

Aluminum Flanged Anode

Aluminum Flanged Anode is an aluminum-based sacrificial anode specifically designed for low-current cathodic protection requirements of large storage tanks. The anode features an aluminum-zinc-indium (Al-Zn-In) alloy formulation, providing a stable operating potential and a current efficiency of up to 90%. It is suitable for corrosion protection of tank inner walls, bottom sediments, and water phase areas.



PRODUCT FEATURES

- 1.Low Current Output
- 2.Compact Form Factor
- 3.High Purity Alloy
- 4.Stable Performance

PRODUCT SPECIFICATIONS

Dimensions:1.25 inches(or 2 inches) × 24 inches

Head Specification:2-inch NPT threaded head with #10 thread cap

Mounting Method: Attached to a flange or hanging assembly

Steel Core:Plated steel core

Lead Wire:10 feet of #12 TW insulated copper wire, solder connected

Anode Electrochemical Properties:

Operating Potential(-V):1.10-1.18

Actual Capacitance:≥2500 A.h/kg

Current Efficiency:≥85%

Anode Chemical Composition(%):

Zn	In	Si	Cd	Cu	Fe	Al
2.50-5.75	0.015-0.040	≤0.12	≤0.002	≤0.003	≤0.09	Remainder

APPLICATIONS

- 1.Low current cathodic protection for large tanks
- 2.Corrosion protection for tank interior walls and bottom sediment areas
- 3.Water phase environment corrosion protection