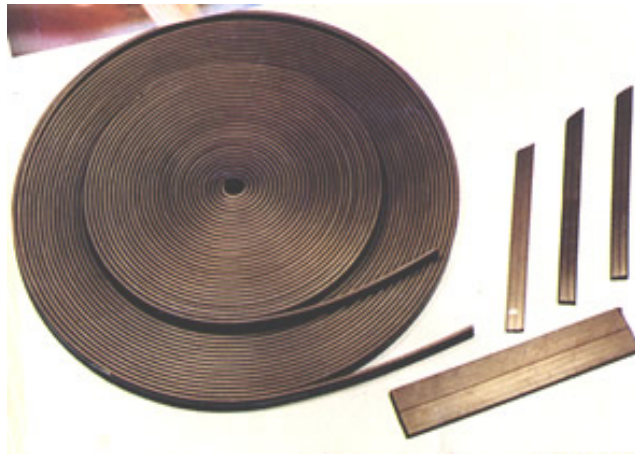


Flexible Magnetic Extrusions

Flexible Magnetic Strips and Custom Profile are thermoplastic permanent magnetic Extrusions. It can provide superior holding power and widely used in stationary, household appliance, water-tight appliance. According to its magnetic property, it is divided into anisotropic and isotropic; according to its magnetization way, it is divided into surface magnetization and penetration magnetization (longitudinal, transverse and bilateral).



- **Magnetic properties of extruded magnetic strip**

Code	Br	Hcb	Hcj	(BH)max	Forming way	Size		
	T	KA/m	KA/m	KJ/m3		Max Length(m)	Max Width(mm)	Height(mm)
YXZJ-1	0.13~0.18	80~115	100~160	4~6.4	Extrusion	100	400	0.4~1.1
YXZJ-2	0.18~0.22	100~140	120~190	6.4~8.0	Extrusion	2	930	0.6~3

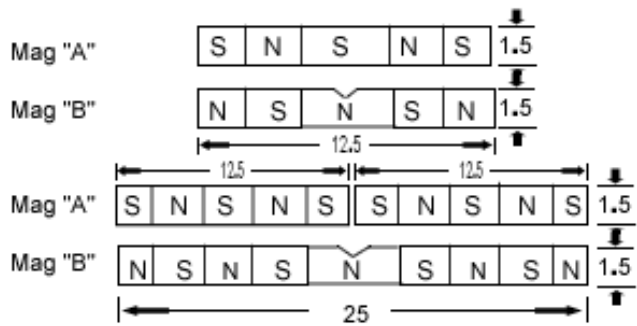
- **Physical properties of extruded magnetic strip**

Code	Tensile Strength (MPa)	Elongation Rate (%)	Hardness (SHA)	Temperature (oC)	Density (g/cm3)
YXZJ-1	5~10	30~100	85~98	-10~80	3.6~3.7
YXZJ-2	5~10	40~100	85~98	-10~80	3.6~3.7

- **EXTRUDED STRIP MAGNET-FLAT PROFILE(ADGESIVE BACKED)MAGNET TO MAGNET APPLICATIONS**

The 12.5mm extrusion Mag "A" and Mag "B" allows perfect alignment or mating between profiles

The two separate 12.5mm Mag "A" will perfectly align/mate to the 2.5m Mag "B" profile



The magnet to magnet applications are most useful for fixing of posters and graphics in display systems. In addition to Mag "A"/Mag"B", other types of self aligning systems can be manufactured on request.

• EXTRUDED STRIP MAGNET-FLAT PROFILE(ADHESIVE BACKED)MAGNET TO STEEL APPLICATION

Satin white steel strip comes in 30metre rolls. It is extremely useful for work in magnet systems where there is no convenient steel/ferrous mating surface. As magnet to steel adhesion does not perfectly align/mate steel strip can be very useful to mount posters etc. on out-of-square frames.

Steel Strip mm

Steel Width	Thickness	Adhesive	
		Standard	Foam backed
12.5	0.2	✓	✓
20	0.2	✓	✓

A popular application of steel strip/magnet application in Europe is holding double glazing frames to wooden window frames. This could equally apply in Africa to hold mosquito netting frames to wooden/aluminum window frame.

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 Add :Floor 16, Jinyuan plaza, # 57 Hubin nan Road, Xiamen, CHINA 361004
 Tel : (86)592 2295387 (86)592 2217138 Fax: (86)592 2207122
 Email : yingli@magnets.com.cn or mag@e-magnet.cn

**Magnets Products Suppliers
 YuXiang Company.**