

## ► Product Description

Isotropic magnetic strip, adhesive on the non magnetic side, A POLE

- **THICKNESS:** 1.5 mm (+/- 0.1 mm)
- **STANDARD WIDTH:** 12.7 mm (+/- 0.3), 25.4 mm (+/- 0.3)
- **STANDARD LENGTH:** 30 m (+/- 0.2)

## ► Magnetic Properties

- **Maximum Energy Product:** 0.65 to 0.75 MGOe
- **Remanence:** 1600-1900 G
- **Coercivity:** 1200-1500 Oe
- **Intrinsic Coercivity:** 2000-2500 Oe

## ► Magnetic pole width and magnetic pull

- **Pole pitch:** 3,175 mm, A pole
- **Magnetic pull:**  $\geq 60\text{g}/\text{cm}^2$

## ► Physical properties

- **Flexibility:** Can be wrapped around a rod with a 12mm radius at 20°C without cracking
- **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:** 65°C

## ► Backcoating

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

**Adhesive:** double side acrylic based tissue tape with white liner (polycoated paper).

### Test item:

Thickness (mm)		0.16mm $\pm$ 0.01 mm
Initial Tack (cm)	PSTC-6	<27 cm
180° Adhesion (kg/inch)	ASTM-D1000	>2.0 kg/inch
Holding Power (hrs/inch <sup>2</sup> )	PSTC-7	>168 hrs/inch <sup>2</sup>
Temperature Test	60°C / 1kg (hrs/inch <sup>2</sup> )	>72 hrs/inch <sup>2</sup>

*Note: The above performance features are based on an average result of tests and careful calculations. They are put forward in good faith but are not guaranteed before a formal contract. The end-user should check the suitability of the product for its intended use and consult us for any doubt about particular applications.\**