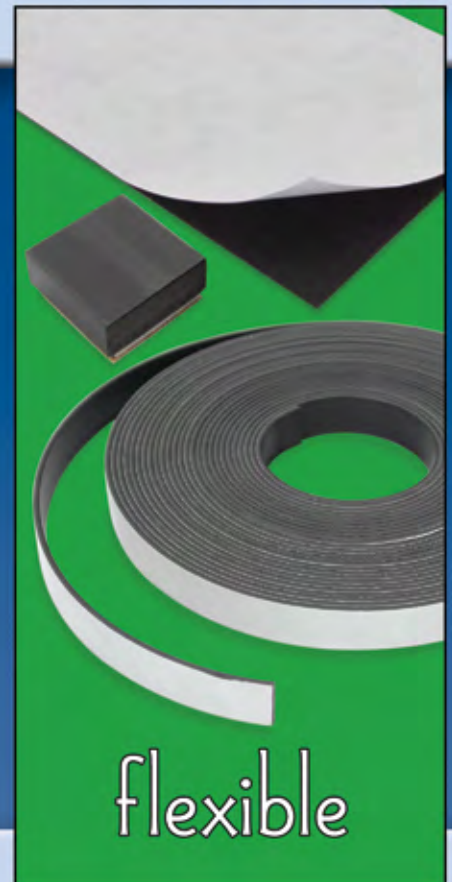


MAGNETS

bulk craft & hobby



MASTER MAGNETICS, INC.



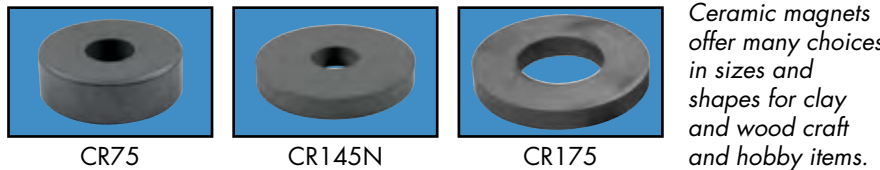
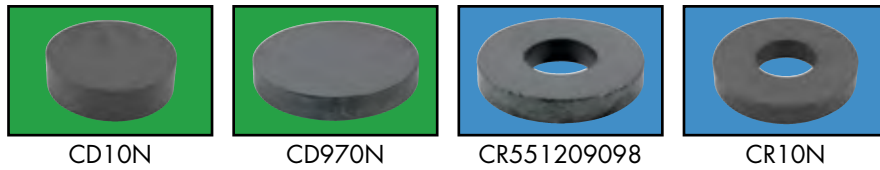
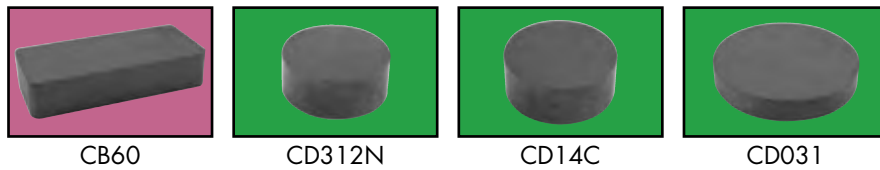
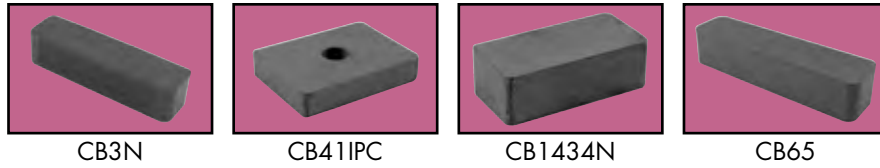
magnetsource.com

ceramic magnets



Ceramic Magnets are strontium ferrite blocks and discs used in the craft industry to make craft projects magnetic. They are very strong for their size and are receptive to most adhesives, such as epoxies and hot glue.

Oriented Ceramic Magnets Available in grades 1, 5 and 8. The higher the grade, the stronger the magnet.



Ceramic magnets offer many choices in sizes and shapes for clay and wood craft and hobby items.

