

Magnet Set Ultra Strong – Technical Data Sheet



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1. Description

Our Ultra Strong Magnet Set contains four neodymium magnets of \varnothing 29mm or \varnothing 23mm. The magnets are a metallic grey with a flat shape with two distinctive sides. They consist of a magnet, with a steel housing and a nickel coating.

2. Surface

Neodymium magnets stick to ferromagnetic materials like iron, nickel and steel. The magnets will not stick to copper, aluminium and stainless steel, because they are not ferromagnetic materials. The Neodymium magnets stick to MagnetPaint and MagnetPlaster because they are produced with a special ferromagnetic component.

3. Usage

The \varnothing 23mm magnets from our Magnet Set can hold up to 14 sheets of A4 paper on three layers of MagnetPaint (30+ on iron). \varnothing 29mm magnets will hold 19 sheets of A4 Paper (40+ on iron). On very smooth vertical surfaces however, heavier objects might slide down. In this case you can use more magnets until the object holds.

4. Storage

There are no special requirements to be met by storage rooms. The Magnets should be stored in a dry place, and not together with oxidizing and acidic materials.

5. Specifications

Diameter:	23mm.	29mm.
Colour:	Metallic grey.	Metallic grey.
Height:	7,5mm.	8mm.
Weight:	18g.	32g.
Magnet:	NdFeB N35.	NdFeB N35.
Steel housing:	ST37.	ST37.
Glue:	LOCTITE 326.	LOCTITE 326.
Coating:	Nickel.	Nickel.
Max. Temperature:	80°C.	80°C.
Density:	7,80 kg/L.	7,80 kg/L.
Pull Force:	10 kg.	13 kg.
Magnetic Remanence:	11900 Gauss.	11900 Gauss.
Magnetic Coercive Force:	10900 Oe.	10900 Oe.
Curie Temperature:	310°C.	310°C.

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. In case of queries please request our technical assistance.