

Synaps XM (Xerographic Matt) is a premium quality synthetic polyester medium that provides high durability without the need for lamination. It's waterproof, tearproof, weather-resistant and features a silky-smooth feel plus an anti-microbial coating.

It also has a special anti-static coating that makes for reliable, efficient printing across all major digital and multifunctional printer brands.

Process suitability

Dry Toner printing (Colour and Mono)

Applications

Outdoor signage • Point of sale displays • Menu cards • Labels • Tags

Specification					
Grammage (gsm)	135	170	230	300	375
Thickness average (mic)	120 ± 7	150 ± 8	200 ± 10	250 ± 12	300 ± 18
Shrinkage (%)	0.2	0.2	0.2	0.2	0.2
Resistance to dry ice (°C)	Tested for 5 days at -79	Tested for 5 days at -79	Tested for 5 days at -79	Tested for 5 days at -79	Tested for 5 days at -79
Initial tear strength (N)	45	58	80	100	112
Stiffness (mN) ISO 2493	5	10	25	40	85
Conductivity (Ω)	>1 x 10 ⁹	>1 x 10 ⁹	>1 x 10 ⁹	>1 x 10 ⁹	>1 x 10 ⁹
BEKK smoothness (sec) ISO 5627	125 to 215	125 to 215	125 to 215	125 to 215	125 to 215
Opacity (%) ISO 2471	87	90	93	94	95
Brightness ISO 2470C	95	95	95	95	95
Whiteness Cie ISO 11475	100	100	100	98	98
Gloss 85° ISO 2813	3 - 10	3 - 10	3 - 10	3 - 10	3 - 10
Mass density (g/cm ³) ISO 534	1.17 ± 0.05	1.18 ± 0.05	1.19 ± 0.05	1.25 ± 0.05	1.26 ± 0.05

Stock schedule					
gsm	135	170	230	300	375
320mm x 450mm	●	●	●	●	●

Credentials



The CO₂ emissions from this product can be mitigated through the Carbon Capture® programme, directly supporting the work of the Woodland Trust.

This information is given for general guidance only and is subject to change without notice.