

TECHNICAL DATA SHEET: TELPRO.01

MIXED METAL OXIDE ACTIVATED 25.4mm DIA TITANIUM TUBULAR ANODE x 1000mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 20 YEARS IN CALCINED PETROLEUM COKE.

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

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 calcined petroleum coke

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

Diameter 25.4mm (1 inch)

Length 1000mm (3.28ft)

Wall Thickness 0.9mm

Weight 0.32kgs

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 100A/m²: 8A

Design Life: 20 years when operating at 8A in calcined petroleum coke

Attenuation in current density when centre connected in 250 ohm.cms soil – 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.