

A103

MAGNETIC TAPE



Product data

| | | | |
|----------------------|----------------------------|---|----------------|
| Standard thicknesses | 0.5mm (+/- 0.03mm) | | |
| Standard widths | 15 / 23 / 45 / 75 / 100 mm | | |
| Standard lengths | White / Yellow | : | 15 / 30 meters |
| | Other colors | : | 10 meters |

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 ²) |
|--------------------------------|---------------|------------------------------------|
| 0.50 mm | 2.0 mm | 29 |

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/knife-cutting can be done with ease for widths: 15 / 23 / 45 / 75 mm |

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 A103 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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