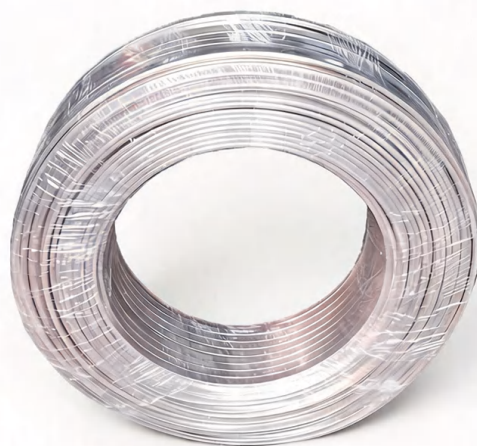


Ribbon Magnesium Alloy Anode

Ribbon magnesium Alloy anode is a sacrificial anode made of magnesium alloy (e.g., magnesium-manganese alloy). Its core function is to act as a sacrificial anode by releasing electrons through electrochemical corrosion principles, thereby protecting metal structures (such as pipelines, storage tanks) from deterioration.

With its high electrochemical potential, flexibility, and environmental adaptability, ribbon magnesium anodes serve as essential anti-corrosion materials in high-resistivity environments and complex engineering scenarios. Widely used in oil/gas pipelines, storage tanks, marine facilities, and lightning protection systems, they deliver a cost-effective and durable protection solution.



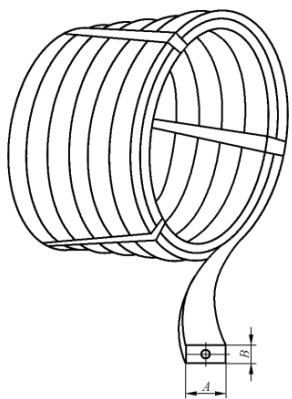
KEY FEATURES

- 1.High-efficiency anti-corrosion
- 2.Installation is convenient
- 3.Cost is low
- 4.Environmental protection

APPLICATIONS

- 1.Water Storage Tank Protection
- 2.Refinery Water Pipe Protection
- 3.Long Transmission Pipeline Protection
- 4.Oil and Gas Tank Protection

PRODUCT SPECIFICATIONS



A(mm)	B(mm)	kg/m
14.0	2.0	0.28
16.0	2.0	0.37
19.1	3.4	0.55
21.3	3.4	0.68
26.7	3.4	1.00
33.4	3.4	1.60
39.6	4.8	2.23
51.4	4.8	3.72

Type	Chemical component(%)								
	Mn	Al	Zn	Fe	Ni	Cu	Si	Other impurities	Mg
M1C	0.5-1.5	≤0.05	≤0.03	≤0.03	≤0.002	≤0.02	≤0.05	≤0.30	Balance

Type	Electrochemical properties			
	Open Voltage(V)	Closed Voltage(V)	Actual Capacitance(A.h/kg)	Efficiency(%)
M1C	-1.77~-1.82	-1.64~-1.69	≥1100	≥50
Note:All potentials are relative to CSE				