

FLEXIBLE MAGNETIC MATERIALS | PRODUCT DATA SHEET

ISO 9001 and ISO 14001 Certified
Version 1.0

PRODUCT DESCRIPTION: FLEXIBLE MAGNETIC SHEETING WITH MATT WHITE PET FILM

CONSTRUCTION:

- TOTAL THICKNESS¹:** 0.5mm (+0.03/-0.04mm)
- White PET 0.1mm
 - Magnetic Receptive Layer 0.4mm

STANDARD WIDTH : 1000mm (+3mm/-0)
STANDARD LENGTH : 20M (+0.2M/-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

Pole Pitch: 2.0mm
Magnetic Pull: 18 g/cm²

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking
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: 65°C

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

PET FILM

Printability:

Large Format Digital Printer: Solvent-based inks	Yes
Large Format Digital Printer: UV Inks	Yes

Notes:

1. Thickness refers to the total thickness, i.e. thickness of magnetic sheeting plus thickness of PET film.
2. Users should do preliminary tests to confirm printability before production. Printing problems may occur on certain machines due to ink problems or other technical problems not to our knowledge.

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