

Item	Description	Specification					
<b>Magnetic Layer</b>	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					
<b>Magnetic Properties</b>	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)	<table border="1"> <tr> <td>0.5 mm</td> <td>18 ÷ 22 gr/cm<sup>2</sup></td> </tr> <tr> <td>0.6 mm</td> <td>28 ÷ 30 gr/cm<sup>2</sup></td> </tr> <tr> <td>0.85 mm</td> <td>40 ÷ 44 gr/cm<sup>2</sup></td> </tr> </table>	0.5 mm	18 ÷ 22 gr/cm <sup>2</sup>	0.6 mm	28 ÷ 30 gr/cm <sup>2</sup>	0.85 mm
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<b>Physical Properties</b>	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					
<b>Temperature Resistance</b>	End-use temperature range	- 20 °C/ +50 °C					
	Short term resistance	65 °C					
	Flammability	DIN 4102-1, B1 Class					
<b>Front Layer</b>	Type	Monomeric PVC Film					
	Thickness	100 ± 8 micron					
	Colour	White Standard					
	Finish	Matt					
	Shrinkage	≥ 0.8%					
	Surface tension	≥ 30 dyne/cm					
<b>Printing</b>	<p><b>Screen Printing:</b> solvent Inks (UV inks after testing).</p> <p><b>Notes:</b> : 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><b>Attention!</b> 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>						
<b>Outdoor Applications</b>	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.						
<b>Storage Period</b>	<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%.						
<b>Backcoating</b>	The magnetic sheeting has a UV hardened coating on the magnetic side to better clean before application.						
<b>Applications</b>	Displays system, car signs, business cards, refrigerator magnets, shelf/file labels, menu boards, toys, planning boards, education items, point of purchase, promotional items.						
<b>REACH Regulation</b>	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).						