

Technical specification sheet

Ball & Doggett
ballanddoggett.com.au

Product: HannoArt Plus Gloss and Silk

Category: Folio Papers - Coated Paper

Country of Manufacture: Gratkorn (Gloss 90-200), Stockstadt (Silk 90-200), Maastricht (Gloss & Silk 250-350)

Technical specifications:

Gloss											
Basis Weight	ISO 536 g/m ²	90	100	115	130	150	170	200	250	300	350
Thickness	ISO 534 µm	70	78	91	104	121	139	166	225	282	343
Bulk	ISO534 cm ³ /g	0.78	0.78	0.79	0.80	0.81	0.82	0.83	0.90	0.94	0.98
Roughness PPS	ISO 8791-4 µm	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Opacity	ISO 2471 %	92	93	95	96	97.5	98	99	99.5	100	100
Brightness	ISO 2470-2 %	96	97	98	98	98	98	98	98	98	98
CIE Whiteness D65/10%	ISO 11475 %	124	125	126	126	126	126	126	126	126	126
Gloss TAPPI 75°	ISO 8254-1 %	65	65	65	65	65	65	65	65	65	65
pH Value	ISO 6588	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7
Relative Humidity 23°C	TAPPI 502 %	50	50	50	50	50	50	50	50	50	50

These characteristics are average values supplied for guidance purposes

Silk											
Basis Weight	ISO 536 g/m ²	90	100	115	130	150	170	200	250	300	350
Thickness	ISO 534 µm	86	95	109	124	143	162	190	238	300	368
Roughness	ISO 8791-4 µm	2.5	2.5	2.2	2.2	2.0	2.0	2.0	1.5	1.7	1.9
Opacity	ISO 2471 %	92.5	94	95.5	96.5	98	98.5	99	99.5	100	100
Brightness	ISO 2470-2 %	100	100	100	100	100	100	100	100	100	100
CIE Whiteness D65/10%	ISO 11475 %	127	127	127	127	127	127	127	127	127	127
Gloss TAPPI 75°	ISO 8254-1 %	35	35	35	35	35	35	35	35	35	35
Relative Humidity 23°C	TAPPI 502 %	50	50	50	50	50	50	50	50	50	50
pH Value/Archival	ISO 6588	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7

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Certificates

- FSC Certified: Mix. ISO 14001 Environmental Management System. ISO 9001 Quality Management system. Carbon Neutral optional. EMAS certified and OHAS 18001 accredited. Food Contact approved.

Recommended Printing Tips

Under Colour Removal (UCR) is recommended for dot areas over 320%. Ideal press room conditions should be 50% $\pm$ 5% relative humidity at 20°C. Stack temperature should not exceed 37°C when infra red drying methods are used. Suitable for UV cure inks. 170gsm up should be scored before folding.

Print & Finish Suitability

☒ Creasing	☒ Foiling: 130gsm	☐ Laser
☒ Die-Cutting	☒ Folding	☒ Scoring
☐ Digital	☐ Inkjet	☒ Varnishing
☒ Embossing	☒ Film Laminating	☒ Screen Ruling: All existing half tone technologies
☐ Other:		

Applications

☒ Annual Reports	☒ Direct Mail	☐ Outdoor Use
☒ Brochures	☒ Folders	☐ Packaging
☒ Corporate Identity	☐ Invitations	☒ Presentation Material
☒ Other: Promotional material, prospectuses, calendars, magazines, photography books.		