



Rubber Magnets

Flexible magnets made from ferrite or rare-earth powder in rubber resin, conforming to curved and irregular surfaces. Available as sheets, strips, and profiles — easy to cut and print for displays, signage, automation and motor applications.



X-MAG's capabilities cover magnetic engineering & simulation, automated sustainable manufacturing, comprehensive quality assurance, and advanced magnet R&D.

Typical Magnetic Properties of Rubber Magnets

Flexible Ferrite Rubber Magnet

Grade	Remanence		Coercivity				Max Energy Product		Max Working Temperature	Remarks
	Br		HcB		HcJ		(BH)max		TwMax	
	mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m ³	MGOe	° C	
RMT-B5	170-190	1.7-1.9	95-115	1.2-1.45	150-190	1.88-2.40	4.6-6.5	0.57-0.80	-40 ~ 85	Isotropic
RMT-B6.5	185-200	1.85-2.0	90-110	1.13-1.38	125-150	1.57-1.88	6.0-7.0	0.74-0.93		
RMA-10	220-240	2.2-2.4	2.07	1.76	200-235	2.5-2.95	9.0-10.5	1.1-1.3		Anisotropic
RMA-11	230-250	2.3-2.5	145-165	1.82-2.07	190-225	2.38-2.85	9.5-11.0	1.18-1.36		
RMA-13	250-270	2.5-2.7	175-190	2.2-2.4	200-230	2.5-2.9	11.5-14.5	1.42-1.80		
RMA-15	>270	>2.7	175-190	2.2-2.4	200-230	2.5-2.9	>14.5	>1.8	-40 ~ 100	
RMA-NBR	240-270	2.4-2.7	151-179	1.9-2.25	191-238	2.4-3.0	11.2-13.6	1.4-1.7		

Typical Magnetic Properties of Rubber Magnets

Flexible NdFeB Rubber Magnet

Grade	Remanence		Coercivity				Max Energy Product		Max Working Temperature	Remarks	
	Br		HcB		HcJ		(BH)max		TwMax		
	mT	kGs	kA/m	kOe	kA/m	kOe	kJ/m³	MGOe	° C		
NR2	250-350	2.5-3.5	120-200	1.5-2.5	150-320	2.0-4.0	46376	1.5-2.5	-40 ~ 120	Anisotropic	
NR3	330-430	3.3-4.3	170-250	2.1-3.1	302-540	3.8-6.8	20-28	2.5-3.5			
NR4	380-480	3.8-4.8	210-300	2.7-3.7	540-700	6.8-8.8	28-36	3.5-4.5			
NR5	430-530	4.3-5.3	250-340	3.2-4.2	620-780	7.8-9.8	36-44	4.5-5.5			
NR6	480-580	4.8-5.8	290-380	3.7-4.7	630-800	8.0-10.0	44-52	5.5-6.5			
NR7	530-630	5.3-6.3	340-420	4.3-5.3	670-880	8.5-11.0	52-60	6.5-7.5			
NR8	570-670	5.7-6.7	350-440	4.5-5.5	670-880	8.5-11.0	60-68	7.5-8.5			
NR9	610-710	6.1-7.1	370-450	4.7-5.7	640-840	8.0-10.5	67-75	8.5-9.5			
NRE2	250-350	2.5-3.5	120-200	1.5-2.5	150-320	2.0-4.0	46376	1.5-2.5	-40 ~ 100		
NRE3	350-450	3.5-4.5	170-250	2.1-3.1	280-440	3.5-5.5	20-28	2.5-3.5			
NRE4	450-550	4.5-5.5	200-280	2.5-3.5	350-440	4.5-5.5	28-36	3.5-4.5			
NRE5	550-650	5.5-6.5	200-280	2.5-3.5	350-440	4.5-5.5	36-44	4.5-5.5			