

Technical Data Sheet of Calendering Flexible Magnet

| Thickness | Pole Pitch | Isotropic | | Semi anisotropic | | Anisotropic | |
|-----------|------------|---------------|----------------------|------------------|----------------------|---------------|----------------------|
| | | 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) |
| 0.3 | 1.5 | 205 | ≥ 13 | 225 | ≥ 14 | | |
| | 2 | 200 | ≥ 12 | 220 | ≥ 14 | 245 | ≥ 15 |
| | 2.5 | 200 | ≥ 8 | 215 | ≥ 9 | 255 | ≥ 10 |
| 0.4 | 1.5 | 275 | ≥ 22 | 295 | ≥ 24 | | |
| | 2 | 265 | ≥ 20 | 300 | ≥ 26 | 330 | ≥ 32 |
| | 2.5 | 265 | ≥ 17 | 277 | ≥ 20 | 285 | ≥ 23 |
| 0.5 | 1.5 | 300 | ≥ 26 | 295 | ≥ 34 | | |
| | 2 | 300 | ≥ 26 | 315 | ≥ 33 | 380 | ≥ 43 |
| | 2.5 | 290 | ≥ 22 | 322 | ≥ 26 | 335 | ≥ 34 |
| 0.6 | 1.5 | 300 | ≥ 31 | | | | |
| | 2 | 300 | ≥ 31 | 330 | ≥ 38 | 360 | ≥ 50 |
| | 2.5 | 320 | ≥ 27 | 350 | ≥ 34 | 360 | ≥ 44 |
| 0.7 | 1.5 | 290 | ≥ 34 | | | | |
| | 2 | 310 | ≥ 37 | 355 | ≥ 46 | 400 | ≥ 60 |
| | 2.5 | 360 | ≥ 36 | 400 | ≥ 46 | 440 | ≥ 57 |
| 0.75 | 2 | 320 | ≥ 42 | 362 | ≥ 52 | 405 | ≥ 66 |
| | 2.5 | 360 | ≥ 40 | 407 | ≥ 50 | 455 | ≥ 63 |
| 0.8 | 2 | 330 | ≥ 43 | 390 | ≥ 56 | 450 | ≥ 73 |
| | 2.5 | 380 | ≥ 42 | 425 | ≥ 55 | 470 | ≥ 69 |
| | 3 | 400 | ≥ 40 | 435 | ≥ 50 | 470 | ≥ 60 |
| 0.9 | 2 | 350 | ≥ 47 | 415 | ≥ 62 | 480 | ≥ 80 |
| | 2.5 | 410 | ≥ 45 | 450 | ≥ 61 | 490 | ≥ 80 |
| | 3 | 440 | ≥ 42 | 465 | ≥ 56 | 490 | ≥ 71 |
| 1 | 2 | 380 | ≥ 51 | 440 | ≥ 66 | 500 | ≥ 82 |
| | 2.5 | 430 | ≥ 50 | 467 | ≥ 65 | 505 | ≥ 80 |
| | 3 | 460 | ≥ 48 | 485 | ≥ 61 | 510 | ≥ 74 |
| 1.2 | 2.5 | 460 | ≥ 66 | 495 | ≥ 80 | 530 | ≥ 93 |
| | 3 | 500 | ≥ 60 | 525 | ≥ 75 | 550 | ≥ 90 |
| | 5 | 460 | ≥ 40 | 490 | ≥ 59 | 520 | ≥ 77 |
| 1.5 | 2.5 | 480 | ≥ 68 | 515 | ≥ 84 | 550 | ≥ 102 |
| | 3 | 525 | ≥ 66 | 537 | ≥ 84 | 550 | ≥ 102 |
| | 5 | 540 | ≥ 58 | 570 | ≥ 69 | 600 | ≥ 82 |
| 1.6 | 2.5 | 480 | ≥ 68 | 515 | ≥ 84 | 550 | ≥ 104 |
| | 3 | 530 | ≥ 68 | 550 | ≥ 86 | 570 | ≥ 104 |
| 2 | 3 | 540 | ≥ 74 | 575 | ≥ 93 | 610 | ≥ 112 |
| | 5 | 600 | ≥ 66 | 635 | ≥ 84 | 670 | ≥ 100 |
| 2.5 | 3 | 580 | ≥ 78 | 610 | ≥ 94 | 640 | ≥ 115 |
| | 5 | 620 | ≥ 76 | 655 | ≥ 89 | 690 | ≥ 105 |
| 3 | 3 | 600 | ≥ 79 | 630 | ≥ 96 | 660 | ≥ 119 |
| | 5 | 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 |