

MMO Wire Anode for Cathodic Protection

Ir-Ta MMO-coated titanium wire anodes, $\Phi 1.0$, $\Phi 1.5$ and $\Phi 3.0$ mm on ASTM B863 Grade 1 wire, with current output for 20, 30 and 50-year design lives.

Key Specifications

Substrate	Grade 1 titanium wire, ASTM B863
Coating	Ir-Ta MMO
Diameters	$\Phi 1.0$, $\Phi 1.5$, $\Phi 3.0$ mm
Current output, 20-year design	67 / 89 / 195 mA/m
Current output, 50-year design	28 / 41 / 78 mA/m

Current Output by Design Life

Wire diameter	20-year design	30-year design	50-year design
$\Phi 1.0$ mm	67 mA/m	45 mA/m	28 mA/m
$\Phi 1.5$ mm	89 mA/m	65 mA/m	41 mA/m
$\Phi 3.0$ mm	195 mA/m	130 mA/m	78 mA/m

A longer design life is reached by running the same wire at a lower current. The ratings are typical design values; wire diameter, coating and output are designed to order for a specific current requirement and life.

Applications

- Connected and non-connected horizontal groundbeds
- Shallow vertical groundbeds
- Above-ground and underground storage tanks
- Water storage tanks
- Cable protection

Supply

Wire anodes are supplied on spools, each labelled with its serial number, product name, diameter and length — for example 200 m of $\Phi 1.5$ mm wire per spool.

Each batch ships with an outgoing inspection report that records measured values. The inspection items for wire are agreed with the order; the methods used across our anode range are described on the [titanium anodes overview](#).

Samples, Shipping and Response

- **Samples:** 1–2 sample anodes can be supplied for evaluation before you order.
- **Shipping:** anodes have been shipped to Malaysia and Dubai (UAE). We quote FOB, CIF or DDP; for DDP we handle import customs clearance.
- **Response:** every enquiry receives a reply within 24 hours.

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Current version online: <https://titaniumseller.com/products/titanium-anodes-and-electrodes/mmo-wire-anode/>