



MAGNETIC - STANDARD
plain brown matt
for Lamination and mounting

Item	Description	Specification							
Magnetic Layer	Type	Isotropic-Flexible Magnetic Sheeting – Compound							
	Standard Sizes for rolls	Thickness (mm): 0.4; 0.5; 0.75; 1.00 (± 0.03) - Widths (mm): 615, 820, 1000, 1370							
	Standard Sizes for sheets	Thickness (mm): 0.4 - Sizes (mm) 500 x 700 - 440 x 620 - 350 x 500							
	Colour	Plain Brown							
	Safety	Suitable for toys production according to EN 71/Part3 and RoHS norms .							
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 <i>(Magnetic Pole Width: 2,0 mm)</i>	<table border="1"> <tr> <td>Thickness = 0.4 mm</td> <td>Pull = 18 ÷ 22 gr/cm²</td> </tr> <tr> <td>Thickness = 0.5 mm</td> <td>Pull = 28 ÷ 30 gr/cm²</td> </tr> <tr> <td>Thickness = 0.75 mm</td> <td>Pull = 40 ÷ 44 gr/cm²</td> </tr> <tr> <td>Thickness = 1 mm</td> <td>Pull = 55 ÷ 57 gr/cm²</td> </tr> </table>	Thickness = 0.4 mm	Pull = 18 ÷ 22 gr/cm²	Thickness = 0.5 mm	Pull = 28 ÷ 30 gr/cm²	Thickness = 0.75 mm	Pull = 40 ÷ 44 gr/cm²	Thickness = 1 mm
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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 12mm diameter at 20°C without cracking							
	Cutting	Scissor, knife, die-cutting, and slitting can be done with ease							
Temperature and Fire Resistance	End-use temperature range	- 26°C/ +55°C							
	Short term resistance	66 °C							
	Flame retardant	DIN 4102-01, Class B1							

Printing	Plain Brown line of products are not suitable for printing, but only as a support for lamination.
Lamination	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.
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 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).
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>