APPLICATION
Horizontal Groundbeds, Shallow Vertical Groundbeds.

STANDARD ANODE TYPES, DIMENSIONS AND OUTPUTS
MESH STRIP ANODES are manufactured using titanium expanded mesh substrate, which meets ASTM B265 Grade 1 or 2 standards
MESH STRIP ANODES are 1.25” wide x 48” long and are rated 5 Amps for a 20 year design life in calcined petroleum coke. The MESH STRIP ANODE can be packaged in a spiral wound, galvanized steel canister or a fabric sleeve.
Anode size and rating is calculated as follows,
- Max Operating current density of anode = 100A/m²
- Titanium Surface Area of 1.25” (32mm) Width x 48” (1220mm) Length Strip Mesh Anode = 0.05m²
- Titanium is coated with a proprietary MMO coating with a sufficient loading to last a minimum of 20 years at the specified current density.
- Surface area of anode is 0.05m² and at current density of 100mA/m² gives output 5A for minimum 20 years (or equivalent of 100 Amp/years at max current density of 100A/m²)

CABLE TYPES & CONNECTIONS
Anodes are factory assembled with a fully encapsulated cable connection.
Method of Connection : A stud bolt is passed through the mesh onto which a suitably sized cable lug is placed and then tightened with nuts and steel washers to create an electrical connection between mesh anode and cable. Electrical resistance test performed : Maximum connection resistance of 0.001 Ohm
Connection encapsulated with heat shrink sleeve
CABLE TYPES & CONNECTIONS
Standard cable types included HMWPE, XLPE/PVC, PVDF/HMWPE. When ordering please specify cable type, length and size (mm²).

CANNISTER TYPES AND DIMENSIONS

<table>
<thead>
<tr>
<th>Standard Sizes</th>
<th>Standard Gauges</th>
</tr>
</thead>
<tbody>
<tr>
<td>150mm Dia x 1500mm L</td>
<td>1.0mm 20bg</td>
</tr>
<tr>
<td>150mm Dia x 2000mm L</td>
<td>1.2mm 18bg</td>
</tr>
<tr>
<td>200mm Dia x 2000mm L</td>
<td>1.2mm 18bg</td>
</tr>
<tr>
<td>250mm Dia x 2000mm L</td>
<td>1.5mm 18bg</td>
</tr>
<tr>
<td>300mm Dia x 2000mm L</td>
<td>2.0mm 14bg</td>
</tr>
</tbody>
</table>