

Magnet Blog

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Magnet Recommendation



How strong are flexible rubber ferrite magnets?

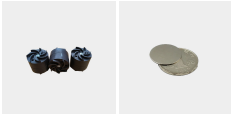
🕒 2025-08-04 15:01:56 📁 Magnet Blog 👁 124 Views

In everyday life and office settings, flexible rubber magnetic sheets (also known as soft magnetic sheets) are widely used in areas such as refrigerator magnets, advertising stickers, teaching whiteboards, and curtain fasteners due to their soft, bendable, and easy-to-cut properties. However, many people are concerned about how strong this soft magnet actually is and how much weight it can bear.

[Flexible disc rubber ferrite magnetic sheet with 3M adhesive backing](#)

Patent Owner 1LSS
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molding 62 64
Gauss Calculator
ferrite poles
ring for axial
fan m encoder
disk 2



Injection- Strong
molded thin flat
ferrite circular
magnetic magnet
rotor 20mm
with dia x
helic 0.5mm

Magnet FAQs

1. What is a thin walled deep hole magnet?
2. Can injection molded magnets replace traditional magnetic material
3. Why don't asynchronous motors use magnets in their rotors?
4. What factors affect the magnetization effect of magnets?
5. Is N52 grade neodymium magnet definitely stronger than N35 grade?

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The image below shows the load-bearing capacity data table for circular rubber soft magnets, with 1.5 mm and 2 mm as the reference values.

Diameter	1.5mm Thickness	2mm Thickness
20 mm	Approx. 25 g	Approx. 30 g
25 mm	Approx. 40 g	Approx. 50 g
30 mm	Approx. 55 g	Approx. 70 g
35 mm	Approx. 70 g	Approx. 90 g
40 mm	Approx. 90 g	Approx. 120 g
50 mm	Approx. 120 g	Approx. 160 g
60 mm	Approx. 150 g	Approx. 200 g

Rotary Encoders?
Gauss Calculator

7. What temperature
do ferrite magnets
begin to
demagnetize?
8. Is the ID of the
Hall effect
magnetic ring
clearance fit or
interf
9. Which Home
Appliances Use
Magnets?
10. Why are holes dug
at the corners of
some embedded
rotor magnet slo

Keyword Tags

Motor
Magnet
Grade

Flywheel
Magnets

RotaryNeodymium
encoderMagnets
made

38EH0.5mm
MagnetsDiameter
Magnets

Drive
Pump
Magnets

Connector
Magnets

Bottle
Cap
Magnets

N56
Magnets

while anisotropic ferrites have stronger load-bearing capacity.

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As can be seen from the table, the larger the diam [Get a Quote](#)

stronger the magnetic force. The thicker the thickness, the stronger the magnetic force. For every 5mm increase in diameter, the load-bearing capacity increases by approximately 20-30 g (depending on thickness).

The surface magnetic strength of flexible rubber ferrite is generally around 200-500 Gauss, while rubber neodymium magnets can reach 1200 Gauss.

Due to the limited load-bearing capacity of flexible rubber magnets, they are only suitable for light-load applications, such as refrigerator magnets, magnetic bookmarks, magnetic photo frames, small magnetic stickers for teaching whiteboards, magnetic cards for advertising display boards, and temporary metal surface labels.

The above is an introduction to the strength of flexible rubber magnets. This type of magnet can be processed or cut into various shapes without damaging its magnetic properties. Customers who wish to purchase in bulk are welcome to contact us for more information.

Introduction to related flexible magnets;

What Are Strong Flexible Magnets?

Four incorrect installations of flexible rubber magnets

Difference between isotropy and anisotropy of rubber magnets

Patent Owner ILSS

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Price Type

Gauss Calculator

16mm 5mm

pot Neodymium

magnets

Hot Applications

of

Pressed Ring

Magnets Magnet

Rare

Radially earth

magnetized joint

magnet venture

Magnets 25mm

toy Neodymium

recall Magnets

Tiny Ferrite

cylinder magnets

magnets with

holes

Large Gas

hole Meter

magnets

6

17mm inch

neodymium bar

magnets magnet

Bar Rubber

magnets magnet

length installation

1 Electric

inch rice

ferrite cooker

core magnet

Prev: 1/16 x 1/32 Inch Magnets [Pull Gauss Uses]

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0.01mm

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Encoder Magnets

Flow Signal Sensor Rotor Magnetic

Ring

Difference Between Encoder

Magnetic Ring and Ordinary

Magnetic Ring

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Magnet
temperature
limits

ABOUT US



NST Magnet Factory was established in 2009, and the company is located in Dongguan, China. The company's competitive products include high-performance/ultra-thin & flat/precision/special shaped rare earth neodymium powerful magnets, multi-pole sintered or injection molded ferrite magnets for motors, and arc segment magnets, which can be customized completely according to your drawing requirements, Is your worthy choice magnet supplier.

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