

PRODUCT DATA SHEET Mastermag 0.9 mm

PRODUCT DESCRIPTION: Flexible Magnetic Sheeting with matte white PVC film

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

STANDARD WIDTH: 620 mm (+3 mm/-1)

STANDARD LENGTH: 30 M (+0.6 M/-0)

GROSS WEIGHT: 56 KG

MAGNETIC PROPERTIES

Maximum Energy Product: 0.45 - 0.55 MGOe

Remanence: 1600 - 1900 G

Coercivity: 1200 -1500 Oe

Intrinsic Coercivity: 2200 - 2500 Oe

Pole width: 2.0 mm

Magnetic pull: 28 g/cm²

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12 mm 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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