



HIGH SILICON CAST IRON ANODE SLED

PRODUCT DATA SHEET

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With six heavy high silicon cast iron tubular anodes mounted on a PVC pipe frame filled with reinforced concrete, this anode sled is designed to provide cathodic protection current to offshore structures such as oil platforms, piers, pilings, wharfs and similar structures which usually require relatively high levels of current in seawater. The anodes will be connected to a shore-based rectifier by means of two parallel insulated cables.

CHEMICAL COMPOSITION

Our high silicon cast iron tubular anode mounted on the base meets the high chemistry standard as per ASTM A518/A518M Grade 3, particularly suited for more severe environments (such as brackish water or saltwater).

Element		Content (%)
Silicon	(Si)	14.20 ~ 14.75
Chromium	(Cr)	3.250 ~ 5.000
Manganese	(Mn)	1.500 max.
Copper	(Cu)	0.500 max.
Molybdenum	(Mo)	0.200 max.
Carbon	(C)	0.700 ~ 1.100
Phosphorus	(P)	—
Sulphur	(S)	—
Iron	(Fe)	Remainder

ELECTROCHEMICAL PROPERTIES

Technical Measurement	Performance
Current Density (A/m ²)	10 ~ 50
Consumption Rate (kg/A.y)	0.34 ~ 0.68

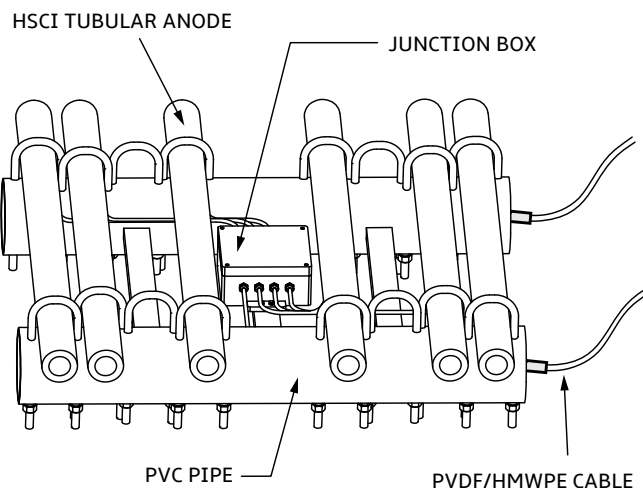
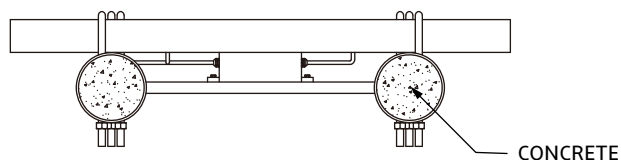
SPECIFICATIONS

Anode Dimensions: Ø122x2134mm (Ø4.8" x 84")

Anode Weight: 476.4kg (1050.3 lbs)

Max. Current Capacity: ≥2000 A.y

Utilization Efficiency: 85%





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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