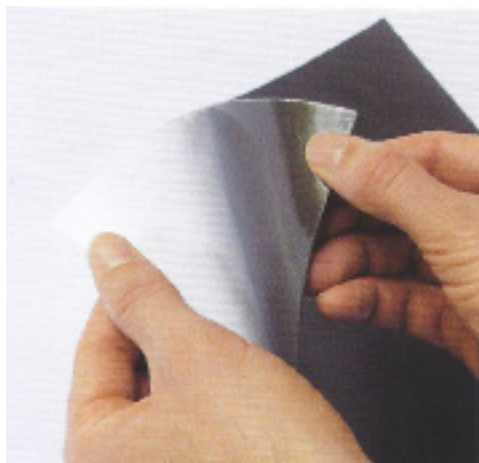


Technical information sheet Magnetic specifications for motors and sensors

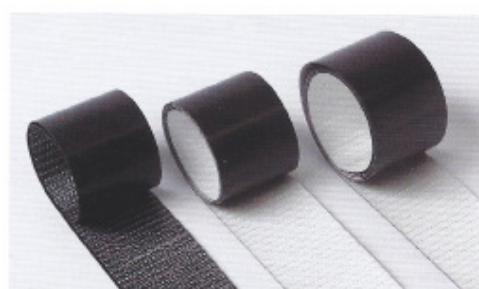


Magnetic sheets

Made using a calendering process, magnetic sheets are usually used for advertising, magnetotherapy, giveaways, etc.

The maximum possible width is 800 mm and the thickness varies from 0.25 to 10 mm. As regards thicknesses less than 0.5 mm, the distance between poles is 2 mm, whereas for thicknesses between 0.5 mm and 1 mm, the distance between poles varies from 2.5 mm to 3 mm.

If the thickness exceeds 1 mm, the distance between poles is 4 - 5 mm. Magnetic sheets can be covered with coloured paper or white PVC.



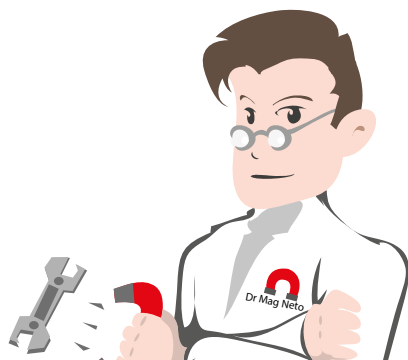
Magnetic tapes

Magnetic tapes are made according to specific measurements defined by the customer, using large rolls of magnetic rubber cut into strips according to the desired width. The tape is then magnetised.

Magnetic tape can be used for magnetic labels, magnetic stickers, credit cards, advertising, magnetotherapy.

They can have an adhesive backing and can be covered with coloured paper, white PVC or PVC with a fabric reinforcement to make the tape stronger.





Technical information sheet

Magnetic specifications for motors and sensors

Ferrite magnetic properties												
Material Type	GLF 10N	GLF 11	GLF 11 N	GLF 12	GLF 12 N	GLF 13	GLF 13B	GLF 13BN	GLF 13 N	GLF 13H	GLF 13HN	GLF 14
Magnetic properties												
Br (Gs)	2100-2300	2300-2500	2300-2500	2400-2600	2300-2500	2400-2600	2500-2700	2400-2600	2400-2600	2400-2600	2400-2600	2550-2750
Hcb(Oe)	1900-2200	2050-2350	2050-2350	2000-2350	2150-2400	2150-2450	2100-2400	2100-2400	2150-2450	2150-2450	2150-2450	2100-2300
Hcj(Oe)	>2500	>2500	>2500	>2200	>3200	2800-3500	2600-3000	2600-3000	2800-3500	3500-4200	3500-4200	>2300
(BH) max (MGOe)	1,15-1,35	1,30-1,50	1,30-1,30	1,45-1,65	1,35-1,55	1,45-1,65	1,50-1,70	1,45-1,65	1,45-1,65	1,45-1,65	1,45-1,65	1,55-1,75
Physical properties												
TS(Mpa)	>2,5	>3,5	>2,5	>3,5	>2,5	>3,5	>3,5	>2,5	>2,5	>2,5	>2,5	>2,5
Eb (%)	>20	>30	>20	>30	>20	>30	>30	>20	>20	>20	>20	>30
XHS-D	30-45	30-50	30-45	30-50	30-45	30-50	30-50	30-45	30-45	30-45	25-45	30-45
Density (g/cm ³)	3,60-3,75	3,65-3,80	3,60-3,75	3,65-3,80	3,60-3,75	3,65-3,80	3,65-3,80	3,60-3,75	3,60-3,75	3,60-3,75	3,60-3,75	3,65-3,80
Weight reduction by heat (%)	<2,0	<2,0	<2,0	<2,0	<2,0	<2,0	<2,0	<2,0	<2,0	<2,0	<2,0	<2,0
Temp. Range	-40- 100°C	-40-85°C	40-100°C	- 40-85°C	-40-100	-40-35°C	-40-85°C	-40-100°C	-40-100°C	-40-85°C	-40-100°C	-40-85°C

MAGNETIC SHEETS AND BANDS FOR MAGNETOTHERAPY							
		FLEX MAG - PLASTO-FERRITE powder base					
		Flex Mag 50/100 axial	Flex Mag 100/200 axial	Flex Mag 50/200 circular	Flex Mag 100/400 circular	Flex Mag 120/500 circular	Flex Mag 250/600 circular
SPECIFICATIONS	CIRCULAR MAGNETISATION			•	•	•	•
	AXIAL MAGNETISATION	•	•				
	HIGH ELASTICITY	•	•	•	•	•	•
	GAUSS CONTACT VALUE	> 80 Gauss	> 200 Gauss	> 230 Gauss	> 350 Gauss	> 500 Gauss	> 600 Gauss
TYPES OF APPLICATION	Wellness therapy	•	•	•	•	•	•
	Magnetic tape therapy	•	•	•	•	•	•
	Sleeping wellness mattresses	•	•	•	•	•	•
	Magnetic mattress covers	•	•	•	•	•	•
	Sleeping wellness pillows	•	•	•	•	•	•
	Magnetic beauty products						
	Wellness products						
	Bedroom accessories	•	•	•	•	•	•
	Magnetic seat cover	•	•	•	•	•	•
	Professional therapy						
	Therapeutic mattresses						
	Professional mats						
Professional cushions							
OPTIONALS	REINFORCED FABRIC BACKING	•	•	•	•	•	•
	DOUBLE-SIDED ADHESIVE FILM	•	•	•	•	•	•
	CAN BE COUPLED TO PVC OR PAPER	•	•	•	•	•	•
	CUSTOMISED LOGO	•	•	•	•	•	•
	CUT ALONG LENGTH	•	•	•	•	•	•