



TELPRO

TITANIUM ELECTRODE PRODUCTS COMPANIES
MANUFACTURERS OF MMO AND PLATINIZED TITANIUM ELECTRODES

TELPRO CANISTERED MESH ANODE

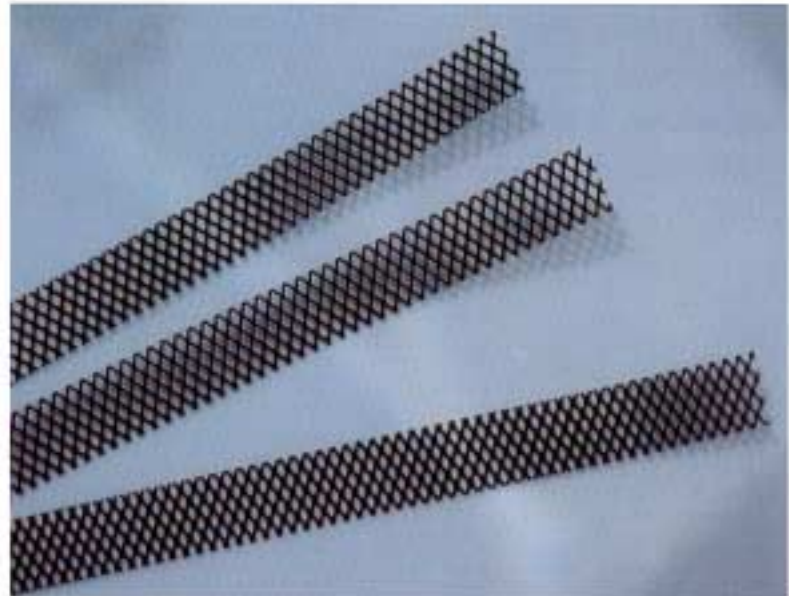
Titanium Electrode Products Companies "TELPRO" are the manufacturer of mixed metal oxide anodes for cathodic protection.

TELPRO Mesh Anodes are manufactured using titanium expanded mesh substrate, which meets ASTM B265 Grade 1 or 2, that has been coated with TELPRO MMO Coating.

TELPRO coating consists of $\text{IrO}_2/\text{Ta}_2\text{O}_5$ and is suitable for use in soils, carbonaceous backfill, freshwater, brackish water and seawater. Mixed Metal Oxide Coating is generally accepted by the cathodic protection industry to be satisfactory for both chlorine and oxygen evolving electrolytes.

Based on accelerated life testing conducted by an independent laboratory, TELPRO MMO coating has proven to be superior or equivalent to other mixed metal oxide coatings currently being used. A copy of the test report is available upon request.

Strict quality control procedures are followed throughout the



coating process to insure proper coating adhesion and loading. Production of a quality product is fundamental in every step of the manufacturing process.

Mixed metal oxide anodes have an extremely low consumption rate. The titanium substrate remains constant throughout the design life of the anode.

Advantages

- ◊ Lightweight and unbreakable
- ◊ Electrical connection fully encapsulated in resin
- ◊ Connection resistance less than 0.001 ohms
- ◊ Fine petroleum coke used to ensure efficient current distribution from anode
- ◊ Lower cost than 3" x 60" silicon iron anodes
- ◊ Lighter weight means less freight cost

TELPRO Canistered Mesh Anode has been designed to replace the massive 3" x 60" silicon iron anodes in horizontal and shallow vertical groundbeds. The anode has the same current output as the 3" x 60" silicon iron anode and is assembled within a cokebreeze backfill in the same manner.

