

DATA SHEET

(for Flexible Magnetic Sheeting)

Product Description: Flexible Magnetic Sheeting with Matt/gloss White PVC Film

Standard Thickness: 0.4mm, 0.5mm, 0.6mm, 0.7mm, 0.8mm, 0.9mm (± 0.03 mm)

Standard Width (+3mm/-0) x Standard Length (+0.5M/-0):

0.4mm: 0.62 *40m, 0.65 *40m, 1.00 *30m

0.5mm: 0.62 *30m, 0.65 *30m, 1.00 *30m, 1.27 * 20m, 1.52 *20m

0.6mm: 0.60 *30m, 1.00 *20m

0.7mm: 0.61 *30m, 1.00 *15m, 1.20 *10m

0.8mm: 0.62 *30m, 1.00 *10m

0.9mm: 1.00 *10m

Magnetic Properties

Maximum Energy Product: 0.65 to 0.75 MGOe

Remanence: 1600-1900 G

Coercivity: 1200-1500 Oe

Intrinsic Coercivity: 2200-2500 Oe

Physical Properties

Composition: Magnetic particles 90% + CPE 10%.

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking.

Specific Gravity: 3.5 to 3.8 g/cm³

Cutting: Scissor cutting, knife-cutting, die-cutting, and slitting can be done with ease.

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Magnetic Pole Width: 2.0mm

Thickness of Magnetic Material	Magnetic Pull (g/cm ²)
0.5mm (620mm width)	28
0.5mm (1000mm width)	26
0.5mm (1020mm width)	28
0.75mm (620mm width)	53
0.75mm(1000mm width)	46

Temperature Resistance

End-use temperature range: - 20°C / + 55°C

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Short term resistance: 65°C

Back Coating: The magnetic sheeting has a UV hardened coating on the magnetic side.

PVC FILM

Outdoor Applications: Low to medium outdoor resistance properties depending on exposure conditions.

Printability:

Screen Printing: Solvent-based Inks	Yes
Screen Printing: UV Cure Inks	Yes
Conventional Offset Printing	Yes

Notes:

1. Thickness refers to the net thickness,
2. Please consult ink supplier.

Main Application

- 1) Crafts, toys, games, magnetic signs, displays, production control (or visual aid) systems, warehouse shelf labeling, door gaskets, door and cabinet closures, small tool and instrument holders, movable markers, advertising premiums, magnetic business cards, architectural planning layouts, etc.
- 2) Home use: For keep your stuff in the right place such as remote controller, tools kit, decorating etc. Office use: Applying as a document label, or stick it at memo note, calendar etc.
- 3) Industry use: Applying as a stock label or stick at bulletin board.
- 4) Educational use: Applying for instruction equipment or as a material for invention. Magnet Strip has many sizes for your more convenient work