

STANDARD THICKNESS

0.4mm(± 0.03 mm)

STANDARD WIDTH

610mm (+3mm/-0)

STANDARD LENGTH

40M (+0.5M/-0)

MAGNETIC PROPERTIES

Maximum Energy Product: 4.1-4.5KJ/m³
Remanence: 145-155mT
Coercivity: 95-100KA/m
Intrinsic Coercivity: 145-155KA/m

PROPERTIES

Magnetic powder content: 85 \pm 5 wt%
CPE content: 10 \pm 5 wt%
With UV back coating on one-side

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Magnetic Pole Width with 2.0mm

Thickness of Magnetic Material	Magnetic Pull (g/cm ²)
0.4mm	≥ 14

PHYSICAL PROPERTIES

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

Specific Gravity: 3.3 to 3.4g/cm³

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

RESISTANCE

End-use temperature range: - 30°C / + 55°C

Short term resistance: 65°C

Resistant to water, detergents and alcohol.

Low resistance to plasticizers and low outdoor resistance.

Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

BACKCOATING

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

Important:

Before using the media the user must examine the suitability of the media for each application. We shall not assume liability for non-performance of the media. Specifications are subject to change without notice.

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

Dangerous substances: does not contain any dangerous substances.

The time of shelf life: the products are permanent magnet, which can be used all the time if the magnetic force does not be destroyed.

Notes:

1. Thickness refers to the total thickness, i.e. thickness of magnetic sheeting plus thickness of PVC film.
2. Please consult ink supplier.

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