

Product Overview

MMO (Mixed Metal Oxide) Coated Titanium Anodes are high-performance anodes specifically designed for long-term use in cathodic protection systems. These anodes combine the exceptional conductivity and durability of titanium with the superior electrochemical properties of MMO coatings, providing reliable and efficient protection for metal structures in harsh environments.

Applications:

- Protection of pipelines, tanks, and vessels in the oil and gas industry.
- Cathodic protection for reinforced concrete structures, including bridges and piers.
- Marine applications, such as hulls, docks, and seawater intakes.
- Utility infrastructure like power transmission towers and water treatment facilities.



| Description | Specifications |
|---|---|
| Manufacturer | Aion |
| Anode | MMO Coating / Titanium Tube |
| Substrate | ASTM B338 Titanium Grade I Titanium Tube |
| Coating | Ir-Ta Mixed Metal Oxide Catalyst |
| Anode Diameter | 16 / 25mm / Customization Options Available |
| Current Output | Current Output in Coke / Soil (100A/m2) Current Output in Seawater (600A/m2) |
| Size | 500 and 1000mm length options |
| Life Expectancy | 25 Years |
| Cable Options | 1x6-1x35mm2 XLPE / EPR-CSPE / HMWPE |
| Optional Anode Centralizer Kit Material | Tough ABS Plastic |
| Optional Anode Centralizer Outer Diameter Options | 224 / 288 mm / Customization Options Available |