

FEATURES

- Extruded flexible magnetic material
- Easily cut to length
- Adhesive backed for quick fixing
- Multiple poles on one face
- Up to 30m long reel lengths
- Up to 55g/cm² pull force rating

RS PRO Magnetic Tape Strip

RS Stock No.: 2655635, 2655636

2655637




RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

- Our Magnetic Tape Strip can be cut to length for use in creating magnetic displays / magnetic signage. The Magnetic Tape Strip is flexible and very easy to cut to length for convenience. It is a Strontium Ferrite magnetic material combined with a thermo-plastic binder.
- It is magnetised multiple poles on one side only; the other side has the adhesive layer and release liner.
- The adhesive layer is 0.04-0.05mm thick (rough guide) - it is not included in the thickness values (so, without the release liner, a 0.75mm thick tape would actually measure about 0.80mm thick). The adhesive layer is a standard acrylic adhesive covered with a protective quick release liner. Once you have cut the Magnetic Tape to your required length (using scissors or a craft knife) simply peel away the protective adhesive liner and firmly press the adhesive layer onto the part you want it to adhere to. The adhesive is a pressure adhesive - it needs a firm press to get the adhesive to work properly. The standard acrylic adhesive is ideal for applying to cardboard and paper.
- Magnetic Performance is stated as a pull force per unit of surface area and is dependent on the magnetic material thickness. The higher rated materials work better through gaps such as sheet(s) of paper - 0.75mm is rated at 44g/cm² (0.625lb/in²). Above 60 degrees C the magnetic pattern will soften and weaken; below -20 degrees C the magnetic material risks starting to demagnetise. It is usually used against ferrous surfaces such as steel tape, fridge doors, etc. It can also be used against another Magnetic tape but bear in mind the polarities may not line up in attraction perfectly. This cut/slit from a larger magnetic sheet into 12.7mm widths that are 100mm long
 - the way it is cut means that it is magnetised multiple pole along its length so it may not overlap perfectly against itself lengthways and will not align well against 'A', 'B' or 'Self-Mating' magnetised pattern tapes. For note, the more surface area used, the more the magnetic tape will hold onto the surface. For maximum performance, you need direct contact - as soon as you put anything in the way, the pull force starts to reduce.

General Specifications

Magnet material type	Isotropic Strontium Ferrite in a binder
Magnetic Application	Magnetic Tape Strip
Temperature Range	-40°C to +60°C (-40°F to +140°F)
Backing material	Acrylic adhesive backed layer with release liner
Width	Varies – see Similar Products list below
Length	Varies – see Similar Products list below
Thickness	Varies – see Similar Products list below
Magnetic Poles Layout	Varies – see Similar Products list below
Specific Magnetic Polarity Type	Varies – see Similar Products list below
Magnetic Pull Force rating	Varies – see Similar Products list below
Method to cut to length	Cut to required length using scissors or craft knife
Release liner	Plasticized material 

Similar Products

Stock No.	Brand	Length	Width	Height	Pull force rating	Specific Polarity Type	Weight	Units per pack
2655635	RS PRO	10m	20mm	0.75mm	up to 55g/cm ²	'B' (across width)	4.2kg	1
2655636	RS PRO	30m	20mm	1.5mm	up to 55g/cm ²	'Self-Mating' (across width)	3.3kg	1
2655637	RS PRO	30m	25.4mm	1.5mm	up to 44g/cm ²	'B' (across width)	4.2kg	1