

CONNOISSEUR

ESTD 4 1888

Conqueror

100% COTTON

CREATIVE
POWER

by antalis

August 2024

The new Conqueror Connoisseur 100% cotton is made on a mould-cylinder paper machine, allowing to offer an exquisite light and shadow watermark as well as a single layer in 300g and in 600g.

Available in two finish Wove and Rag, from 120g with coordinated envelopes, Conqueror Connoisseur is the perfect choice for high-end corporate identity projects, luxury publishing, invitations and announcements cards.

Printing Guidelines

Screen Ruling

For optimum printing results, a 133 to 150 dpi screen should be used. Finer screens, up to a maximum of 200 dpi, can also give very good results on Connoisseur Wove with careful control of ink density. For dark, coloured images with a higher ink density, it may be necessary to remove some of the colour, depending on the quality of the image. This also reduces the drying time of the ink.

Printing Inks

Conventional positive drying inks should be used with or without infrared drying aids. UV inks can also be used. Avoid using inks that remain fresh overnight or that are stable in the. Anti-stripping spray are recommended when printing several colours. Use laser-stable inks for subsequent laser printing. Consult your ink supplier for specific projects to ensure the ink is suitable.

Litho Printing

For best results especially on Connoisseur Rag, increase the blanket pressure or use a softer blanket to ensure even ink deposit.

Varnishing

To obtain a gloss varnish, it is essential to pre-seal the surface. UV matt varnish for screen printing should be used first, followed by an application of UV gloss varnish to achieve the desired effect. Make sure you use appropriate inks before varnishing and that the inks are completely dry before applying the varnish. Not recommended for paper weights.

Blind Embossing

Blind embossing produces a final result that is attractive from the outside. For the following laser, we recommend shallow embossing to allow good feeding and avoid damaging the embossing.

Hot Foil Blocking

All finishes in the Conqueror range can be marked with film. The film blocker can recommend the most suitable film for the image and paper chosen.

Silk Screen

All finishes can be successfully silkscreened.

Office Printing

Conqueror Connoisseur is suitable for pre-printing and subsequent use on all desk-top mono and colours, laser and inkjet machines subject to manufacturers' guidance on weight and use.



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Property & Unit	Standard	Soft white
BRIGHTNESS TS/WS	ISO 2470	88±1
WHITENESS	-	76±3
C.I.E. "L" [X-Rite] TS	ISO 7724-2	97.4
C.I.E. "a" [X-Rite] TS	ISO 7724-2	-0.2
C.I.E. "b" [X-Rite] TS	ISO 7724-2	3.8

These values are to be considered only as indications and are subject to change according to trade tolerances in the quality specification. Issue date: August 2024



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Property & Unit	Standard				
GSM (g/m ²)	ISO 536	120	160	300	600
THICKNESS (µm)	ISO 534	200-220	260-300	470-530	570-630
MOISTURE CONTENT (%)	ISO 287	5.7-7.3	5.7-7.3	5.7-7.3	5.7-7.3
COBB TEST TS/WS(g/m ²)	ISO 535	20-30	20-30	20-30	20-30
ROUGHNESS [Bendtsen] TS/WS(ml/min)	ISO 8791-2	>2500	>3000	>4500	>4500
ASH CONTENT (%)	ISO 1762	3-10	3-10	3-10	3-10
WAX PICK (Dennison). TS/WS(n°)	T459	>18	>18	>18	>18

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Property & Unit	Standard				
GSM (g/m ²)	ISO 536	120	160	300	600
THICKNESS (µm)	ISO 534	136-154	178-202	275-315	705-795
MOISTURE CONTENT (%)	ISO 287	5.7-7.3	5.7-7.3	5.7-7.3	5.7-7.3
COBB TEST TS/WS(g/m ²)	ISO 535	20-30	20-30	20-30	20-30
ROUGHNESS [Bendtsen] TS/WS(ml/min)	ISO 8791-2	300±100	300±100	300±100	300±100
ASH CONTENT (%)	ISO 1762	3-10	3-10	3-10	3-10
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