

TAPECONCURRENT

Product datasheet 9967 Magnetic tape

PRODUCT DESCRIPTION:

Flexible Magnetic Sheeting with Outdoor Gloss/Matt White PVC Film

STANDARD THICKNESS:

0.5mm, 0.6mm, 0.9mm (Vehicle grade) ($\pm 0.03\text{mm}$)

STANDARD WIDTH:

620mm, 1000mm, 1020mm, 1270mm (+3mm/-0)

STANDARD LENGTH:

10M, 20M, 30M (+0.5)

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/cm²)

0.25mm	≥ 8
0.4mm	≥ 17
0.5mm	≥ 24
0.75mm	≥ 30
0.75mm vehicle grade	≥ 55
0.9mm	≥ 41
1.50mm	≥ 47
2.0mm	≥ 67

PHYSICAL PROPERTIES

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

Specific Gravity: 3.5 to 3.7 g/cm³

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

TEMPERATURE RESISTANCE

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

Short term resistance: 65°C

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

PVC FILM

Outdoor Applications: 2-year durability under Middle European exposure conditions. Exposure to severe humidity, ultra-violet light or conditions found in tropical, subtropical or desert regions will cause a more rapid deterioration.

Printability:

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

Notes:

1. Thickness refers to thickness of magnetic sheeting only. It does not include thickness of PVC film. Thickness of PVC film is 0.10mm.
2. Screen Printability with UV cure inks deteriorates with time. We strongly recommend users to use the product within 6 months after date of production when screen print with UV inks is involved in the application.

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