

TECHNICAL DATA SHEET: NMT.07

RIBBON ANODES FOR USE IN FINE SAND AND CONCRETE

Product Code: NMT/MMO/Ti/Ribbon/Fine/Sand/Concrete

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

Nominal Dimensions of Solid Ribbon:

Width:	6.35mm (0.25 inches)
Thickness:	0.635mm (0.25 inches)
Standard Coil Length:	76.22m (250 ft)
Standard Coil Weight:	1.12kgs (2.5 lbs)
Surface Area of Ribbon:	0.014m ² per m

Current Output of Ribbon in Fine Sand: 42mA per m (12.8mA/ft) when operating at an anode current density of 3A/m² (0.278 A/ft²)

Design Life: 50 years + when operating at an anode current density of 3A/m² (0.278A/ft²)

Current Output of Ribbon in Concrete: 1.5mA per m (0.45mA/ft) when operating at an anode current density of 100A/m² (10.19mA/ft²)

Design Life: 100 years + when operating at an anode current density of 110 A/m² (10.19mA/ft²)