

# Magno Matt Product Information



Magno Matt is a coated fine paper available in sheets and reels for offset printing

#### Technical specifications

Parameter	Standard	Unit															
Basis weight	ISO 536	g/m²	70	80	90	100	115	130	135	150	170	200	250	300	350	400	450
Brightness (illuminant D65/10°)	ISO 2470-2	%	98	98	98	98	98	98	98	98	98	98	98	98	99	99	100
CIE whiteness (D65/10°)	ISO 11475	%	126	126	126	126	126	126	126	126	126	126	127	127	127	127	127
Opacity	ISO 2471	%	88	90,5	92	94	95,5	97	97	97,5	98	99	98	98	100	100	100
Gloss TAPPI 75°	ISO 8254-1	%	16	16	16	16	16	16	16	16	16	15	20	20	20	20	22
Roughness PPS	ISO 8791-4	μm	3,1	3,1	3,1	3,2	3,2	3,2	3,2	3,3	3,4	4,0	2,0	2,0	2,0	2,0	1,8
Thickness	ISO 534	μm	70	80	90	100	115	130	135	152	173	210	258	309	368	420	477
Bulk	ISO 534	cm³/g	1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,01	1,02	1,05	1,03	1,03	1,05	1,05	1,06
Relative humidity (23°C)	TAPPI 502	%	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

#### Print recommendations

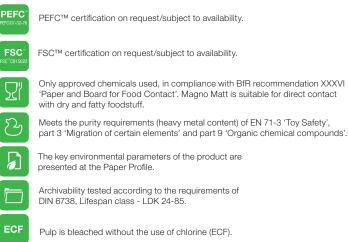
Dot area	For dot areas over 320% we recommend Under Colour Removal (UCR).					
Processing	Allow paper time to acclimatise to press room conditions before removing outer packaging. Strapping bands (if applied) should be removed shortly after delivery. Outer wrappers should be removed only when ready to print. Ideal press room conditions should be $50\% \pm 5\%$ relative humidity at 20°C.					
Finishing	Suitable for all standard finishes, foil laminating (>130 gsm), embossing and die cutting. Varnishes include: Varnishes include: dispersion, print, UV, spot, relief, iriodin, scented & acqueous.					
Converting	Pre-creasing before folding is recommended from 135 $\mu$ m thickness onwards. Crease channel width should be a minimum of 2x paper thickness plus thickness creasing knife (plus or minus 0,2 mm). Crease channel depth should $\pm$ 1.5x paper thickness. Creasing knife 2 point (0,71 mm) (this and that depending on your crease/fold device).					
Assisted drying methods	When using infra red drying methods, stack temperature should not exceed 37°C. Suitable for UV cure inks.					

### Mill Certification

<b>ISO</b> 9001	The quality of the manufacturing is managed according to the requirements of ISO 9001.
<b>ISO</b> 14001	The environmental aspects of the mill are managed according to the requirements of ISO 14001.
<b>ISO</b> 50001	The energy consumed and the emissions generated by the mill are managed according to ISO 50001.
FSC <sup>110</sup> FSC <sup>110</sup> C015022	The mills are both FSC and PEFC CoC certified, and all wood raw material origi- nates from sustainable and controlled sources.
PEFC/07-32-76	The mills are both FSC and PEFC CoC certified, and all wood raw material origi- nates from sustainable and controlled sources.
OHSAS 18001	The health and safety of the mill employees are managed according to the requirements of OHSAS 18001.
	ng of product complies with packaging and waste directive 94/62/EC (article 11). Matt is fully recyclable.

Target production values · Regional variations in specifications may apply; please contact your local Sales office for more information. Updated: 03.12.2019.

## Product Certification





Dry toner: Suitable for dry toner.