

TECHNICAL DATA SHEET: TELPRO.05A

MIXED METAL OXIDE ACTIVATED 31.8mm DIA TITANIUM TUBULAR ANODE x 2000mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 20 YEARS IN SEAWATER

Product Code: MMO/Ti/Tube/31.8/2000/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 31.8mm Dia MMO/Ti Tubular Anode:

Diameter 31.8mm (1.25 inch)

Length 2000mm (6.56ft)

Wall Thickness 0.9mm

Weight 0.96 Kgs

Surface Area of 31.8mm Dia MMO/Ti Tubular Anode x 2000mm: 0.20m²

Current Output of 31.8mm dia x 2000mm Anode when operating at 600A/m²: 120A

Design Life: 20 years when operating at 120A in seawater

Attenuation in current density when centre connected in 25 ohm.cms seawater – less than 1%

Internal Resistance of a 0.5m length of anode tube: 0.0027 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.