Ceramic Block Magnets Grade 5

Part No.	Dimensions/Inches		
	Thick	Width	Length
CB3N	0.197	0.227	0.874
CB41IPC†	0.197	0.750	0.984
CB1434N	0.250	0.375	0.750
CB65	0.393	0.400	1.875
CB60	0.393	0.875	1.875

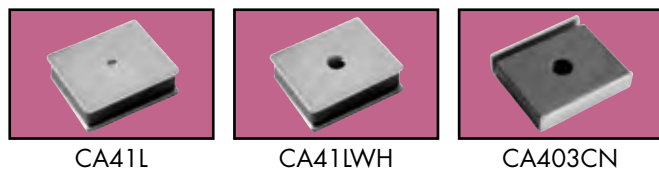
Key: † = Magnet has a .195" hole

Ceramic Disc Magnets

Part No.	Dimensions/Inches			Grade
	Diameter	Thick		
CD312N	0.3125	0.125		5
CD14C	0.472	0.197		8
CD031	0.500	0.100		5
CD10N	0.709	0.197		8
CD970N	0.970	0.156		8

Ceramic Ring Magnets

Part No.	Dimensions/Inches			
	Outer Dia.	Inner Dia.	Thick	Grade
CR551209098	0.551	0.197	0.098	8
CR10N	0.689	0.296	0.113	8
CR75	0.750	0.250	0.250	1
CR145N	1.250	0.375	0.187	5
CR175	1.750	0.865	0.225	5



Ceramic Magnet Assemblies

Assemblies can be used as powerful latches for cabinet doors. Also hold key rings, name plates and utensils.

Part No.	Dimensions/Inches			Pounds Pull
	Thick	Width	Length	
CA41L *	0.312	0.8125	1.0	12
CA41LWH *	0.325	0.800	1.0	12
CA403CN **	0.250	0.875	1.0	7

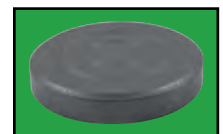
Key: * = Fitted between two zinc-plated steel pole pieces. ** = Fixed into a zinc-plated steel channel. This magnet has a .125" hole

Ceramic Disc Magnets

Multi-Poled

These discs are magnetized with multiple poles, on one side only, making them as strong as possible.

Part No.	Dimensions/Inches	
	Diameter	Thick
CD985MP	0.985	0.200
CD150	1.500	0.187



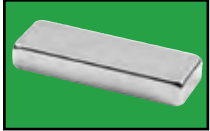
CD985MP



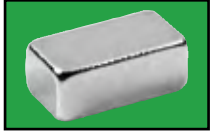
CD150

neodymium magnets

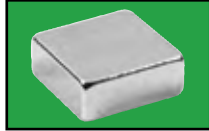
Neodymium Magnets (Nd-Fe-B) are composed of neodymium, iron, boron and a few transition metals. These rare earth magnets are extremely strong for their small size, metallic in appearance and found in shapes of blocks, discs and rings. Need a magnet size not listed? We have many other sizes available. Call today and allow us to help you find the correct size for your application.



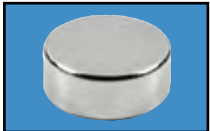
NB0781547N-35



NB11325N-35



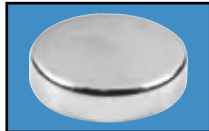
NB12525N-35



ND146N-35



ND145N-35



ND060N-35



ND144N-35



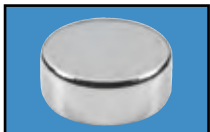
ND187N-35



ND2012N-35



ND103N-35



ND140N-35



ND143N-35



NR152N-35



NR741N-35



NR007403N

Neodymium Block Magnets Grade 35

Part No.	Dimensions/Inches		
	Thick	Width	Length
NB0781547N-35	0.074	0.153	0.467
NB11325N-35	0.100	0.130	0.250
NB12525N-35	0.100	0.250	0.250
NB112660N-35	0.110	0.260	0.600
NB188S375N-35	0.188	0.188	0.375
NB30N-35	0.230	0.230	0.750

