

MAG111

MAGNETIC TAPE



Product data

Standard thicknesses	0.4mm, 0.5mm, 0.75mm (+/- 0.03mm) and 2.0 (+/0.08mm)
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 magnetic material	Magnetic Pole	Magnetic\Pull (g/cm²)
0.40 mm	2.0 mm	12
0.50 mm	2.0 mm	29
0.75 mm	2.0 mm	45
1.00 mm	2.0 mm	46
1.50 mm	2.0 mm	53
2.00 mm	2.0 mm	59

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 ³
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.

Certificates**REACH**

Altec certifies that MAG111 magnetic tape does not contain substances of very high concern (SVHC) according to REACH regulation EC1907/2006 last updated 19 January 2021 last published on SVHC list by ECHA.

The below web link holds information on the restricted materials within REACH. The so called SVHC list is periodically updated by the ECHA organization.

<https://echa.europa.eu/candidate-list-table>

Disclaimer

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