

At A Glance

- Protection: Primary
- Feed Type: Conveyor
- Material Type: NdFeb
- Cleaning Type: Manual

Rare Earth strip magnets are versatile and can be used in various processes. These units are usually installed above transfer conveyors and vibratory feeders to attract 'tramp' type contamination and any loose machinery that has fallen off during the manufacturing or packaging stages.

The unit consists of two rows of magnetic material running the full length of the unit. These generate high intensity magnetic flux fields, which reach approximately 3.5 inches from the units front face. Magnetism is only present on one face ensuring that no surrounding sensitive process machinery is affected. 'Tramp' contamination can be attracted from the conveyor surface even when trapped underneath the product e.g. biscuit etc.



Benefits

- Suitable for wash down
- Easy to clean
- Removes 'tramp' sized contaminants
- High collection capacity
- Rare Earth deep magnetic field

Materials

Magnetic Material	Rare Earth Neodymium Iron Boron - (NdFeb)
Housing	304 grade stainless steel
Surface Finish	Brushed

Performance

Magnetic Performance	4,000 Gauss
Performance Reading	On magnetic front face
Magnetic Field Depth	3 inches – Using 0.19 inches Ø 0.9inches long mild steel test piece
Magnet Grade	N35 – Inspected and confirmed via hystorograph prior to use
Temperature	-4°F / +194°F

Cleaning

The strip magnet is highly visible once installed and any attracted contamination can be easily seen. In most cases this contamination can be removed by hand. In high collection installations a simple scraper can be used. Working with the maintenance department, any attracted machinery parts can be quickly identified and corrective maintenance carried out.

Suitability

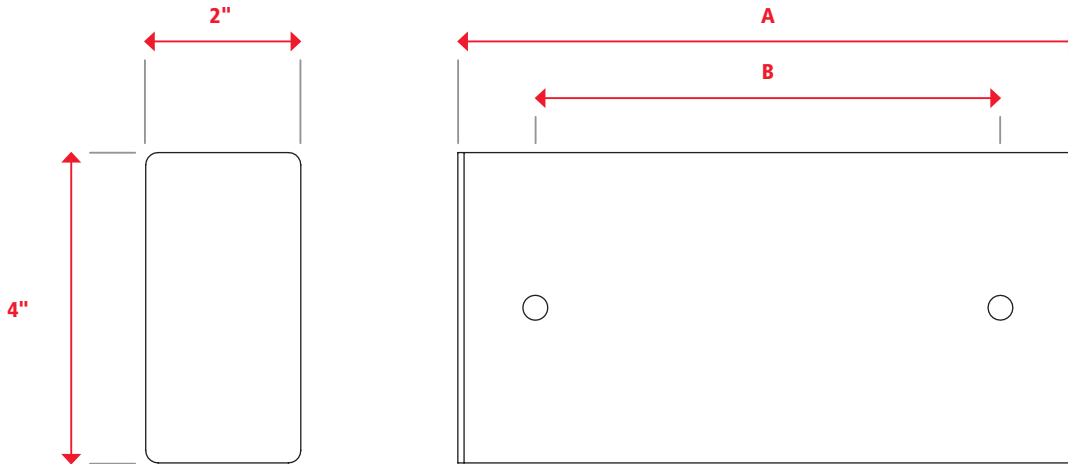
Suitable Products	All conveyed products less than 85mm thick
Suitable Location	Above transfer belt conveyors and vibratory feeders

Options

- Pharmaceutical specification
- Ceramic magnetic material
- 5.9 inch wide units available
- Length up to 79 inches long
- 316 grade stainless steel
- Higher temperature versions available



Strip Magnet



Part Number	A (inches)	B (inches)	Number Of Holes	Weight (lbs)
SMN100	4	2	2	5.5
SMN200	8	6	2	11
SMN300	12	8	2	16.5
SMN400	16	8	2	22
SMN500	20	8	3	27.5
SMN600	24	8	3	33
SMN700	28	8	4	38.6
SMN800	32	8	4	44
SMN900	36	8	5	50
SMN1000	40	8	5	55

For non-standard sizes, please contact sales@eclipsetoolsinc.com

If you have any more questions, require technical assistance or would like a quotation, please contact us.

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