

SYNAPS OM135/AP and SYNAPS OM135/AR in a nutshell

SYNAPS OM135/AP and SYNAPS OM135/AR are adhesive white opaque high grade polyester based synthetic print media with a matt finish. The suffix AP indicates Permanent adhesion power whereas AR indicates Removable adhesion power.

Water and tear resistant, SYNAPS OM is unique in the synthetic print media market in offering incomparable printability with standard offset inks. As such, it offers a true drop-in solution for offset printers for the production of print materials with particularly demanding user environment. Its antistatic properties and dimensional stability allow for flawless printing and finishing, and thanks to its exceptionally fast drying quality SYNAPS OM is extremely suitable for quick print and finish jobs. The growing range of applications includes indoor and outdoor POS signage, posters, stickers and labels, just to name a few.

Thanks to its tensile strength, SYNAPS OM135/AP and SYNAPS OM135/AR can be removed in one piece which is greatly advantageous compared to other synthetic substrates that will tear and thus force the remover to peel off an endless number of chippings.

For recommendations for printing and finishing, please consult the SYNAPS OM 'Technical Documentation' section on www.agfa.com/synaps/dedicated web page

Technical Data SYNAPS OM135/AP – SYNAPS OM135/AR Offset matt

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Property	Test method	Unit	OM135/AP	OM135/AR
Thickness Face stock Liner	ASTM D-6988	µm µm	120 ± 7 148 ± 6	120 ± 7 148 ± 6
Weight Face stock Liner Glue		g/m ² g/m ² g/m ²	135 149 ± 6 22 ± 2	135 149 ± 6 22 ± 2
Shrinkage	Internal Agfa test at 95°C/203°F	%	≤0,2	
Brittleness	Internal Agfa test	°C (°F)	≤-40 (≤-40)	
Initial tear strength	ASTM D1004	N	≥45	
Peel adhesion	AFERA 4001	N/25 mm	10 min: 6,0 – 8,0 24h: 12,0 – 14,0	10 min: 0,2 – 0,6 24h: 0,6 – 1,0
Liner adhesion	At 300 mm/min.	mN/cm	20 - 30	10 - 15
Stiffness	ISO 2493	mN	≥5	
BEKK smoothness	ISO 5627	Sec	500-1000	
Opacity	ISO 2471	%	≥92	
Brightness	ISO 2470C		≥95	
Whiteness Cie	ISO 11475		≥100	
Gloss 75°	Tappi T480		3-5	
Mass density Face stock	ISO 534	g/cm ³	1,13 ± 0,05	
Fire Class			Info upon request	Info upon request