Neodymium Disc Magnets Grade 35

Part No.	Dimensions/Inches	
	Diameter	Thick
ND18703N-35	0.187	0.030
ND308N-35	0.187	0.060
ND18725N-35	0.187	0.250
ND022N-35	0.197	0.059
ND146N-35	0.250	0.100
ND145N-35	0.250	0.200
ND283N-35	0.250	0.250
ND003106N	0.315	0.118
ND060N-35	0.375	0.100
ND144N-35	0.375	0.200
ND187N-35	0.375	0.250
ND2012N-35	0.375	0.375
ND004700N	0.472	0.118
ND103N-35	0.500	0.125
ND140N-35	0.500	0.200
ND143N-35	0.500	0.250
ND007000N	0.709	0.118

Neodymium Ring Magnets Grade 35

Part No.	Dimensions/Inches		
	Outer Dia.	Inner Dia.	Thick
NR152N-35	0.375	0.125	0.060
NR741N-35	0.745	0.450	0.100
NR007403N	0.740	0.375	0.105

Note: All of the above magnets are nickel plated and magnetized through the thickness. Tolerances: $\pm .020$ on diameter, $+ .005$ on thickness. Other sizes and grades may be available on request. All dimensions approximate.

Items in this catalog listed in gray are in stock but not pictured.



neodymium & flexible magnets

Neodymium grade 35 nickel plated magnet disc with pre-applied .030 acrylic foam adhesive saves assembly time in a variety of applications. Two ways to use:

1. Magnet to Magnet – Use a North and a South magnet for added strength and “Snap-to” positioning. Magnets match up at same “Snap-to” spot every time.

2. Magnet to Steel Disc – Use a North magnet attracted to a steel disc for cost savings. Strength is slightly less than magnet to magnet. Magnet will attract to steel, but may not match up with same spot every time.

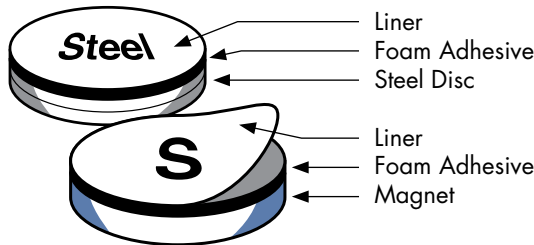
Use on cabinets, lockers, doors, cases, chests, displays, closures and purses. Acrylic foam adhesive allows magnets to adhere to most surfaces.



Neodymium Disc Magnets with Adhesive

Part No.	Pole	Dia./In.	Magnet to Magnet, approx. lbs. pull	Magnet to Steel Disc, approx. lbs. pull
FSND2506N	N*	0.25	1.0	0.75
FSND2506S	S	0.25	1.0	0.75
FSND3706N	N*	0.375	1.8	1.5
FSND3706S	S	0.375	1.8	1.5
FSND5006N	N*	0.50	2.5	2.2
FSND5006S	S	0.50	2.5	2.2
FSND7506N	N*	0.75	3.3	2.9
FSND7506S	S	0.75	3.3	2.9
FSS5006	–	0.50	Steel Disc	
FSS7506	–	0.75	Steel Disc	

All discs are nickel plated, 0.06” thick with 0.03” acrylic foam adhesive tape. NEO-35 discs have magnetic pole printed on adhesive liner. Let acrylic foam adhesive cure for at least 24 hours before use. * = For magnet to steel or magnet only applications please order North pole marked magnets – we stock more of these.



FSND2506N



FSND3706S



FSND5006N

Flexible Magnetic Sheeting with Adhesive

Part No.	Dimensions/Inches		
	Thick	Width	Length
ZG202x3.5AB	0.020	2.0	3.5
ZG302x3.5AB	0.030	2.0	3.5
ZG0153.5X5AB-F	0.015	3.5	5.0
ZG203.5X5A-F	0.020	3.5	5.0
ZG2046FF	0.020	4.0	6.0

Note: All of the above magnets have tolerances of +/- .060 on length and width.

