

## Magnetic Materials

Order code	Manufacturer code	Description
37-2005	n/a	MAGNETIC SHEET-NO ADHESIVE A4X0.75MM R.E

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007



## PRODUCT DATA SHEET

**PRODUCT CODE:** MAXMAG PLAIN (PM101)

**PRODUCT DESCRIPTION:** Flexible Magnetic Sheeting - Plain

**STANDARD THICKNESS:** 0.4mm, 0.5mm, 0.75mm (+/- 0.03mm)

**STANDARD WIDTH:** 625mm (+3mm/-0)

**STANDARD LENGTH:** 30M (+0.5M/-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

Magnetic Pole Width: 2.0mm

Thickness of Magnetic Material	Magnetic Pull (g/cm <sup>2</sup> )
0.4mm	20
0.5mm	29
0.75mm	53

### 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/cm<sup>3</sup>

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.