



TECHNICAL DATA SHEET

MAGNETIC - DIGITAL PET WHITE COATED

Item	Description	Specification
Magnetic Layer	Type	Isotropic-Flexible Magnetic Sheeting – Compound
	Available Standard Thicknesses	0.10 mm (± 0.03 mm)
	Colour	White Matt
Magnetic Properties	Maximum Energy Product	0.65 to 0.75 MGOe
	Remanence	1600 – 1900 G
	Coercive Field	1200 – 1500 Oe
	Intrinsic Coercive Field	2200 – 2500 Oe
	Magnetic Pull (Magnetic Pole Width: 2,0 mm)	Thickness = 0.10 mm Pull = 6 – 8 gr/cm ²
Physical Properties	Specific Gravity	3.7 to 3.8
	Backcoating	UV hardened coated on the magnetic side
	Flexibility	Can be wrapped around a rod with a 12mm radius at 20° without cracking
	Cutting	Scissor, knife, die-cutting, and slitting can be done with ease
Temperature Resistance	End-use temperature range	- 26°C/ +55°C
	Short term resistance	66 °C

Front Layer	Type	PET Film Coated
	Thickness	100 \pm 8 micron
	Colour	White Standard
	Finish	Matt
	Shrinkage	$\geq 0.5\%$
	Surface tension	≥ 30 dyne/cm

Available sizes	1070 mm x 30 m
Printing	Digital Printing: solvent Inks (Flat-bed) after testing. Eco-solvent inks only with cold sliding surfaces.
	Screen-Printing: solvent and UV inks after testing.
	Notes: : Due to the wide variety of UV inks products and digital printing machines, testing before printing is always recommended. Some UV inks can interfere with the magnetic charge.
Storage Period	12 months on the pallets within the box; no moisture. Under ordinary conditions at the temperature mean of 22 °C (min. 12 °C, max. 32 °C) and relative humidity of 50-55%.
Backcoating	The magnetic sheeting has a UV hardened coating on the magnetic side to better clean before application.
Applications	It can be used for any kind of indoor applications: education, meetings, travel organizations, displays system, car signs, business cards, menu boards, planning boards, point of purchase.
Test	The material complies with International RoHS norms
Notes	<i>Published information is based upon research and information which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of the products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to changes without prior notice.</i>