





# Magno Volume - Product Information

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

#### **Technical Product Information**

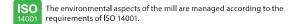
Parameter	Standard	Unit														
Basis weight	ISO 536	g/m²	80	90	100	115	130	135	150	170	200	250	300	350	400	450
Brightness (illuminant D65/10°)	ISO 2470-2	%	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	99,5	101	101
CIE whiteness (D65/10°)	ISO 11475	%	127	127	127	127	127	127	127	127	127	127	127	127	127	127
Opacity	ISO 2471	%	92	94	95	96	97	97	98	98	98.5	99	99	100	100	100
Gloss TAPPI 75°	ISO 8254-1	%	15	15	15	15	15	15	15	15	15	20	20	22	22	22
Roughness PPS	ISO 8791-4	μm	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	2.0	2.0	1.8	1.8	1.8
Thickness	ISO 534	μm	83	95	108	124	140	146	162	184	216	258	309	368	420	477
Bulk	ISO 534	cm³/g	1.04	1.06	1.08	1.08	1.08	1.08	1.08	1.08	1.08	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

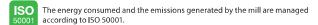
#### Print recommendations

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

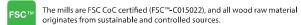
ISO	The quality of the manufacturing is managed according to the requirements of
9001	ISO 9001.











Packaging of product complies with packaging and waste directive 94/62/EC (article 11). Magno Volume is fully recyclable.

## **Product Information**

PEFC 100% PEFC certified (PEFC/07-32-76) on request/subject to availability.

FSC™ FSC Mix Credit (FSC™-C015022) on request/subject to availability.

Only approved chemicals used, in compliance with BfR recommendation XXXVI 'Paper and Board for Food Contact'. Magno Volume is suitable for direct contact with dry and fatty foodstuff.

Meets the purity requirements (heavy metal content) of EN 71-3 'Toy Safety', part 3 'Migration of certain elements' and part 9 'Organic chemical compounds'.

The key environmental parameters of the product are presented at the Paper Profile.

Archivability tested according to the requirements of DIN 6738, Lifespan class - LDK 24-85.

**ECF** Pulp is bleached without the use of chlorine (ECF).

**Dry** toner: Suitable for dry toner.

Target production values · Regional variations in specifications may apply; please contact your local Sales office for more information. Updated: 01.2025.