

# MIXED METAL OXIDE ANODES RIBBON TYPE

## DATASHEET 1.11

### MMO ANODES

A Mixed Metal Oxide / Titanium Ribbon Anode for Use In Fine Sand For Cathodic Protection Of Tank Bases. The anode is usually deployed in a Grid layout with Titanium Conductor Bars and Power Feed Connectors



Activation: Noble mixed metal oxides consisting of IrO<sub>2</sub> and Ta<sub>2</sub>O<sub>5</sub>.

Substrate material: Titanium to ASTM 265 Grade 1

Working environment: Evolution of O<sub>2</sub>, Cl<sub>2</sub> or a combination of both

Nominal dimensions of solid ribbon:

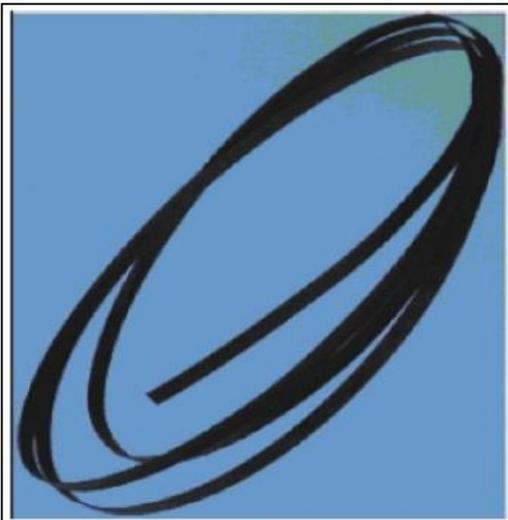
- Width: 6.35 mm
- Thickness: 0.635 mm
- Standard coil length: 100m
- Standard coil weight: 1.51 kg
- Surface area of ribbon: 0.014 m<sup>2</sup> per linear metre
- Design life: In excess of 50 years when operating at an anode current density of 3 A/m<sup>2</sup>.
- Current Output : 42 mA per linear metre maximum when operating at an anode current density of 3 A/m<sup>2</sup>

#### CONDUCTOR BAR

Conductor bar material: Titanium to ASTM 265 Grade 1

Nominal dimensions of Conductor Bar:

- Width: 12.7 mm
- Thickness: 0.9mm
- Standard Coil Length: 100m
- Standard Coil Weight: 5.12 kg



**BAC**<sup>®</sup>

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