

HEAT TREATER ALUMINUM ANODE ROD

PRODUCT DATA SHEET

HEAT TREATER ALUMINUM ANODE ROD

Casted from high-voltage and high-potential alloy, our aluminum anode is designed to meet the standard GALVALUM III, containing nominal amounts of indium, zinc, and silicon. It has a proven track record for delivering superior cathodic protection for any type of structure requiring a compact solution in highly corrosive saltwater/brines with elevated temperatures. It is typically applied in heater treaters, heat exchangers, salt water storage tanks, oilfield tanks, skimmers, oil-separation vessels, pressure vessels and other production vessels.

This anode can be assembled with high compression molded fiberglass anode mount caps (blue or red). The red one can be installed in standard 4" SCH 40 fittings with grooved couplings. The blue one can be used for mounting in standard 4" SCH 80 fittings with grooved couplings.

CHEMICAL COMPOSITION

Element		Content (%)
Zinc	(Zn)	2.800 ~ 6.500
Indium	(In)	0.010 ~ 0.020
Silicon	(Si)	0.080 ~ 0.200
Iron	(Fe)	0.120 max.
Copper	(Cu)	0.006 max.
Cadmium	(Cd)	0.002 max.
Other Impurities		0.120 max.
Aluminum	(Al)	Remainder

ELECTROCHEMICAL PROPERTIES

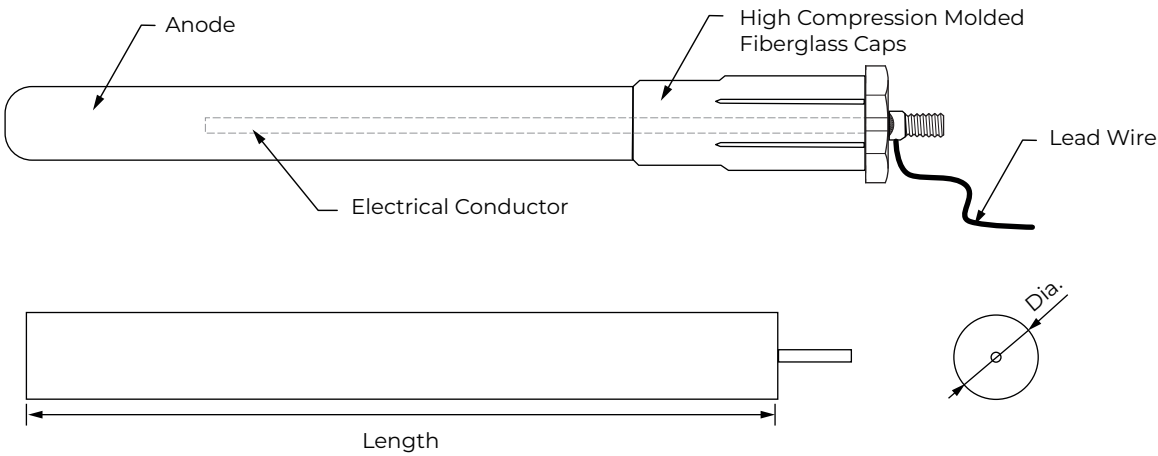
Technical Measurement	Performance
Open Circuit Voltage (min)	-1.10 Volts
Closed Circuit Voltage (min)	-1.05 Volts
Current Capacity	2500 A.h/kg (1135 A.h/lbs)
Current Efficiency (min)	90%
Consumption Rate	3.4 kg/A.y (7.6 lbs/A.y)

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



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SPECIFICATIONS



Item No.	Diameter	Length	Core Size	Net Weight	Gross Weight
YX-AL-R30	76mm (3")	762mm (30")	3/4" - 10UNC	8.4kg (18.5 lbs)	10kg (22 lbs)
YX-AL-R60	76mm (3")	1524mm (60")	3/4" - 10UNC	16.8kg (37.0 lbs)	20kg (44 lbs)

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





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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