

MIXED METAL OXIDE ANODES FLEXIBLE LINEAR TYPE

DATASHEET 1.13

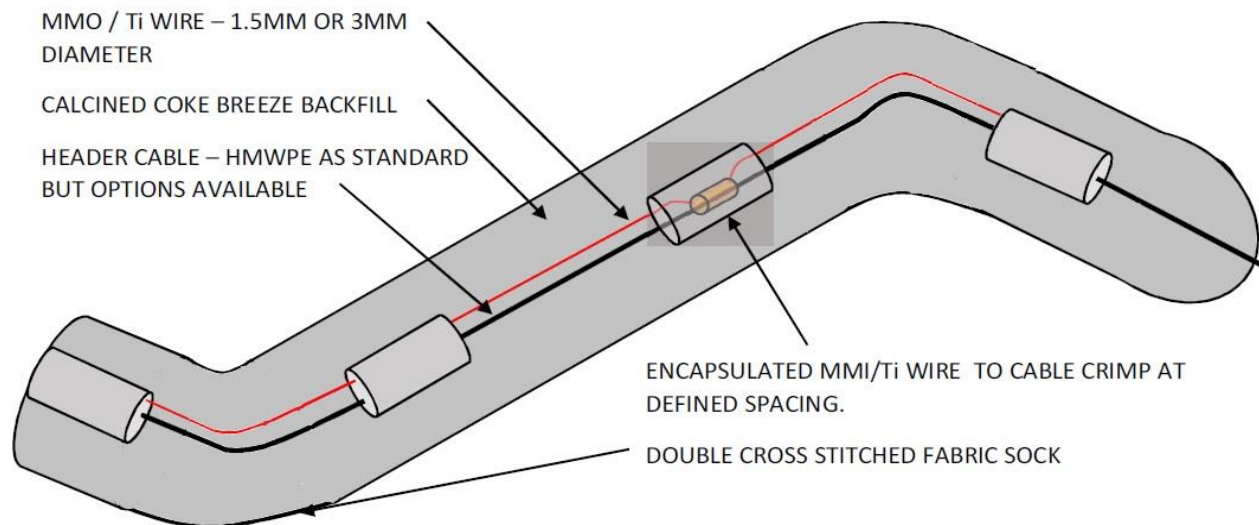
MMO ANODES

MMO Flexible Linear Anodes can be assembled using titanium Wire Anodes (ASTM B348), or Ribbon Anodes (ASTM B265) which have been coated with Mixed Metal Oxide Coating.

MMO Flexible Linear Anodes are a flexible, packaged linear anode assembly. The linear anode is packaged in a highly absorbent fabric sleeve. This sleeve is sewn using a double interlocking stitch, which prevents the seam from separating during installation, or when stored in high temperature conditions. The sleeve is filled using a high quality, calcined petroleum coke. The overall assembly is protected by a interwoven plastic braid to ensure the long term integrity of the product structure



LAYOUT OF FLEX ANODE PRODUCT



- ANODE TO CABLE CONNECTION IS RESIN FILLED AND HELIUM TESTED FOR AN EFFECTIVE SEAL OF CONNECTION
- AVAILABLE WITH OUTPUTS RANGING FROM 16mA/LIN. FT. TO 400mA/ LIN. FT.
- PACKAGED USING HIGH QUALITY CALCINED PETROLEUM COKE IN A HIGHLY ABSORBENT FABRIC SLEEVE.
- FABRIC SLEEVE IS AVAILABLE IN 1.5" to 3" DIAMETERS WITH A VARIETY OF LENGTHS AVAILABLE
- FLEXIBLE AND LIGHTWEIGHT MAKES FOR EFFICIENT INSTALLATIONS
- REDUCES REQUIREMENT FOR IN PLANT ISOLATION

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TECHNICAL INFORMATION

Standard Current Ratings Available (output per linear meter / linear feet)	Lifetime (at full rated output) Lifetimes stated are nominal.
TYPE 52 – 52mA/m (~16mA/ft)	To be specified by client at enquiry stage or to be provided with 25 years life as standard.
TYPE 100 – 100mA/m (~30.5mA/ft)	
TYPE 250 – 250mA/m (~76mA/ft)	
Please note that FLEXIBLE LINEAR ANODES ANODES can be made according to client's custom specification. Please contact us for details stating current output required and design lifetime.	
Length (per sock):	Maximum 150m c/w 1m Of Cable either end.
Backfill :	Carbonaceous Backfill <ul style="list-style-type: none"> Type: Calcined petroleum coke Fixed Carbon: 99.8% Moisture: 0.07% Volatile: 0.02% Ash: 0.1% Particle Size: 1.0 mm (max.)
Anode materials :	Titanium Wire MMO/Ti Wire 1.5mm or 3mm ASTM B863 Grade 1 Or Titanium MMO/Ti Ribbon nominal dimensions: 6.35mm x 0.6mm ASTM B265 Grade 1
Sleeve Diameter :	38mm
Anode Cable :	To client specification but as standard #8 AWG(10mm ²) HMWPE with 1m free cable tail at either end for splicing/termination.
Custom Cable	Available as per client request in HALAR/HMWPE or PVDF/HMWPE
Cable To Wire / Ribbon Connection :	Every 10m as a minimum. Note that spacing will vary dependent upon several factors such as <ul style="list-style-type: none"> Anode used. Cable size Environment the Anode is placed in.