

ITEM	DESCRIPTION	SPECIFICATION
COMPOSITION	TYPE:	ISOTROPIC - Flexible Magnetic
		Sheeting in rolls
	LAYERS:	SURFACE: 100µ white matt vinyl
		BASE: Brown magnetic 300µ
	TOTAL THICKNESSES:	0.40 mm (± 5%)
	MAGNETIC PULL:	0.40 mm / 15 ÷ 18 g/cm ²
	MAGNETIC POLE WIDTH:	2 mm
	MAXIMUM ENERGY:	0.35 to 0.65 MGOe
	REMANENCE:	1600 – 1900 G
COERCIVE FIELD:	1100 – 1350 Oe	
INTRINSIC COERCIVE FIELD:	2100 – 2400 Oe	
PHISICAL PROPERTIES	SPECIFIC GRAVITY:	3.2 to 3.5
	FLEXIBILITY:	- It can be rolled up till a minimum of 8 mm diameter 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.
TEMPERATURE RESISTANCE	END-USE TEMPERATURE RANGE:	- 20°C / + 50 °C
	SHORT TERM RESISTANCE:	65 °C
	FLAMMABILITY:	DIN 4102-1, B1 Class
WHITE FRONT LAYER	RESIN TYPE:	Monomeric vinyl film (coated)
	THICKNESS:	100 ± 8 micron
	COLOUR:	White Standard
	FINISH:	Matt
	SHRINKAGE:	≥ 0.8%
	SURFACE TENSION:	≥ 30 dyne/cm

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PRINTING

SCREEN PRINTING:

Solvent and UV Curable inks (*tests before printing are recommended*).

DIGITAL PRINTING:

Eco-solvent, UV Curable inks and Latex (*tests before printing are recommended*).

NOTES:

Due to the wide variety of UV inks products and digital printing machines, tests before printing are always recommended. Some UV inks may interfere with magnetic poles. Avoid high polymerization to minimize the "brittle effect" (easy flaking of the ink) and maintain the typical magnetic softness without incurring the risk of the cracking of the surface.

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).

APPLICATIONS

The product is ideal for the Magnet VisualComm. It has been designed for print-and-cut works. It is mainly used for display systems, car signs, business cards, refrigerator magnets, shelf/file labels, menu boards, toys, planning boards, education items, POS, promotional items.

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%.

SAFETY CAUTION

REACH - Complying with the Italian Decree-Law number 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale, we inform that the substances SVHC (Substances of Very High Concern) are present in a concentration lower than 0,6%. For further information, please ask for the updated regulation of SVHC taken into consideration by REACH (Registration Evaluation Authorization of Chemicals).

NOTES:

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.