



**MAGNETIC - STANDARD**  
plain brown matt  
for Lamination and mounting

Item	Description	Specification							
<b>Magnetic Layer</b>	<b>Type</b>	Isotropic-Flexible Magnetic Sheeting – Compound							
	<b>Standard Sizes for rolls</b>	<b>Thickness (mm):</b> 0.4; 0.5; 0.75; 1.00 (± 0.03) - <b>Widths (mm):</b> 615, 820, 1000, 1370							
	<b>Standard Sizes for sheets</b>	<b>Thickness (mm):</b> 0.4 - <b>Sizes (mm)</b> 500 x 700 - 440 x 620 - 350 x 500							
	<b>Colour</b>	Plain Brown							
	<b>Safety</b>	Suitable for toys production according to <b>EN 71/Part3</b> and <b>RoHS norms</b> .							
<b>Magnetic Properties</b>	<b>Maximum Energy Product</b>	0.65 to 0.75 MGOe							
	<b>Remanence</b>	1600 – 1900 G							
	<b>Coercive Field</b>	1200 – 1500 Oe							
	<b>Intrinsic Coercive Field</b>	2200 – 2500 Oe							
	<b>Magnetic Pull</b> <i>(Magnetic Pole Width: 2,0 mm)</i>	<table border="1"> <tr> <td><b>Thickness = 0.4 mm</b></td> <td><b>Pull = 18 ÷ 22 gr/cm<sup>2</sup></b></td> </tr> <tr> <td><b>Thickness = 0.5 mm</b></td> <td><b>Pull = 28 ÷ 30 gr/cm<sup>2</sup></b></td> </tr> <tr> <td><b>Thickness = 0.75 mm</b></td> <td><b>Pull = 40 ÷ 44 gr/cm<sup>2</sup></b></td> </tr> <tr> <td><b>Thickness = 1 mm</b></td> <td><b>Pull = 55 ÷ 57 gr/cm<sup>2</sup></b></td> </tr> </table>	<b>Thickness = 0.4 mm</b>	<b>Pull = 18 ÷ 22 gr/cm<sup>2</sup></b>	<b>Thickness = 0.5 mm</b>	<b>Pull = 28 ÷ 30 gr/cm<sup>2</sup></b>	<b>Thickness = 0.75 mm</b>	<b>Pull = 40 ÷ 44 gr/cm<sup>2</sup></b>	<b>Thickness = 1 mm</b>
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<b>Physical Properties</b>	<b>Specific Gravity</b>	3.7 to 3.8							
	<b>Backcoating</b>	UV hardened coated on the magnetic side							
	<b>Flexibility</b>	It can be rolled up till a minimum of 12mm diameter at 20°C without cracking							
	<b>Cutting</b>	Scissor, knife, die-cutting, and slitting can be done with ease							
<b>Temperature and Fire Resistance</b>	<b>End-use temperature range</b>	- 26°C/ +55°C							
	<b>Short term resistance</b>	66 °C							
	<b>Flame retardant</b>	DIN 4102-01, Class B1							

<b>Printing</b>	Plain Brown line of products are not suitable for printing, but only as a support for lamination.
<b>Lamination</b>	Plain Brown line of products are suitable for any kind of lamination: cold and hot lamination with solvent glue and emulsion glue. Plain Brown can be laminated with printed, unprinted paper and apolar self-adhesive synthetic films (PVC, PET, PP). It can be made self-adhesive by laminating a double-sided adhesive film.
<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 CChemicals).
<b>Notes</b>	<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>