for optimum results.

Laser and inkjet guaranteed on all weights from 24 lb Writing up to 65 lb Cover. Heavier cover may also work, subject to printer restrictions. We recommend pretesting these heavier weights.

Digital Printing: 17 x 11, 18 x 12 and 18 1/8 x 13 3/8 are appropriate sheet sizes for a wide variety of devices such as the NexPress 2100, Xerox DocuColor iGen3 and the Heidelberg Quickmaster DI.

Hints by the thepapermillstore.com, verified by Monadnock Paper.

Note: The above recommendations are "hints" based on our knowledge and experience.

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