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.

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.
MESH STRIP ANODES DATA SHEET

CABLE OF YOUR CHOICE

CANISTER CAP

CABLE TO MESH ANODE CONNECTION AND RESIN ENCAPSULATION

SPIRAL WOUND GALVANISED STEEL CANISTER

MESH STRIP ANODE 1.25” WIDTH X 48” LENGTH, RATED 5A / 20 YEARS DESIGN LIFE IN COKE BREEZE BACKFILL

CANISTER FILLED WITH CALCINED PETROLEUM COKE BREEZE, 99% FIXED CARBON CONTENT

DIFFERENT SIZES, CURRENT RATINGs, DESIGN LIFES AVAILABLE UPON REQUEST.