

# 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/cm <sup>2</sup> )
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 <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.

### 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

Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.