

MMO Ribbon Anode

The MMO (Mixed Metal Oxide) ribbon is an advanced anode technology used primarily in cathodic protection systems to prevent corrosion of metal structures. MMO ribbons are known for their durability, high efficiency, and long service life. To provide a comprehensive analysis and conclusion on MMO ribbon technology.

MMO ribbons are made of a base metal, typically titanium Grade 1 or 2, coated with a layer of mixed metal oxides ($\text{IrO}_2/\text{Ta}_2\text{O}_5$). The oxides usually include iridium, ruthenium, and titanium, which enhance the anode's performance in various environments.

KEY FEATURES

1. Durability and Longevity
2. High and Stable Current Output
3. Min. Maintenance and Reliability
4. High Efficiency
5. Various Applications

PRODUCT SPECIFICATIONS

MMO Ribbon Anode

Substrate: Titanium - ASTM B265 Grade 1

Coating: $\text{IrO}_2/\text{Ta}_2\text{O}_5$

Dimension: 6.35mm×0.635mm

Current Output: 42mA/m

Resistance: $\leq 0.1\text{ohms/m}$

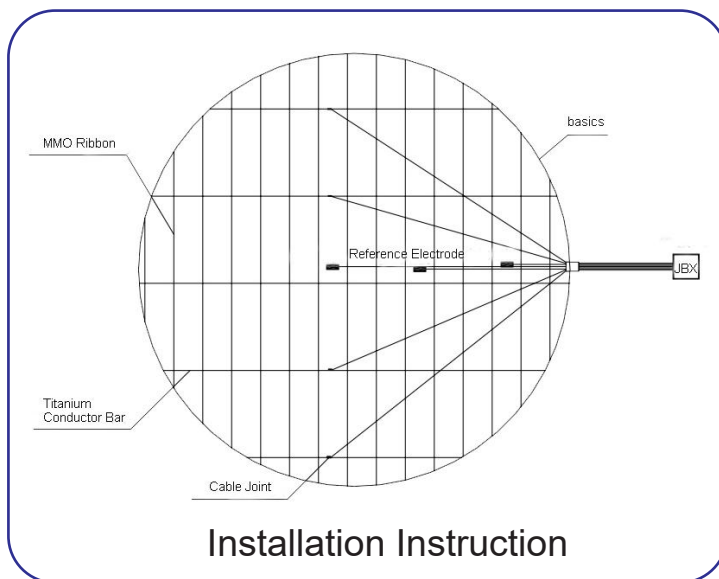
Life Expectancy: 50 years

Coil Length: 152m

Coil Weight: 2.8Kgs

APPLICATIONS

1. Storage Tank Protection
2. Concrete Rebar Protection
3. Offshore Structure Protection
4. Long Pipeline Protection



Titanium Conductor Bar

Titanium conductor bars are used to distribute electrical current from the power source (usually an impressed current anode system) to the protected structure. They effectively carry the electrical current across different parts of the structure that require protection.

■ KEY FEATURES

- 1.Durability and Longevity
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■ PRODUCT SPECIFICATIONS

Material: Titanium - ASTM B265 Grade 1

Dimension: 12.7mm×0.9mm

Life Expectancy: 50 years

Coil Length: 100m

Coil Weight: 5.5Kgs

■ APPLICATIONS

- 1.Storage Tank Protection
- 2.Concrete Rebar Protection
- 3.Offshore Structure Protection
- 4.Long Pipeline Protection

■ Power Feeder Connector

A power feeder connector is crucial for ensuring effective electrical connection and current distribution in various systems, contributing to the overall reliability and efficiency of the electrical network.

Material:

A: Titanium Bar - ASTM B265 Grade 1

B: Titanium Rod - ASTM B348 Grade 1

Dimension: 12.7mm Width Ti bar, Length Customized
3.0MM Width Rod, Length Customized

Welding Points: 6 Nos

Optional: Encapsulated with epoxy resin and connected with cable tail.