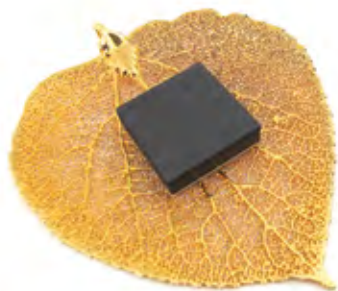
Flexible Magnetic Sheeting with Adhesive for photos and business cards is ideal for various school, office, craft and hobby projects. Peel liner and apply magnetic sheeting to photos, schedules, artwork, business cards, greeting cards and more. Display those creations on refrigerators, lockers, filing cabinets and any other ferrous metal surface. Choose from several different sizes. Thicker sheeting offers additional magnetic strength, and powerful craft adhesive is intended for indoor applications.



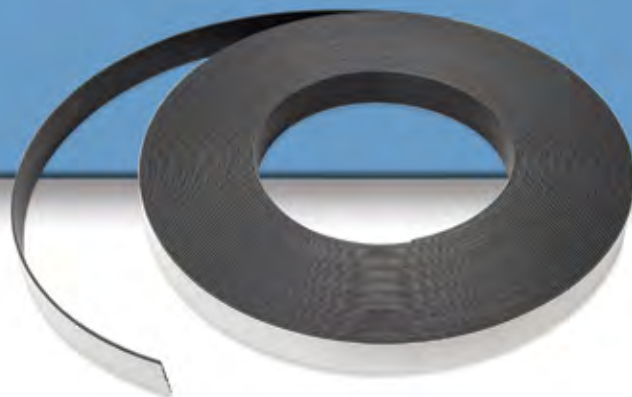
ZG2046FF

flexible magnets

Flexible Magnets are excellent for making small and light-weight craft projects magnetic. Peel away paper liner to expose powerful indoor craft adhesive, then affix square, circle or strip to object. Cuts easily with scissors or hobby knife.

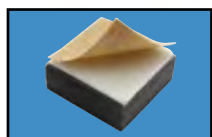


Attach flexible magnet squares and circles to lightweight projects.

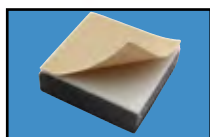


ZG10AC

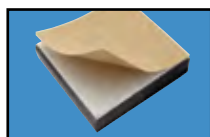
Cut magnetic tape to desired length. Remove paper liner and stick to any lightweight craft project. Custom cutting available.



0.187" thick



0.125" thick



0.060" thick

Flexible Magnet Squares with Foam Adhesive

Recommended for porous and uneven surfaces.

Part No.	Dimensions/Inches	
	Thick	Size Square
ZG10X5AF	0.060	0.50
ZG3X75AF-R	0.125	0.75
ZG4X10A-AF-F	0.125	1.00

50' Rolls, Scored (Not available as individual pieces)

PSM001803 •	0.187	0.50
PSM001802 •	0.187	0.75
PSM001801 •	0.187	1.00

Key: • = High energy material with 1.4 MGO makes it slightly stronger than flexible material (see chart on back cover).

PrintMagnet™ high quality paper is backed with a flexible magnetic material. Ideal for printing your own computer images, photos and other illustrations. Easily cut with scissors or a hobby knife. Also available in rolls from 12" to 42" wide.

Business cards yield ten 3.5" x 2" cards per perforated sheet.

PrintMagnet™ Inkjet Printable Magnetic Sheeting

Part No.	Description	Dimensions/Inches		
		Thick	Width	Length
ZGPM8.5X11W-F	8.5" x 11", matte white paper	0.09	8.5	11.0
ZGPM8.5X11WBC-F	8.5" x 11", matte white paper, perforated to yield ten 3.5" x 2" business cards	0.09	8.5	11.0
ZGPM4X6GWPQ-F	Photo quality glossy white paper	0.012	4.0	6.0

ZIP-GRIP™ Flexible Magnet Strip with Adhesive

Part No.	Dimensions/Inches		
	Thick	Width	Length
ZG05AC	0.060	0.25	100 ft.
ZG10AC		0.50	
ZG30AC		0.75	
ZG40AC		1.00	
ZG60AC		1.50	
ZG80AC		2.00	

Also available with other adhesives and widths.



