

## Adhesive Magnetic

Item	Description	Specification	
Magnetic Layer	Type	Isotropic - Flexible Magnetic Sheeting – Compound	
	Colour	White matt	
	Thickness	500 my ± 5% (total thickness 600 my)	
Magnetic Properties	Maximum Energy Product	0.65 to 0.75 MGOe	
	Pull	28 ÷ 30 gr/m <sup>2</sup>	
	Remanence	1600 – 1900 G	
	Coercive Field	1200 – 1500 Oe	
	Intrinsic Coercive Field	2200 – 2500 Oe	
Physical and Thermal Properties	Specific Gravity	3.7 to 3.8	
	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 used with ease	
	End-use temperature range	- 26°C/ +55°C (short term resistance at the maximum temperature of 66 °C)	
White Front Layer	Type	Monomeric PVC Film	
	Thickness	100 my ± 5%	
	Colour	White Standard	
	Finish	Matt	
	Shrinkage	≥ 0.8%	
	Surface tension	≥ 30 dyne/cm	
Adhesive	Adhesive	Thin carrier coated on both sides with acrylic adhesive.	
	Characteristics	Initial high tack, high adhesion on most substrates, low adhesion on PP and laminated PVC substrates.	
	Resistance	Good resistance to water, detergents and alcohol. Low resistance to plasticizers and low outdoor resistance. Its use in contact with aliphatic or aromatic hydrocarbons is not recommended.	
	Test	Value	Test method
	Initial Tack	≥ 100	FTM 9
	Applied on stainless steel, peeled at 180° angle (N/25mm)	25 After 20 minutes	FTM 1
		28 After 24 hours	FTM 1
Shear Stress (hours) - 500g - 15mm x 15mm	> 1	FTM 8	
Available sizes and code	Width 1020 mm - Length 15 m - <b>MGSA-10260-WM</b>		
Printing	Generally speaking, this product is not suitable for printing, but it is only used as a base on which you can apply the Ferro Film PP, PVC and PET, or the Magnetic PP, PVC and PET. The Adhesive Magnetic, in fact, is used to create a magnetic wall or panel, which can be both brown and white, because it is not provided for printing. However, the Adhesive Magnetic WHITE is suitable for printing with eco-solvent and UV inks. Because of its notable thickness, it is advisable to print it with a flat-bed printer with vacuum plates; no problem, instead, when screen printing with inks suited to PVC material.		
Applications	This adhesive product is ideal if you want to create magnetic walls and it can be used in an innovative way for the advertising in shops. The use of the matched products (Adhesive Magnetic + Ferro Film offers massive possibilities of application for the mounting, the quick replacement (zero times of removal) or the multiple overlapping (up to 6 layers of Ferro Sheets) during fashion shows, conferences, photographic services, advertising in shops and for teaching works. The Adhesive Magnetic can also be used for short-term outdoor applications (3-6 months), without guarantee for a long term durability. The exposure to high level of humidity, to UV radiation or to the climate conditions of tropical, subtropical or desert regions will cause a rapid deterioration. Since the glue and the liner are face out, <b>for a better and safer installation we recommend to use the heat gun to void the existing memory shape of the compound.</b>		
Backcoating	Acrylic glue 30g/m <sup>2</sup> - Paper liner 120 g/m <sup>2</sup>		
Storage Period	12 months on pallets inside the box and with proper stoppers; no moisture. Under ordinary conditions at the mean temperature of 22 °C (min. 12 °C, max. 32 °C) and relative humidity of 50-55%.		
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 SVHC (Substances of Very High Concern) are present in concentrations less than 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	<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>		