MATCOR probe anodes are used in cathodic protection systems for water boxes, internal surfaces of pipelines, vessels and other industrial applications.
PRODUCT DETAILS
MATCOR probe anode provides superior performance with the most advanced sealing system available. The MATCOR probe anode sealing is comprised of machined water stops, O-rings and sealing compounds subject to high pressure sealing during the final phase of assembly. MATCOR probe anodes are manufactured with a machined stainless steel housing and each probe anode is tested for water sealing and electrical isolation resistance. An optional conduit box is available.

COMPONENTS
• Probe anode segments are available in MMO and platinum/titanium. They are machined with sealing features.
• Probe anode housing is 304/316 stainless steel, schedule 80. Other materials are available.
• An optional conduit box is available.
• Internal features include O-rings, sealing compounds and water stops.

BENEFITS
Manufactured in the USA at MATCOR’s ISO 9001:2008 facility
100% tested for sealing and electrical resistance integrity
Many standard sizes available
Available in MMO and platinum/titanium
Please contact MATCOR engineering with questions and for assistance with probe anode selection and sizing.

**OPTIONS**
- Conduit box for anode connections: specify hub size for conduit connection
- MATCOR probe type reference electrodes in Ag/Ag/Cl, zinc or other material
- Cathodic protection system design
- Rectifiers and fittings

**ORDERING**
When ordering the MATCOR probe anode, provide the following:
- Current output
- Life required
- Fresh or sea water
- Nipple material
- Nipple length
- Diameter of anode rod
- Active length
- Inactive length
- MMO or platinum

Please contact MATCOR engineering with questions and for assistance with probe anode selection and sizing.

**PRODUCT DATA SHEET, P3**

**PROBE ANODES**
Impressed Current Anodes

**PROBE ANODE**

304/316 Stainless Steel or other 3/4", 1", 1-1/4" NPT Schedule 80

1/4-20 Stud

Sta-Kon Connector

3" Standard or as Specified

Inactive Area

Active Area

High Strength PVC Housing

Anode: Mixed Metal Oxide or Platinum/titanium

Probe Anode w/optional Conduit Housing

Anode Diameter:
3/8", 1/2", 3/4" with 1" or 1.25" sizes available

Anode Length:
Active: typical 6-12" Inactive: typical 6-12"

**CONTACT A CORROSION EXPERT**
+1 215 348 2974
matcor.com
### STANDARD SIZES AVAILABLE

<table>
<thead>
<tr>
<th>MATCOR Base Part No.</th>
<th>Anode Diameter Inches (mm)</th>
<th>Active Length Inches (mm)</th>
<th>Platinum Current Output Amps</th>
<th>MMO Current Output Amps</th>
<th>Thread Sizes Available NPT Inches</th>
<th>Resistance Ohms In Seawater 25 Ω-cm</th>
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<td>0.375 (9.5)</td>
<td>6 (152.4)</td>
<td>1.65</td>
<td>3.2</td>
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The probe anode inactive area can be provided in varying lengths to accommodate the design and installation. If separation from the structure is not a concern, a minimum inactive length of 3” (76.2 mm) is acceptable.