

Magnetic foil

PRODUCT DATA SHEET

PRODUCT CODE: BM705 white

PRODUCT DESCRIPTION: Flexible Magnetic Sheeting with Matt White PVC Film

STANDARD THICKNESS¹: 0.4mm, 0.5mm, 0.75mm (± 0.03 mm)

STANDARD WIDTH: 615mm (+3mm/-0)

STANDARD LENGTH: 30M (+0.5M/-0)

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 to 0.75 MGOe

Remanence: 1600-1900 G

Coercivity: 1200-1500 Oe

Intrinsic Coercivity: 2200-2500 Oe

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Magnetic Pole Width: 2.0mm

Thickness of Magnetic Material	Magnetic Pull (g/cm ²)
0.4mm	20
0.5mm	29
0.75mm	45

PHYSICAL PROPERTIES

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

Specific Gravity: 3.7 to 3.8 g/cm³

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

TEMPERATURE RESISTANCE

End-use temperature range: - 20°C / + 50°C

Short term resistance: 70°C

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

PVC FILM

Outdoor Applications: BM understands that this PVC film can be used for outdoor applications but BM gives no guarantee to its durability. Exposure to severe humidity, ultra-violet light or conditions found in tropical, subtropical or desert regions will often cause a rapid deterioration.

Printability:

Screen Printing: Solvent-based Inks	Yes
Screen Printing: UV Cure Inks	No
Conventional Offset Printing	Yes ²

Notes:

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