

## MAGNETIC SHEETING

**PRODUCT DESCRIPTION: FLEXIBLE MAGNETIC SHEETING WITH MATT WHITE AND COLOURED PVC FILM**  
**PRODUCT CODE: 25.64.1--**

Standard Thicknesses: 0.5mm, 0.6mm, 0.85mm ( $\pm 0.03$ mm) and 1.1mm  
Thickness refers to the total thickness, i.e. thickness of magnetic sheeting plus thickness of PVC film.  
Standard Widths: 615mm (+3mm/-0) and 1000mm (+3mm/-0)  
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 the magnetic material	Polarity	Magnetic pull (g/cm <sup>2</sup> )
0.50 mm EM	2.0 mm	12
0.50 mm PM	2.0 mm	20
0.60 mm	2.0 mm	29
0.85 mm	2.0 mm	45
1.10 mm	2.0 mm	46

### PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking.  
Specific Gravity: 3.7 to 3.8 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: - 20°C / + 50°C  
Short term resistance: 70°C

### BACKCOATING

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

### PVC FILM

Outdoor Applications: this PVC film can be used for outdoor applications but there is no guarantee to its durability. Exposure to severe humidity, ultra-violet light or conditions found in tropical, subtropical or desert regions will often cause a rapid deterioration.