Gloss Coated Fine Paper (90–350 g/m²)

Origin: Europe · A coated fine paper available in sheets and reels for offset printing

PAPERMAT REF.
PM-CF-090/350

TECHNICAL DATA SHEET

TECHNICAL SPECIFICATIONS

Parameter	Standard	Unit	TARGET BASIS WEIGHT (g/m²)									
Basis weight	**ISO 536**	**g/m²**	**90**	**100**	**115**	**130**	**150**	**170**	**200**	**250**	**300**	**350**
Brightness (illuminant D65/10°)	ISO 2470-2	%	96	97	98	98	98	98	98	98	98	98
CIE whiteness (D65/10°)	ISO 11475	%	127	127	127	127	127	127	127	127	127	127
Opacity	ISO 2471	%	92	93	95	96	97,5	98	99	99,5	100	100
Gloss TAPPI 75°	ISO 8254-1	%	65	65	65	65	65	65	65	65	65	65
Roughness PPS	ISO 8791-4	µm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,0	1,0	1,0
Thickness	ISO 534	µm	70	78	91	104	121	139	166	225	282	343
Bulk	ISO 534	cm³/g	0,78	0,78	0,79	0,80	0,81	0,82	0,83	0,90	0,94	0,98
Relative humidity (23°C)	TAPPI 502	%	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% ± 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 µm 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 ± 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

- The quality of the manufacturing is managed according to the requirements of ISO 9001.
- The environmental aspects of the mill are managed according to the requirements of ISO 14001.
- The energy consumed and the emissions generated by the mill are managed according to ISO 50001.
- The health and safety of the mill employees are managed according to the requirements of ISO 45 001.
- The mills are PEFC CoC certified, and all wood raw material originates from sustainable and controlled sources.
- The mills are FSC CoC certified, and all wood raw material originates from sustainable and controlled sources.

PRODUCT INFORMATION

- 100% PEFC certified on request/subject to availability.
- FSC Mix Credit on request/subject to availability.
- Only approved chemicals used, in compliance with BfR recommendation XXXVI ‘Paper and Board for Food Contact’. 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.
- Pulp is bleached without the use of chlorine (ECF).
- Dry toner: Suitable for dry toner.
- HP Indigo: Certified for HP Indigo (90 – 350 g/m²).

Packaging of product complies with packaging and waste directive 94/62/EC (article 11). Fully recyclable.

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