

TAPECONCURRENT

Product datasheet

9969A Magnetic Extrusion Strip with PET

PRODUCT DESCRIPTION:

Magnetic Extrusion Strip with PET backed and a tackyified acrylic, pressure-sensitive adhesive

STANDARD THICKNESS:

1.5mm (+/- 0.1mm) STANDARD WIDTH: 12.7mm (+/- 0.25mm)

STANDARD LENGTH:

30M (+/- 1%) NUMBER OF POLES: 5

MAGNETIC PROPERTIES

Maximum Energy Product: 0.66 to 0.8 MGOe

Remanence: 1600 G

Coercivity: 1200 Oe

Intrinsic Coercivity: 1800 Oe

MAGNETIC POLE WIDTH AND MAGNETIC PULL

Magnetic Pole Width: 3.175MM

Thickness of Magnetic Material

1.5mm

Magnetic Pull (g/cm²)

≥ 53

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking

Specific Gravity: 3.6 to 3.8 g/cm³

Cutting: Scissor cutting, knife-cutting and die-cutting can be done with ease.

TEMPERATURE RESISTANCE

End-use temperature range: - 30°C / + 55°C

PRESSURE SENSITIVE ADHESIVE

Adhesive: Consists of a thin transparent PET carrier coated on both sides with modified acrylic adhesive. It offers high tack, peel and shear properties.

Characteristics: High adhesion on most substrates, transparent red MOPP liner.

Resistance: Humidity and aging resistance classified as very good.

Resistance to chemicals and softeners classified as good.

Adhesive Data (values in N/cm)	Initial Tack	Tack after 14 days
ABS	9.8	10.8
Steel	11.3	13.4
Aluminium	9.6	12.2
PC	11.7	13.1
PE	5.2	5.7
PET	9.3	10.5
PP	5.3	7
PS	10.2	11.1
PVC	8.9	11.9

Storage:

The pancake rolls should be stored flat with siliconized paper in between the rolls and between the rolls and bottom/top of carton box. Avoid sunlight and keep temperature between 10 and 20 degrees Celcius.

Use on vehicles:

If using on vehicles then refer to "Car Care Instructions", available on request.