

TECHNICAL DATA SHEET



MAGNETIC - STANDARD White Matt- Rolls & Sheets

Item	Description	Specification	
Magnetic Layer	Type	Isotropic-Flexible Magnetic Sheeting – Compound	
	Available Standard Thicknesses and dimensions for rolls	0.5; 0.6; 0.85 mm (± 0.03mm) / 0,615m - 1m +15	
	Available Standard Thickness and dimensions for sheets	0.5 mm (± 0.03mm) - 35*50 cm / 50*70 cm	
	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)	0.5 mm	18 ÷ 22 gr/cm ²
		0.6 mm	28 ÷ 30 gr/cm ²
0.85 mm		40 ÷ 44 gr/cm ²	
Physical Properties	Specific Gravity	3.7 to 3.8	
	Backcoating	UV hardened coated on the magnetic side	
	Flexibility	It can be rolled up till a minimum of 12 mm diameter at 20°C without cracking	
	Cutting	Scissor, knife, die-cutting, and slitting can be done with ease	
Temperature Resistance	End-use temperature range	- 20 °C/ +50 °C	
	Short term resistance	65 °C	
	Flammability	DIN 4102-1, B1 Class	
Front Layer	Type	Monomeric PVC Film	
	Thickness	100 ± 8 micron	
	Colour	White Standard	
	Finish	Matt	
	Shrinkage	≥ 0.8%	
	Surface tension	≥ 30 dyne/cm	
Printing	<p>Screen Printing: solvent Inks (UV inks after testing).</p> <p>Notes: : Due to the wide variety of UV inks products and digital printing machines, testing before printing is always recommended. We also recommend to use heavy inks UV with Flatbed printer.</p> <p>Attention! When die-cutting full background printed magnet, or other materials, you would observe the rising of shape edges (ink evaporation is the cause of tension surface).</p>		
Outdoor Applications	It can be used for outdoor applications (6-12 months) without guarantee for a long term durability. Exposure to severe humidity, ultra-violet light or conditions found in tropical, subtropical or desert regions will often cause a rapid deterioration.		
Storage Period	18 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	Displays system, car signs, business cards, refrigerator magnets, shelf/file labels, menu boards, toys, planning boards, education items, point of purchase, promotional items.		
REACH Regulation	Complying with the Italian Decree-Law n. 133 issued on 14.09.2009 published on the Italian <i>Gazzetta Ufficiale</i> , we inform that the substance Bis(2-ethyl(hexyl)phthalate (DEHP) is present in a concentration of 0,1%. For further information, please refer to the certified copy available of the analyses worked out on the substances taken into consideration by REACH (Registration Evaluation Authorization of Chemicals).		

Notes

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