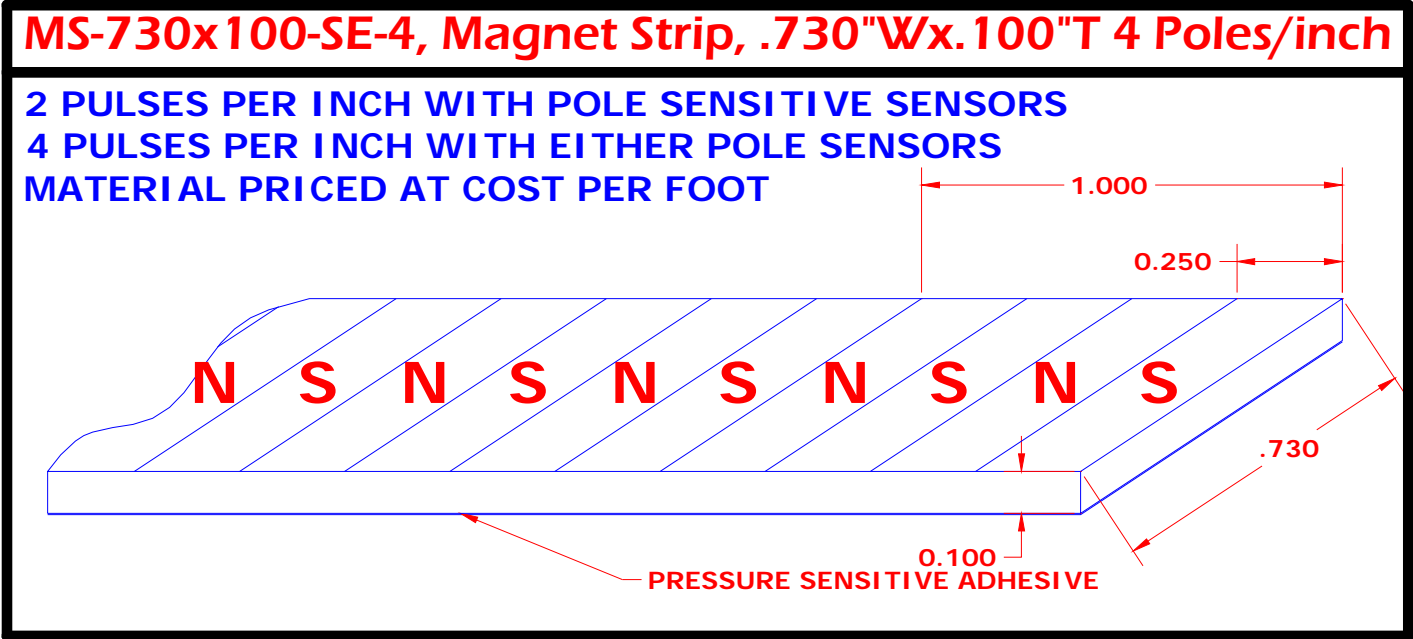


MS-730x100-SE-4 Multi-Pole Magnetic Strip, .730 x .100" thick, 0.6 MGOe. 4 Poles per inch.



Magnet Specifications

| | |
|--|-----------------|
| 300-05-000 FLEX. MAGNET MATERIAL SPECS(25°C): | MINIMUM: |
| PROCESSING TYPE: | EXTRUDED |
| BR GAUSS: | 1600 |
| HC OERSTED: | 1380 |
| HCI OERSTED: | 2000 |
| BHMAX MGOE: | 0.6 |
| BR TEMP CO (%/°C): | 0.4 |
| DUROMETER (SHORE D): | 58 |
| MAX OPERATING TEMP (°C): | 79.4 |
| PLATING: | NONE |
| Rev A | |

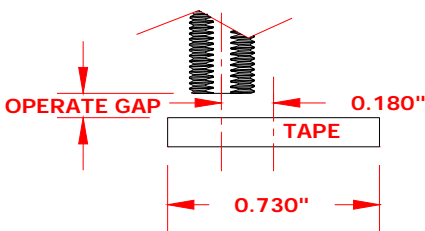
Multiple Pole Strip Magnets are offered as cut to length targets for speed, speed/direction, and counting applications. A pressure sensitive adhesive can be used to attach the magnet to a wide variety of surfaces. Only attach magnets to clean and dry surfaces to ensure best adhesion. Sensor face center should be aligned within .180" of the center of the tape.

| | | | |
|--|-----------------|-----------------|-----------------|
| MS-730x100-SE-4 MAGNET SPECIFICATIONS AT 25°C: | MINIMUM: | TYPICAL: | MAXIMUM: |
| POLE TO POLE DISTANCE: | .248 | 0.25" | .252 |
| THICKNESS OF TAPE: | .095 | .100" | .105 |
| WIDTH OF TAPE: | .725 | .730" | .735 |
| MAX SENSING OFFSET FROM CENTER (90% of max field strength): | -.180 | 0 | .180 |
| Rev A | | | |

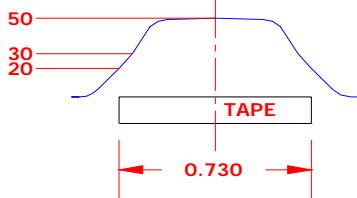
Magnets are purchased per foot and shipped as a single coil of the purchased length. If you require multiple cut to length sections, contact the Sensor Solutions sales department for a quote.

The MS-730x100-SE-4 provides 4 magnetic poles per inch (2 North and 2 South). For increased or decreased resolution contact the Sensor Solutions sales department to discuss your application and requirements.

MAX SENSOR OFFSET FROM TAPE CENTER



OUTPUT ACROSS WIDTH OF TAPE (GAUSS) @ 0.15" GAP



05-000 Magnet Gauss vs. Gap Data

