

TECHNICAL DATA SHEET: NMT10

MIXED METAL OXIDE ACTIVATED 19.05mm DIA TITANIUM TUBULAR ANODE x 1000mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 20 YEARS IN SOIL

Product Code: MMO/Ti/Tube/19.05/1000/S/16/K

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 Soil

Nominal Dimensions of 19.05mm Dia MMO/Ti Tubular Anode:

Diameter 19.05mm (3/4 inch)

Length 1000mm (3.28ft)

Wall Thickness 0.9mm

Weight 0.23kgs

Surface Area of 19.05mm Dia MMO/Ti Tubular Anode x 1000mm: 0.06m²

Current Output of 19.05mm dia x 1000mm Anode when operating at 100A/m²: 6A

Design Life: 20 years when operating at 6A in soil

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: 0.0048 ohms

MMO Anode supplied with cable attachment 16mm² Kynar/HMWPE – anode to cable contact resistance to be less than 0.001 ohms.