



Vidal d.o.o
 Pod jelšami 8
 1290 Grosuplje
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VIDAL

PRODUCT DATA SHEET

PRODUCT DESCRIPTION: Isotropic Flexible Magnetic Sheeting - Plain Brown

MATERIAL GRADE: Premium Grade

STANDARD THICKNESS: 0.4mm, 0.5mm, 0.7mm, 0.8mm (+/-0.03mm)

STANDARD WIDTH: 620mm, 650mm, 1000mm, 1200 mm(+2mm/ -0mm)

STANDARD LENGTH: 10/15/30/60/100m (+0.8m / -0mm)

MAGNETIC PROPERTIES:

Maximum Energy Product BH(max) : 0.5 to 0.65 MGOe

Remanence BR: 1650-1850 GS

Coercivity HCB: 1250-1550 Oe

Intrinsic Coercivity HCJ: 1900-2800 Oe

MAGNETIC POLE PITCH AND MAGNETIC PULL:

Thickness of The Material (mm)	Magnetic Pull (g/cm ²)	
	1.5mm pole pitch	2.0mm pole pitch
0.3	>=15	>=11
0.4	>=19	>=17
0.5	>=28	>=23
0.6	>=31	>=29
0.7	>=36	>=34
0.76	N/A	>=38
0.8	N/A	>=41
0.9	N/A	>=46
1.0	N/A	>=48

☒ For thickness over 0.7mm, 1.5mm pole pitch is not recommended.

PHYSICAL PROPERTIES:

Working temperature: -15 o to 160 oF (-26o-70o C)

Hardness: Shore D40

Multi-pole spacing: pole pitch is depended on thickness, please refer to the above magnetic pole pitch and magnetic pull.

Flexibility: At 68 oF, can be coiled to a 1/2" (12.7mm) radius without cracking.

Specific Gravity: 3.6 to 3.7g/cm³

SURFACE TREATMENT:

The magnetic sheeting can be laminated with adhesive, PVC or paper on the non-magnetized side, and with a UV protection coating on the magnetic side, the UV coating is available in Matt or Gloss finishing. All thicknesses listed on our sales documents are magnet thickness only, PVC and adhesive thickness will be additional. Thickness of PVC is 0.1mm, and thickness for adhesive with liner paper is 0.17mm.

PACKING:

Long material be wrapped in a roll with Dia3" carbon core, the sheet be stacked one by one in box or on pallet with paper in between every 50 sheets or 100 sheets.

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