



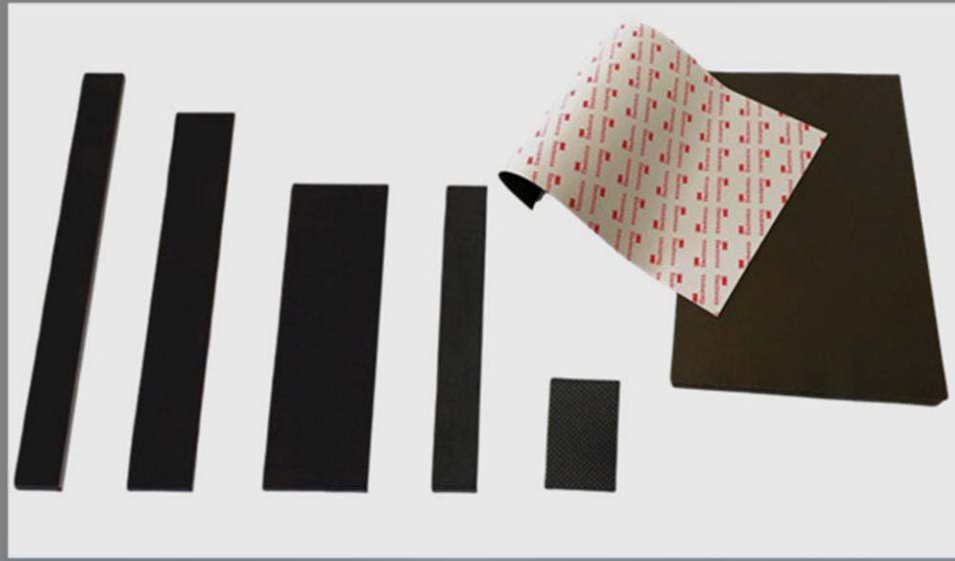
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SINONEO MAGNETS CO., LTD.



FLEXIBLE NEODYMIUM (NDFEB) MAGNETS



The flexible Neodymium(NdFeB) Magnets is a kind of flexible magnets biased on micro-crystalline NdFeB grinded powder and a polymeric matrix.

Flexible Neodymium(NdFeB) Magnets have high magnetic properties due to magnetic micro-crystalline powder and good flexibility due to elastomer matrix.

The flexible Neodymium(NdFeB) magnets are the strongest flexible magnet energy currently in the world.

THE APPLICATION OF FLEXIBLE NDFEB MAGNETS

Sensors
Motors
Toys
Flat speakers
High-class door lock
Wireless mouse
Computer
Mobile Phone
Fridge
Drinking water machine
Supermarket EAS
Strong adsorption application
...And many more



**THE MAIN
PRODUCTION
EQUIPMENT AND
TESTING EQUIPMENT**



THE PRODUCTION PROCESS OF FLEXIBLE NDFEB MAGNETS



THE TECHNICAL PROPERTIS OF FLEXILBE NDFEB MAGNETS

Grade	Residual Induction(Br)		Coercive Force (Hcb)		Intrinsic Coercive Force (Hcj)		Max Energy Product (BH)max		Working Temp.
	mT	Gs	KA/m	Oe	KA/m	Oe	KJ/m2	MGOe	Tw(°C)
R2	250~350	2500~3500	120~200	1500~2500	150~320	2000~4000	12~20	1.5~2.5	-40~120
R3	330~430	3300~4300	170~250	2100~3100	380~540	4800~6800	20~28	2.5~3.5	-40~120
R4	380~480	3800~4800	210~300	2700~3700	540~700	6800~8000	28~36	3.5~4.5	-40~120
R5	430~530	4300~5300	250~340	3200~4200	620~780	7800~9800	36~44	4.5~5.5	-40~120
R6	480~580	4800~5800	290~380	3700~4700	630~800	8000~10000	44~52	5.5~6.5	-40~120
R7	530~630	5300~6300	340~420	4300~5300	670~880	8500~11000	52~60	6.5~7.5	-40~120
R8	570~670	5700~6700	350~440	4500~5500	670~880	8500~11000	60~68	7.5~8.5	-40~120
RE2	250~350	2500~3500	120~200	1500~2500	150~320	2000~4000	12~20	1.5~2.5	-40~100
RE3	350~450	3500~4500	170~250	2100~3100	280~440	3500~5500	20~28	2.5~3.5	-40~100
RE4	450~550	4500~5500	200~280	2500~3500	350~440	4500~5500	28~36	3.5~4.5	-40~100
RE5	550~650	5500~6500	200~280	2500~3500	350~440	4500~5500	36~44	4.5~5.5	-40~100

THE PHYSICAL PROPERTIES OF FLEXIBLE NDFEB MAGNETS

Grade	Tensile Strength (kg/cm ²)	Hardness (A)	Density (g/cm ³)	Heat Resistance	Cold Resistance	Moisture Resistance	High-Low Temperature	Motor Oil Resistance
R2	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
R3	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
R4	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
R5	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
R6	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
R7	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
R8	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
RE2	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
RE3	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
RE4	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average
RE5	≥10	90+/-10	3.80~5.60	Average	Good	Average	Average	Average

THE DIMENSION TOLERANCES OF FLEXIBLE NDFEB MAGNETS

Length(mm)L		Width(mm)W		Hight(mm)H	
Dimension	Tolerance	Dimension	Tolerance	Dimension	Tolerance
≤50	±0.3	≤50	±0.3	< 1	±0.05
>50 ~ 100	±0.5	>50 ~ 100	±0.5	≥1 ~ 4	±0.1
>100~200	+2/-0	>100~200	+2/-0	≥4~6	±0.15
>200~300	+3/-0	>200~300	+3/-0		

PPS:Productons will be manufactured with the dimensional tolerances of products required by the customers,if the dimensional tolerances are not in the range of the above table.

THE MAIN DIMENSIONS OF FLEXIBLE NDFEB MAGNETS

Thickness	Width	Length
1.0mm	12.5,12.7mm, 15mm,25.4mm, Max.76.2mm	30M - 200M
1.5mm	10mm, 12.7mm,15mm,20mm,25.4mm,Max.76.2mm	30M - 200M
2.0mm	10mm,15mm,20mm,Max.76.2mm	30M - 200M
3.0mm	12.5mm, Max. 50mm	30M - 200M
4.0mm	8mm,Max. 50mm	30M - 200M

SHIPPING AND PACKAGING



Sinoneo Magnets can ship your product almost any way you want it—in rolls, bulk on skids, cut blanks in boxes, or using personalized packaging for private labeling.

Our Shipping ways:

1. Express courier, TNT, Fedex, DHL, UPS for your choice.
(1), Ship door to door. You can provide your express account for the freight payable at destination. (2), Delivery time: 3-7 days
2. Air cargo , shipping to your nearest airport.
(1), If you choose this way, please provide us your nearest airport. (2), Delivery 5-15 days. (3), Suitable for cargo over 45 kg
3. Sea cargo, shipping to your nearest port.
(1), If you choose this way, please provide us your nearest port and zip code. (2), Delivery approximately 30 days.
(3), This type of shipping is suitable for cargo over 200KGS, or have big volume.



OEM are welcomed, samples is available, small orders accepted.

Let Us Assist You!

Our magnet experts will help you get exactly what you need - custom or stock - in record time with great quality at a very competitive price.

CONTACT US



SCAN TO VISIT OUR WEBSITE

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