NEODYMIUM Power-Magnetic tape 1000 x 6 x 1.5 mm self-adhesive | 6 mm

Product number: NMF-1000x6x1.5-sk

Now available from us: The first magnetic tapes made of neodymium - open u

For many years the magnetic foils and tapes could only be made from ferrite material. stronger foils, the neodymium magnetic foil was developed.
Neodymium-iron-boron is mostly used for the production of so-called super magnets. A here in the smallest of spaces.

Our neodymium magnetic foils achieve a much higher adhesive force than normal mag areas where the adhesive force achieved by the ferrite foils was not sufficient before.

These power neodymium tapes have an adhesive force of 415 g/cm²

For comparison: adhesive force of a normal magnet made of ferrite: 102 g/cm²

Advantages:
- elastic and flexible
- Can be cut to size with a craft knife or sturdy scissors

Width:	6,0 / 10,0 / 15,0 / 30,0 / 50,0 / 80,0 mm
Thickness:	1,5 mm
Roll of:	1 meter
Magnetization:	isotropic
Magnetization quality:	R6
Temperature range:	- 40°C bis + 100°C
Adhesive force:	415 g/cm²
Adhesive:	3M 9448
Weight:	0,048 / 0,080 / 0,120 / 0,240 / 0,400 / 0,600 kg / piece
Shore D hardness D:	> 30
Pole spacing:	5 mm

The technical data for this product can be found in our Technical specifications

Technical specifications

Lenght:	1 m	**Width:**	6 mm
Adhesive force:	415 g/cm²	**Material:**	Neodymium
Magnetization quality:	R6	**Weight:**	45 g

Adhesive:	3M 9448A

Production information and safety instructions

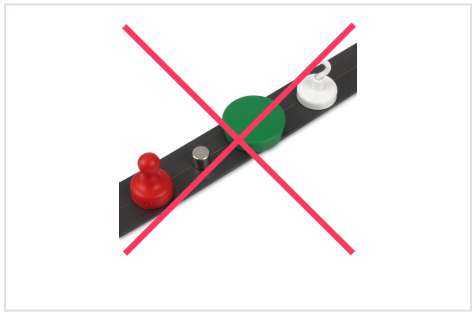
Determination of the magnetic force

The adhesive force of our magnets is determined at room temperature on a polished plate made of steel S235JR (ST37) with a thickness of 10 mm by the vertical withdrawal of the magnet (1kg ~ 10 N). A different value down to -10% compared to the specified value is possible in exceptional cases. In general, the value is exceeded. Please note that for thinner, painted and not absolute plan undergrounds the adhesive force represents only one raction of the specified values.

⚠ Please observe our safety instructions for this product.

Manufacturer:	magnets4you GmbH, Bgm.-Dr.-Nebel-Str. 15a, 97816 Lohr a. Main, Deutschland, service@magnet-shop.net

Product images

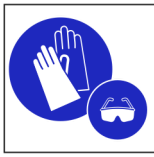


Important safety instructions for handling our magnets!

Permanent magnets and magnetic materials require special precautions. Please read the instructions carefully before use. If you have any further questions, please feel free to contact us. The company „magnets4you GmbH“ rejects any liability arising from improper handling of the magnets.

Handling

Increased caution with children:
Keep magnets away from children! Danger of swallowing and serious injuries!



When handling strong magnets, pay attention to appropriate safety measures and protective clothing. Before use, remove all magnetic objects and use protective gloves and glasses.

No mechanical processing and collisions!
Incorrect handling of the magnets leads to a loss of the magnetic effect and to the destruction of the magnet. In addition, highly flammable drilling dust and other significant health risks are caused by the following hazards.

Danger from magnets

Injuries
Improper handling of magnets can lead to bruises, contusions, or even broken bones.

Splinters
Magnets are brittle. Collisions cause small parts to splinter, which leads to health hazards and damage to the magnet.

Magnetic fields
Strong magnets can endanger and destroy electronic and mechanical components (pacemakers, data carriers, credit cards, electronic devices, etc.).

Persons with cardiac pacemakers must not expose themselves to magnetic fields.

Other Risks
- Many magnets have coatings that some people are allergic to. You should therefore avoid excessive skin contact with raw magnets
- Health hazards when they encounter food and drinking water. Only use magnets that are specifically designed for this area!

Transportation and shipping

When shipping magnets, applicable regulations for stray magnetic fields during air transport must be observed (IATA dangerous goods regulations). These provisions also apply to built-in magnets.

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