ZGN60APAADC.B.5



ZG6010DCB-F

Flexible Magnet Circles with Adhesive

Part No.	Dimensions/Inches	
	Thick	Diameter
ZGN60APAADC.B.5 *	0.060	0.50
ZG6010DCB-F	0.060	1.00

Key: * = 12 pieces on one slab



neodymium latch magnet kits

Neodymium Latch Magnet Kits are easy to use! Simply attach the magnet in a steel cup to one surface and the strike plate to the other to make a secure closure. Counterbore a hole in the wood for flush mounting. Available in 5 sizes with magnetic pull strengths ranging from 2 to 30 pounds. Each kit includes neodymium magnetic steel cup, strike plate, noise buffering pads and mounting screws.

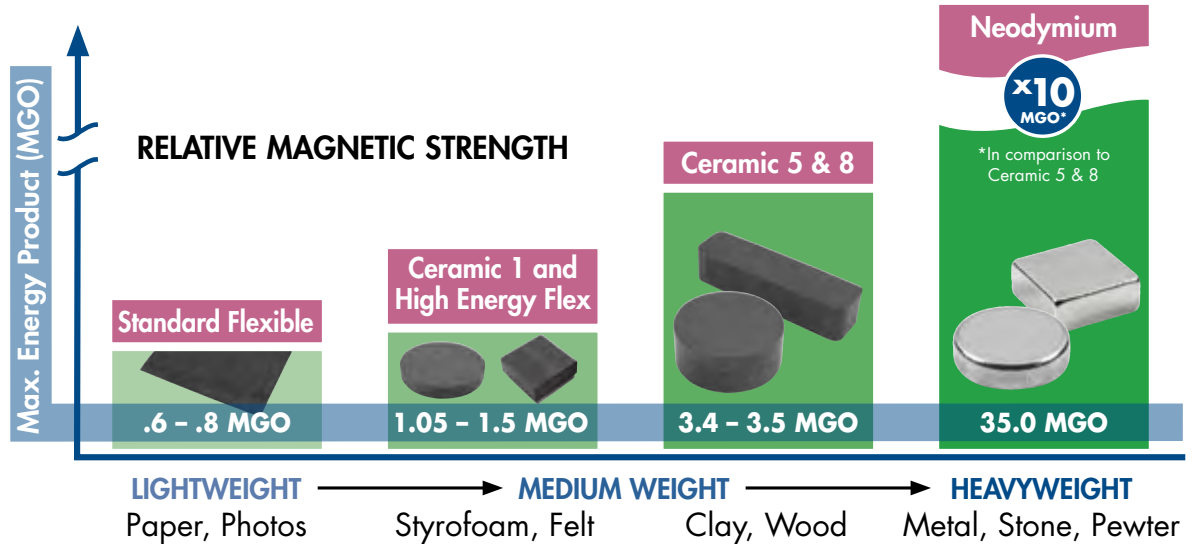


Neodymium Latch Magnet Kits

Part No.	Dimensions/Inches			Pounds Pull
	Outer Dia.	Cup Thk.	Plate Thk.	
NMLKIT1	0.380	0.250	0.094	2
NMLKIT2	0.500	0.250	0.094	6
NMLKIT3	0.625	0.250	0.094	16
NMLKIT4	0.875	0.281	0.156	23
NMLKIT5	1.130	0.270	0.150	30

Comparison of Magnetic Materials' Strength

Not sure what type of magnetic material is best suited for your application? Please review the chart to the right to compare magnetic strengths.



Contact us today or visit our website for information about our wide selection of magnetic products.

U.S.A. and International
MASTER MAGNETICS, INC.

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Colorado: 303.688.3966
Fax: 1.800.874.6248
magnetsource.com

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A-L-L MAGNETICS, INC.

2831 Via Martens
Anaheim, CA 92806
Toll Free: 1.800.262.4638
Local: 714.632.1754
Fax: 714.632.1757
allmagnetics.com

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MIAMI MAGNET CO.

781 Shotgun Road
Sunrise, FL 33326
Toll Free: 1.800.222.7846
Local: 954.473.1630
Fax: 954.473.1635
magnetsource.com

Magnetic Strength Pull Test Methodology - We rate our magnetic assemblies by pounds of pull in a vertical test. Each magnet's entire magnetic surface is tested against a 1/2" thick ground steel plate. If the item you wish to lift is thinner than 1/2", is not ground flat, or does not cover the entire magnetic surface, actual holding capacity could be much lower. Painted surfaces also tend to reduce tested strengths.