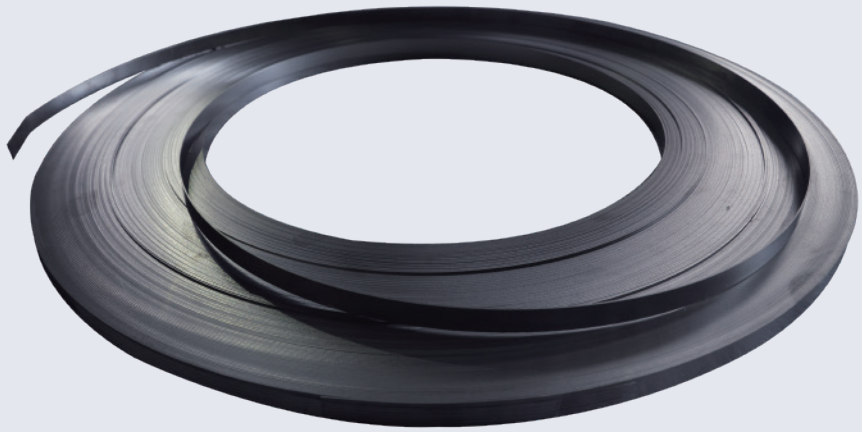
YUXI



MMO RIBBON ANODES

PRODUCT DATA SHEET

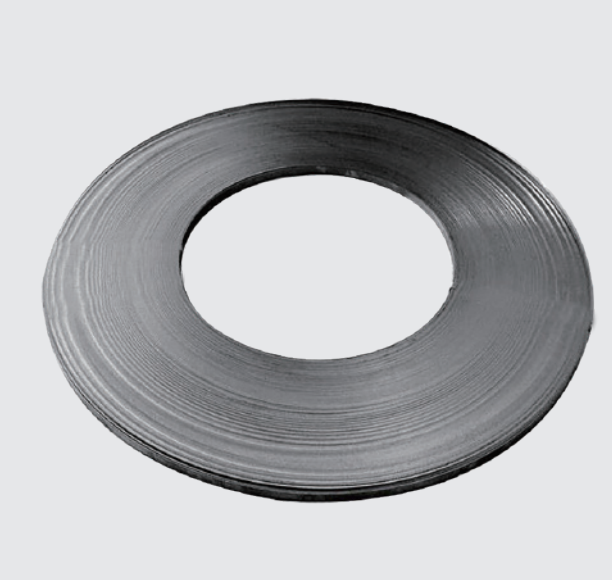
AMPP CORPORATE MEMBER

www.yuxi-anode.com

PRODUCT DATA SHEET

MMO RIBBON ANODES

MMO ribbon anode is used for cathodic protection applications where there is a high current demand and limited space. It can be directly buried into fine sand without any need for carbon backfill.



QUALITY SUBSTRATE MATERIAL

Our MMO ribbon anodes are manufactured from high-tensile titanium, which meets commercially ASTM B265 Grade I standards.

Element		Content (%)
Iron	(Fe)	0.20 max.
Carbon	(C)	0.08 max.
Nitrogen	(N)	0.03 max.
Hydrogen	(H)	0.015 max.
Oxygen	(O)	0.18 max.
Single Impurity	(Each)	0.10 max.
Other Impurities	(Total)	0.40 max.
Titanium	(Ti)	Remainder



NOBEL METAL OXIDE COATING

Our anodes are coated with iridium-tantalum mixed metal oxide catalyst as standard. It is recommended for use in soil where there is either no chloride ions or low chloride ions present.

Based upon accelerated life testing conducted by an independent laboratory, our MMO coating has been proven to be superior to other similar products in the market.

Technical Measurement	Performance
Coating Element	IrO_2, Ta_2O_5
Coating Thickness	0.5~1 μm
Coating Uniformity	85% min.
Working Environment	Fine sand, Concrete



* Depend on the form of usage, we can produce anodes with different nobel metal oxide ratios and differing coating thickness.

E-mail: info@yuxi-anode.com | Tel: +86 (574) 8388 2233 | Web: www.yuxi-anode.com

Copyright © 2023 ZHEJIANG YUXI CORROSION CONTROL CORPORATION — All rights reserved.

PRODUCT DATA SHEET

MMO RIBBON ANODES

PRACTICAL APPLICATION

Our MMO ribbon anode is designed for cathodic protection of tank bases. It is suitable for use on both newly constructed above ground storage tanks with secondary containment liners, and existing tanks utilizing double-bottom construction.





ELECTROCHEMICAL PROPERTIES

The current ratings are measured in dry sand environment based on one side of ribbon.

Item No.	Linear Resistance	Current Density	Current Output	Lifetime
YX-MMO-R01	0.138 Ω/m (0.04 Ω/ft.)	3 A/m² (0.278 A/ft²)	17 mA/m (5.2 mA/ft)	50 yrs.
YX-MMO-R02	0.069 Ω/m (0.02 Ω/ft.)	3 A/m² (0.278 A/ft²)	42 mA/m (12.8 mA/ft.)	50 yrs.

SPECIFICATIONS

Item No.	Width	Thickness	Length (per roll)	Surface Area	Weight
YX-MMO-R01	6.35mm ($^1/_4$")	0.635mm (0.025")	152m (500 ft.)	0.014m²/m	2.8kg (6.17 lbs)
YX-MMO-R02	12.7mm ($^1/_2$")	0.635mm (0.025")	152m (500 ft.)	0.028m²/m	5.6kg (12.34 lbs)

Note: All dimensions and weights shown above are nominal. The information provided is subject to change without notice.

E-mail: info@yuxi-anode.com | Tel: +86 (574) 8388 2233 | Web: www.yuxi-anode.com

Copyright © 2023 ZHEJIANG YUXI CORROSION CONTROL CORPORATION — All rights reserved.



Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheeps with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.

Go to Our Web

Follow Us on LinkedIn

YUXI

www.yuxi-anode.com

5/F, Building No.4,
1819 Yongmao East Road,
Ningbo 315201, China

E-mail: info@yuxi-anode.com
Tel: +86 (574) 83882233
Fax: +86 (574) 83882238