

TUBULAR ANODES

NMT[®] Electrodes Tubular Anodes are manufactured using titanium which meets ASTM B338 Grade 1 or 2 standards.

NMT[®] Electrodes' Mixed Metal Oxide coatings are electrically conductive which activates the titanium tube allowing it to function as an anode.

NMT[®] Electrodes Mixed Metal Oxide Anodes have an extremely low consumption rate; therefore, the titanium substrate remains nearly constant throughout the design life of the anode. This provides a consistently low resistance anode.

NMT[®] Electrodes Mixed Metal Oxide Anodes exhibit high chemical stability even when exposed to low pH (acidic) environments and are suitable for use in chlorine- or oxygen-evolving electrolytes or a combination of both.

ADVANTAGES

- Resin-filled and helium tested to prove effective seal of the connection
- Cable-end of anode protected with Teflon[®] sleeve
- Centre connection has extremely low resistance (less than 0.001 OHMS)
- Dimensionally stable

Environment	Anode diameter	Anode length	Current output	Lifespan
Coke, Soil & Freshwater	19mm	1220mm	7 amps	20 years
	25mm	500mm	4 amps	20 years
	25mm	1000mm	8 amps	20 years
	25mm	1220mm	10 amps	20 years
	25mm	1500mm	12 amps	20 years
Seawater	31.75mm	1220mm	12 amps	20 years
	19mm	1220mm	45 amps	20 years
	25mm	500mm	25 amps	20 years
	25mm	1000mm	50 amps	20 years
	31.75mm	1220mm	75 amps	20 years

NOTES:

- A variety of cable types and sizes available upon request
- Coating loading may be adjusted to customers specifications of current density or design life
- While standard anodes have a design life of 20 years, design life of up to 50 years can be achieved, upon request.



Environment	Max. Current Density	Lifespan
Carbonaceous Backfill	50 A/m ²	20 years
Calcined Petroleum Backfill	100 A/m ²	20 years
Fresh Water	100 A/m ²	20 years
Brackish Water	100 - 300 A/m ²	20 years
Seawater	600 A/m ²	20 years