YUXI



HEAT TREATER ALUMINUM ANODE BALL

PRODUCT DATA SHEET

AMPP CORPORATE MEMBER

www.yuxi-anode.com

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HEAT TREATER ALUMINUM ANODE BALL

This aluminum anode ball is a compact easily replaced sacrificial anode which is installed in heat treaters, pressure vessels and other production vessels. It works optimally at relatively high temperatures and low chloride saltwater or freshwater environments.

CHEMICAL COMPOSITION

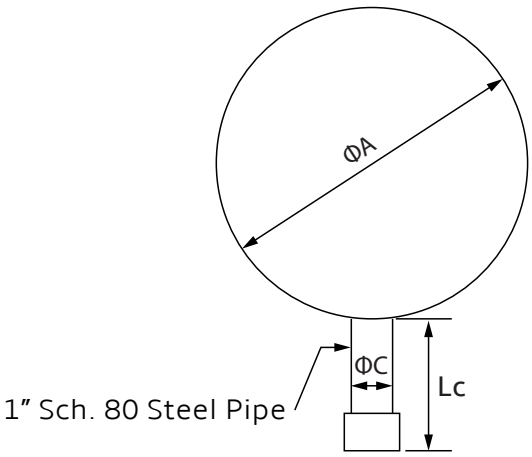
Element		Content (%)
Zinc	(Zn)	4.000 ~ 7.000
Indium	(In)	0.020 ~ 0.050
Magnesium	(Mg)	0.500 ~ 1.500
Silicon	(Si)	0.100 max.
Iron	(Fe)	0.150 max.
Copper	(Cu)	0.01 max.
Titanium	(Ti)	0.010 ~ 0.080
Other Impurities		0.100 max.
Aluminum	(Al)	Remainder



ELECTROCHEMICAL PROPERTIES

Technical Measurement	Performance
Open Circuit Voltage (min)	-1.10 Volts
Closed Circuit Voltage (min)	-1.05 Volts
Current Capacity	2500 A.h/kg (1135 A.h/lbs)
Current Efficiency (min)	90%
Consumption Rate	3.4 kg/A.y (7.6 lbs/A.y)

* The open/closed circuit voltage is with respect to a Ag/AgCl reference electrode.



SPECIFICATIONS

Item No.	Ball Diameter (ΦA)	Core Size (ΦC)	Extended Length(Lc)	NPT	Net Weight	Gross Weight
YX-AL-B47	250mm (9.84")	34mm (1.3")	102mm (4.0")	1"	21.7kg (47.8 lbs)	22.5kg (49.5 lbs)

Note: All dimensions and weights shown above are nominal. The information provided is subject to change without notice.

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Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheep with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.

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