

TECHNICAL DATA SHEET



FERRO SHEET PP
White matt

Item	Description	Specification
Front Layer	Product Code	MGSFPP-1023030-WM - MGSFPP-1273030-WM
	Type of Resin	Ethylene compound (Polypropylene)
	Colour	White Standard
	Thicknesses - micron	300 ± 8% (100my PP + 200my basic steel film)
	Widths - cm	102 - 127
	Printing surface finish	Matt - Gloss value 12 - 16
Physical Properties	Surface tension	32 ÷ 34 dyne/cm
	Shrinkage	0.8 ÷ 1.4 %
	Specific Gravity	1,15 to 1,25
	Flexibility	It can be wrapped around a rod with a 6mm radius at 20°C without cracking.
	Cutting	Scissors and knife can be used with ease, the same is for die-cutting and slitting . It is ideal for horizontal cutting plotter and for print-and-cut machines.
	Magnetic Receptivity (anchorage level)	680g/sqm
Temperature Resistance	Installation temperature range	min. 8°C - max. 30°C
	End-use temperature range	-10°C / +60°C
	Short term resistance	80°C

Magnetic VisualComm Set	Important! Ferro Sheet PP can be overlapped up to 3 layers. It is one of the component of the set for the new market of Magnet VisualComm. Once printed, it can be applied - one layer on top of another and so on - on a surface of magnetic self-adhesive already stuck on a wall, or, for quick demonstrations, on adhesive strips.
Applications	The use of Ferro Sheet PP, to be applied on magnetic surfaces, offers massive possibilities of application for the mounting, the quick replacement (zero times of removal) or the multiple overlapping during fashion shows, conferences, photographic services, advertising in shops and for teaching works.
Printing	Ferro Sheet PP enables an excellent printability and a perfect chromatic rendering with the following printing technologies: Offset: UV Curable inks. Screen-Printing: light solvent and UV Curable inks. Flatbed Digital Printing: eco-solvent, UV Curable inks (you will get the best printing results when 12 picolitres print-heads - 8 steps) and Latex (tested on HP L26500 and HP Series 300). Notes: 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. Attention! 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).
Safety Caution	Ferro Sheet PP portends a large development in the future thanks to the perfect color rendering of images and, especially, because it is a true eco-friendly product (totally PVC free). Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 and published on the Italian Gazzetta Ufficiale, we inform that the product does not contain hazardous substances related to REACH (Registration Evaluation Authorization of CHemicals). It is, therefore, totally recyclable, no special precautions are required.
Storage Period	18 months on the pallets within the box; no moisture. Under ordinary conditions at the mean temperature of 22 °C (min. 10 °C, max. 35 °C) and relative humidity of 40-60%.
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>