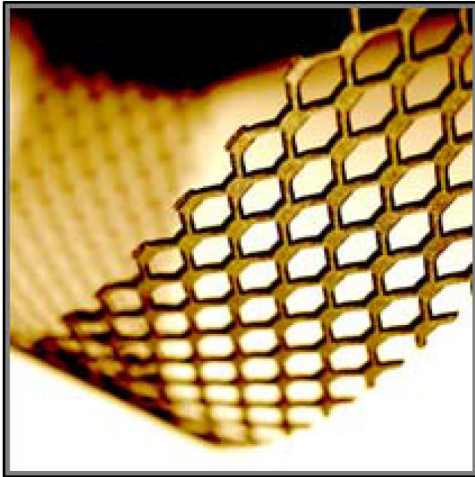


MESH STRIP ANODES DATA SHEET



TELPRO Mesh Anodes are manufactured using a titanium expanded mesh substrate, which meets ASTM B265 Grade 1 or Grade 2, which has been coated with TELPRO Mixed Metal Oxide coating.

TELPRO MMO coating consists of IrO₂/Ta₂O₅ and is suitable for use in all cathodic protection applications. Because mixed metal oxide anodes have an extremely low consumption rate, the titanium substrate remains constant throughout the design life of the anode.

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

Strict quality control procedures are followed throughout the entire coating process, to guarantee proper coating adhesion and loading. Also, TELPRO products are tested using an X-Ray Fluorescence Spectrometer, to ensure production of the highest quality product, which is fundamental in every step of the manufacturing process.

APPLICATIONS

PIPELINES

STORAGE TANKS

IN PLANT PIPEWORK

VESSELS

TELPRO's Canistered Mesh Anodes have been designed specifically to replace the massive 3" x 60" silicon iron anodes, typically used in horizontal and shallow ground beds. The TELPRO Mesh Strip Anode is 1.25" wide by 48" long and is rated at 5 amps, for a 20 year design life, in fine petroleum coke. TELPRO Mesh Strip Anodes can be packaged in galvanized steel canisters or flexible fabric sleeves, both of which are available in a wide variety of diameters and lengths.

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

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