



FERRO white PVC
with adhesive

Item	Description	Specification	
Front Layer	Product code	MGSFSA-10260-WM	
	Type	Monomeric PVC Film	
	Thickness	100 ± 8 micron	
	Colour	White Standard	
	Finish	Matt	
	Shrinkage	≥ 0.8%	
Physical and thermal Properties of the composite	Surface tension	32 ÷ 34 dyne/cm	
	Specific Gravity	3,8 to 4,5 g/cm ³	
	Thickness	0.5 mm (total thickness 0.6 mm)	
	Flexibility	It can be rolled up till a minimum of 10 mm diameter at 20°C without cracking	
	Cutting	Scissors and knife can be used with ease, the same is for die-cutting and slitting.	
	Magnetic Receptivity (anchorage level)	22 g/cm ²	
	Installation temperature range	min. 8°C - max. 30°C	
	End-use temperature range	-10°C / +60°C	
	Short term resistance	80°C	
Adhesive	Adhesive	Thin carrier (120 g/m ²) coated on both sides with acrylic adhesive (30 g/m ²)	
	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	Width 1020 mm - Length 15 m - Ferro film thickness: 0.6 mm
Printing	Generally speaking, this product is not suitable for printing, but it is only used as a base on which you can apply the the Magnetic PP, PVC and PET. The Adhesive Ferro in fact, is used to create a ferrous wall or panel, which can be both brown and white, because it is not provided for printing. However, the Adhesive Ferro 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 magnet-receptive walls and it can be used in an innovative way for the advertising in shops. The use of the matched products (Adhesive Ferro + Magnet Sheet) offers massive possibilities of application for the mounting, the quick replacement (zero time 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 white surface can guarantee a better looking for your final applications, even without special matched products on top. The Ferro film is most welcome in public places (like kindergartens and nurseries) where children can play safe. The Adhesive Ferro film 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, for a better and safer installation we recommend to use the heat gun to void the existing memory shape of the compound.
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 n. 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>