

FLEXIBLE MAGNETIC MATERIALS | PRODUCT DATA SHEET

ISO 9001 and ISO 14001 Certified
Version 1.0

PRODUCT DESCRIPTION: ANISOTROPIC FLEXIBLE MAGNETIC SHEETING – NATURAL PRODUCT CODE: **BM708**

Standard Thicknesses: 0.5mm, 0.75mm, 1.0mm , 1.5mm and 2.0mm
Standard Lengths: 10m, 15m, 20m and 30m

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

Thickness of Magnetic Material	Width	Magnetic Pole	Magnetic Pull (g/cm ²)
0.50mm (+/- 0.03mm)	615mm	2.0mm	38
0.75mm (+/- 0.05mm)	615mm	2.0mm	70
1.00mm (+/- 0.05mm)	615mm	2.0mm	88
1.50mm (+0.08mm / - 0.10mm)	615mm	2.0mm	90
1.50mm (+0.08mm / - 0.10mm)	1000mm	2.0mm	90
2.00mm (+0.10mm / - 0.15mm)	615mm	2.5mm	110
2.00mm (+0.10mm / - 0.15mm)	1000mm	2.5mm	100

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking
Specific Gravity: 3.6 to 3.7g/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.

Notes:

1. Plasticizer Content meets EU standards. BM708 may be incompatible with certain adhesives due to the presence of plasticizers.

IMPORTANT NOTICE

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