

TECHNICAL DATA SHEET: TELPRO.02A

MIXED METAL OXIDE ACTIVATED 25.4mm DIA TITANIUM TUBULAR ANODE x 1280mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 30 YEARS IN SEAWATER

Product Code: MMO/Ti/Tube/25/1280/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 1280mm (4.2ft)

Wall Thickness 0.9mm

Weight 0.41 Kgs

Surface Area of 25.4mm Dia MMO/Ti Tubular Anode x 1280mm: 0.102m²

Current Output of 25.4mm dia x 1280mm Anode when operating at 441A/m²: 45A

Design Life: 30 years when operating at 45A 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: 0.0035 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.