

MG-PA1530-12A



MAGNETIC STRIP
A Pole

PRODUCT DESCRIPTION: Isotropic magnetic strip, adhesive on the non magnetic side, A POLE

THICKNESS 1.5 mm (+/- 0.1 mm)
STANDARD WIDHT 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 WIDHT AND MAGNETIC PULL

Pole pitch: 3,175 mm, **A pole**

Magnetic pull: $\geq 60\text{g/cm}^2$

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 RESISTENCE

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:

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 ²)	PSTC-7	>168 hrs/inch ²
Temperature Test	60°C / 1kg (hrs/inch ²)	>72 hrs/inch ²
<p>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.</p>		