

Technical Data Sheet of Calendering Flexible Magnet

Thickness	Pole Pitch	Isotropic				Semi anisotropic		Anisotropic	
		Economic Grade		Premium Grade		Surface gauss	Magnetic Pull	Surface gauss	Magnetic Pull
		Surface gauss	Magnetic Pull	Surface gauss	Magnetic Pull				
mm	mm	(Gs)	(g/cm ²)	(Gs)	(g/cm ²)	(Gs)	(g/cm ²)	(Gs)	(g/cm ²)
0.3	1.5	205	≥11	205	≥13	225	≥14		
	2	195	≥10	200	≥12	220	≥14	245	≥15
	2.5	190	≥7	200	≥8	215	≥9	255	≥10
0.4	1.5	230	≥17	275	≥22	295	≥24		
	2	225	≥16	265	≥20	300	≥26	330	≥32
	2.5	220	≥15	265	≥17	277	≥20	285	≥23
0.5	1.5	255	≥22	300	≥26	295	≥34		
	2	250	≥21	300	≥26	315	≥33	380	≥43
	2.5	265	≥18	290	≥22	322	≥26	335	≥34
0.6	1.5	280	≥25	300	≥31				
	2	280	≥25	300	≥31	330	≥38	360	≥50
	2.5	295	≥22	320	≥27	350	≥34	360	≥44
0.7	1.5	275	≥27	290	≥34				
	2	290	≥29	310	≥37	355	≥46	400	≥60
	2.5	315	≥28	360	≥36	400	≥46	440	≥57
0.75	2	295	≥32	320	≥42	362	≥52	405	≥66
	2.5	320	≥31	360	≥40	407	≥50	455	≥63
0.8	2	305	≥35	330	≥43	390	≥56	450	≥73
	2.5	335	≥34	380	≥42	425	≥55	470	≥69
	3	375	≥30	400	≥40	435	≥50	470	≥60
0.9	2	315	≥39	350	≥47	415	≥62	480	≥80
	2.5	345	≥36	410	≥45	450	≥61	490	≥80
	3	395	≥35	440	≥42	465	≥56	490	≥71
1	2	325	≥41	380	≥51	440	≥66	500	≥82
	2.5	365	≥38	430	≥50	467	≥65	505	≥80
	3	405	≥38	460	≥48	485	≥61	510	≥74
1.2	2.5	380	≥46	460	≥66	495	≥80	530	≥93
	3	430	≥42	500	≥60	525	≥75	550	≥90
	5	410	≥36	460	≥40	490	≥59	520	≥77
1.5	2.5	400	≥48	480	≥68	515	≥84	550	≥102
	3	475	≥49	525	≥66	537	≥84	550	≥102
	5	500	≥39	540	≥58	570	≥69	600	≥82
1.6	2.5	400	≥49	480	≥68	515	≥84	550	≥104
	3	480	≥51	530	≥68	550	≥86	570	≥104
2	3	495	≥57	540	≥74	575	≥93	610	≥112
	5	530	≥49	600	≥66	635	≥84	670	≥100
2.5	3	540	≥62	580	≥78	610	≥94	640	≥115
	5	560	≥58	620	≥76	655	≥89	690	≥105
3	3	550	≥65	600	≥79	630	≥96	660	≥119
	5	575	≥65	650	≥80	675	≥95	700	≥114

If thickness from 0.3mm~0.4mm, will suggest 1.5mm pole pitch. If thickness up to 0.5mm or above, will suggest 2.0mm pole pitch.

If thickness up to 0.7mm or above of anisotropic & semi-anisotropic material, and if thickness up to 0.9mm or above of isotropic material, must be magnetized by electric magnetizer.

Technical Data Sheet of Extrusion Magnetic Strips

Thickness	Pole pitch	Isotropic (Premium Grade)		Anisotropic	
		Surface gauss	Magnetic Pull	Surface gauss	Magnetic Pull
mm	mm	(Gs)	(g/cm ²)	(Gs)	(g/cm ²)
1	3.175	435	≥41	470	≥54
1.5	3.175	500	≥65	515	≥75
2	3.175	535	≥66	540	≥84
3	3.175	600	≥76	645	≥92
	5	650	≥77	690	≥92