



CATHODIC  
PROTECTION  
CO LTD

# Silicon Iron Anodes

## APPLICATION

Marine structures, seawater intakes, deep well ground beds, horizontal ground beds, distributed anodes, tank internals & tank bottoms.

Suitable for use in soils, mud, carbonaceous & petroleum coke backfill; fresh, brackish and sea water.



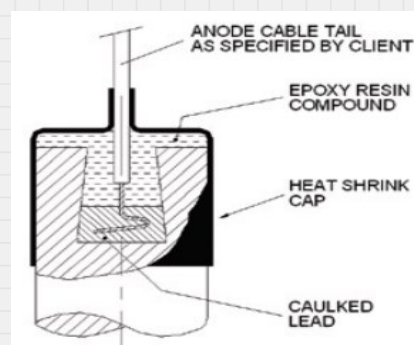
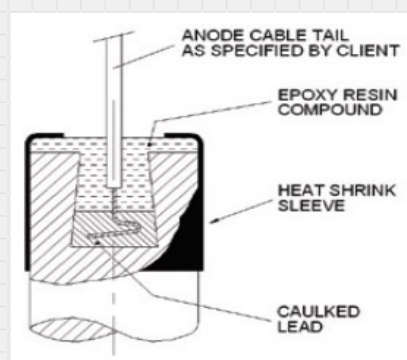
## SILICON IRON ANODE DATA

	Normal	Chrome
Silicon	14.50%	14.50%
Manganese	0.75%	0.75%
Carbon	0.85%	0.95%
Chromium	-	4.50%
Iron	Remainder	Remainder

### Typical Rates

Normal Alloy	0.5 kg/amp/year
Chrome Alloy	0.2 kg/amp/year

## CABLE CONNECTION

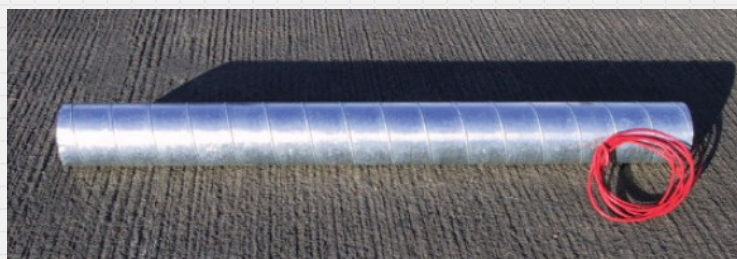
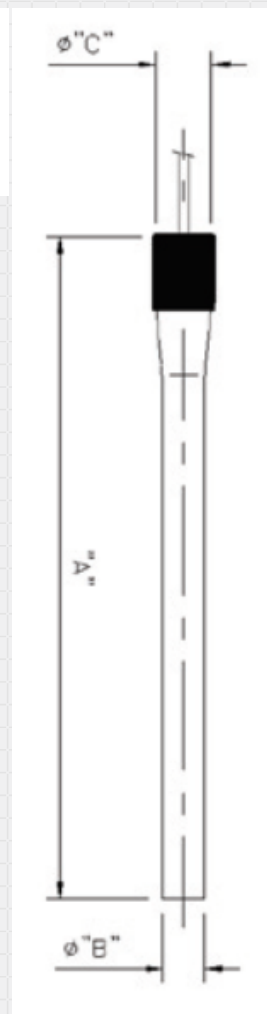


## Silicon Iron Rod Anodes

### CABLE TYPES

Available cable types include : XLPE/PVC, HMWPE, PVDF/HMWPE (Kynar/HMWPE), XLPE/PVC/SWA/PVC, EPR/CSPE.

Type	A	B	C	Surface Area	Surface Area	Approx Weight	Approx Weight
	(in)	(in)	(in)	(m <sup>2</sup> )	(ft <sup>2</sup> )	(kg)	(lbs)
36/2.0	36	2.0	3.0	0.16	1.70	14.50	32
36/2.5	36	2.5	3.5	0.20	2.20	22.30	49
36/3.0	36	3.0	4.0	0.23	2.50	31.40	69
48/2.0	48	2.0	3.0	0.20	2.20	19.10	42
48/2.5	48	2.5	3.5	0.25	2.70	28.60	63
48/3.0	48	3.0	4.0	0.30	3.30	40.90	90
60/2.0	60	2.0	3.0	0.25	2.70	22.70	50
60/2.5	60	2.5	3.5	0.32	3.40	35.90	79
60/3.0	60	3.0	4.0	0.38	4.00	50.00	110
60/4.5	60	4.5	4.5	0.55	5.90	99.10	218



#### Standard Sizes

#### Standard Gauges

150mm Diameter x 1500mm L

1.0mm 20bg

200mm Diameter x 2000mm L

1.2mm 18bg

250mm Diameter x 2000mm L

1.5mm 18bg

300mm Diameter x 2000mm L

2.0mm 14bg