

TECHNICAL DATA SHEET: NMT02

MIXED METAL OXIDE ACTIVATED 25.4mm DIA TITANIUM TUBULAR ANODE x 1000mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 20 or 30 YEARS IN SEAWATER

Product Code: MMO/Ti/Tube/25/1000/SW

Activation: Noble Mixed Metal Oxides consisting of IrO₂ and Ta₂O₅

Substrate Material: Titanium to ASTM Grade 1 or 2 Chemical Composition

Working Environment: Evolution of O₂, Cl₂ or a combination of both in seawater

Nominal Dimensions of 25.4mm Dia MMO/Ti Tubular Anode:

| | |
|-----------------------|-----------------|
| Diameter | 25.4mm (1 inch) |
| Length | 1000mm (3.28ft) |
| Wall Thickness | 0.9mm |
| Weight | 0.32 Kgs |

Surface Area of 25.4mm Dia MMO/Ti Tubular Anode x 1000mm: 0.08m²
Current Output of 25.4mm dia x 1000mm Anode when operating at 600A/m²: 48A

Design Life: 20 or 30 years when operating at 48A in seawater

Attenuation in current density when centre connected in 20 ohm.cms seawater – less than 1%

Internal Resistance of a 0.5m length of anode tube: 0.0035 ohms

MMO Anode supplied as a bare tube with cable attachment by others – anode to cable contact resistance to be less than 0.001 ohms.