

PRODUCT DATA SHEET

CarMag Matt White

PRODUCT DESCRIPTION: CarMag: Outdoor Flexible Magnetic Sheeting with matt white PVC film

STANDARD THICKNESS: 0.85mm (+/- 0.03mm)

STANDARD WIDTH: 620mm (+3mm/-0)

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

GROSS WEIGHT: 60 KG

MAGNETIC PROPERTIES

Maximum Energy Product: 0.65 – 0.75 MGOe

Remanence: 1600 – 1900 G

Coercivity: 1200 – 1500 Oe

Intrinsic coercivity: 2200 – 2500 Oe

Pole width: 2.0 mm

Magnetic pull: 55 g/cm²

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

MATERIAL PROPERTIES

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

PVC FILM

The outdoor durability is two years under Middle European conditions. Exposure to severe humidity, UV light and/or conditions found in (sub)tropical or desert regions will cause a more rapid deterioration.

Suitable for printing with:

Screen	●	Litho/Offset	●
Flexo	tbc	Thermal/Toner-based	○
Latex	tbc	(eco)Solvent	●
UV-Cured	●	Digital/Offset	●
Waterbased / Dye	○	Pigment	○

Legend: ●=good // ●=average // ○=not advisable

Storage:

The material should be stored horizontally. Avoid sunlight and keep temperature between 10 and 30 degrees Celcius.

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