

## **TECHNICAL DATA SHEET**



## MAGNETIC - STANDARD White Matt- Rolls & Sheets

Item	Description	Specification		
Magnetic Layer	Туре	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	0.5 mm	18 ÷ 22 gr/cm²	
	( Magnetic Pole Width: 2,0 mm)	0.6 mm	28 ÷ 30 gr/cm²	
		0.85 mm	40 ÷ 44 gr/cm²	
Phisical 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	Туре	Monomeric PVC Film		
	Thickness	100 ± 8 micron		
	Colour	White Standard		
	Finish	Matt		
	Shrinkage	≥ 0.8%		
	Surface tension	≥ 30 dyne/cm		
Printing	Screen Printing: solvent Inks (UV inks after testing).  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.  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).			
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	<b>18 months</b> 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 nbr. 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).			

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Notes

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