

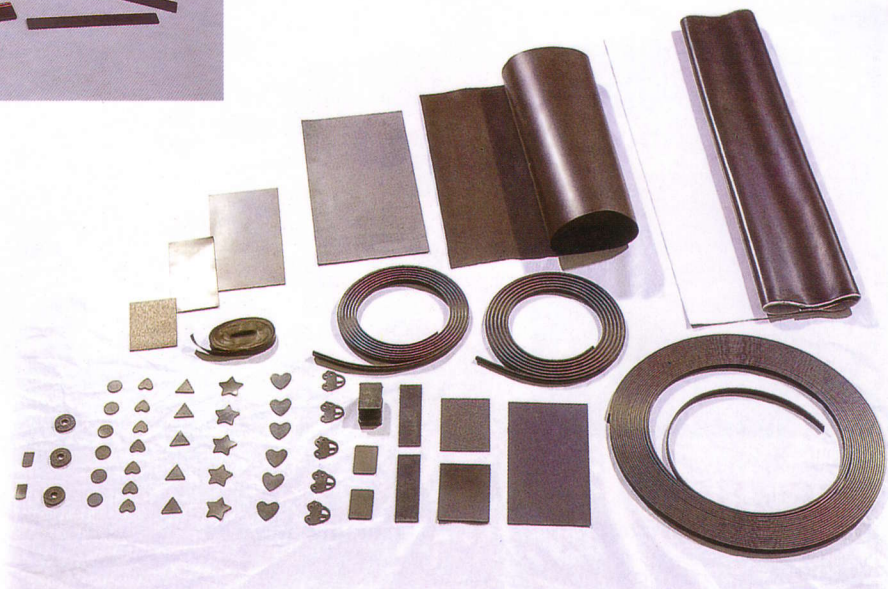
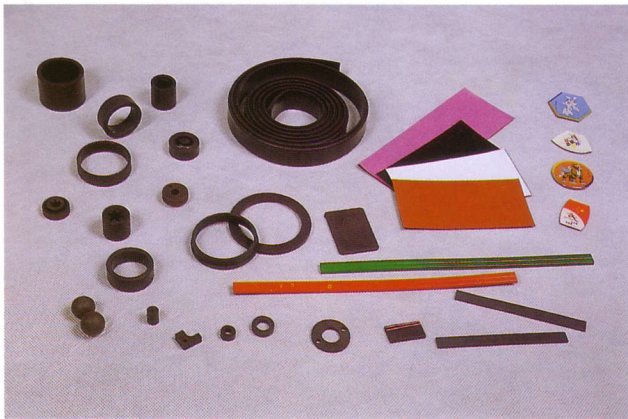
## Rubber & Plastic Magnets

Rubber & Plastic Magnets (also called Flexible Magnets) are made from magnetic compound of rubber and plastic materials with ferrite powder by rolling, extruding and injection moulding process. *Pro-Perfect Magnetics* produces Rubber & Plastic Magnets for electric motors, door gaskets for refrigerators, switches, relays, advertising, sensors, automotive ignitions, medical treatments, and modulation sheets for TV tubes. For magnetic sheets, the surface can be shiny coated, or covered with colour PVC film and self-adhesive.

The magnetic characteristics of Rubber & Plastic Magnets (tested at 20°C):

Type	Grade	Magnetic Characteristics				Density (g/m <sup>3</sup> )	Temperature Coefficient (%°C)	Operating Temperature (°C)
		Br (mT)	Hcb (kA/m)	Hcj (kA/m)	(BH)max (kJ/m <sup>3</sup> )			
Isotropic	RI-4	135-155	85-105	175-210	3.2-5.0	3.6-3.8	-0.2	-40°C - 80°C
	RI-S5	165-180	95-105	135-160	4.5-5.8	3.6-3.8	-0.2	-40°C - 80°C
	RI-B5	170-185	98-110	160-190	4.6-6.0	3.6-3.8	-0.2	-40°C - 80°C
	RI-7	185-200	90-100	125-150	6.0-7.0	3.6-3.8	-0.2	-40°C - 80°C
Anisotropic	RA-10	220-240	145-165	200-235	9.0-10.5	3.6-3.8	-0.2	-40°C - 80°C
	RA-11	230-250	145-165	190-225	9.0-11.0	3.6-3.8	-0.2	-40°C - 80°C
	RA-13	250-270	175-190	200-230	11.5-14.5	3.6-3.8	-0.2	-40°C - 80°C

Unit conversion: 1.0kGs=100mT, 1.0kOe=79.6kA/m, 1.0MGOe=7.96kJ/m<sup>3</sup>



Your Reliable Magnet Source from China!