

## Coated Pipe Chart

Soil Resistivity in ohm-cm				1K	2K	3K	4K	5K	6K	7K	8K	9K	10K
Anode Recommendation				48#	48#	32#	17#	17#	9#	9#	9#	9#	9#
Nominal Output in milliamperes				208	104	55	40	33	20	17	15	14	12
Nominal Life in years				11	22	28	20	25	22	25	29	32	36
Pipe inch	O.D. inch	Surface Area Ft <sup>2</sup> /L.F.	Current Reqmt. mA/L.F.	Nominal Anode Spacing in feet									
2	2.275	0.60	0.06	3494	1747	924	672	554	336	286	252	235	202
4	4.50	1.18	0.12	1766	883	467	340	280	170	144	127	119	102
6	6.625	1.73	0.17	1200	600	317	231	190	115	98	87	81	69
8	8.625	2.26	0.23	922	461	244	177	146	89	75	66	62	53
10	10.75	2.81	0.28	739	370	196	142	117	71	60	53	50	43
12	12.75	3.34	0.33	623	312	165	120	99	60	51	45	42	36
14	14.00	3.66	0.37	568	284	150	109	90	55	46	41	38	33
16	16.00	4.19	0.42	497	248	131	96	79	48	41	36	33	29
18	18.00	4.71	0.47	442	221	117	85	70	42	36	32	30	25
20	20.00	5.23	0.52	397	199	105	76	63	38	32	29	27	23
22	22.00	5.76	0.58	361	181	96	69	57	35	30	26	24	21
24	24.00	6.28	0.63	331	166	88	64	53	32	27	24	22	19
26	26.00	6.80	0.68	306	153	81	59	49	29	25	22	21	18
28	28.00	7.33	0.73	284	142	75	55	45	27	23	20	19	16
30	30.00	7.85	0.79	265	132	70	51	42	25	22	19	18	15
32	32.00	8.37	0.84	248	124	66	48	39	24	20	18	17	14
34	34.00	8.90	0.89	234	117	62	45	37	22	19	17	16	13
36	36.00	9.42	0.94	221	110	58	42	35	21	18	16	15	13

Calculated values are based on current density of 2 milliamperes per square foot.  
 Calculated values based on a coating efficiency of 95%

## Bare Pipe Chart

Soil Resistivity in ohm-cm				1K	2K	3K	4K	5K	6K	7K	8K	9K	10K
Anode Recommendation				48#	48#	32#	17#	17#	9#	9#	9#	9#	9#
Nominal Output in milliamperes				208	104	55	40	33	20	17	15	14	12
Nominal Life in years				11	22	28	20	25	22	25	29	32	36
Pipe inch	O.D. inch	Surface Area Ft <sup>2</sup> /L.F.	Current Reqmt. mA/L.F.	Nominal Anode Spacing in feet									
2	2.275	0.60	1.19	175	87	46	34	28	17	14	13	12	10
4	4.50	1.18	2.36	88	44	23	17	14	8	7	6	6	5
6	6.625	1.73	3.47	60	30	16	12	10	6	5	4	4	3
8	8.625	2.26	4.51	46	23	12	9	7	4	4	3	3	3
10	10.75	2.81	5.63	37	18	10	7	6	4	3	3	2	2
12	12.75	3.34	6.67	31	16	8	6	5	3	3	2	2	2
14	14.00	3.66	7.33	28	14	8	5	5	3	2	2	2	2
16	16.00	4.19	8.37	25	12	7	5	4	2	2	2	2	1
18	18.00	4.71	9.42	22	11	6	4	4	2	2	2	1	1
20	20.00	5.23	10.47	20	10	5	4	3	2	2	1	1	1
22	22.00	5.76	11.51	18	9	5	3	3	2	1	1	1	1
24	24.00	6.28	12.56	17	8	4	3	3	2	1	1	1	1
26	26.00	6.80	13.61	15	8	4	3	2	1	1	1	1	1
28	28.00	7.33	14.65	14	7	4	3	2	1	1	1	1	1
30	30.00	7.85	15.70	13	7	4	3	2	1	1	1	1	1
32	32.00	8.37	16.75	12	6	3	2	2	1	1	1	1	1
34	34.00	8.90	17.79	12	6	3	2	2	1	1	1	1	1
36	36.00	9.42	18.84	11	6	3	2	2	1	1	1	1	1

Calculated values based on current density of 2 milliamperes per square foot.