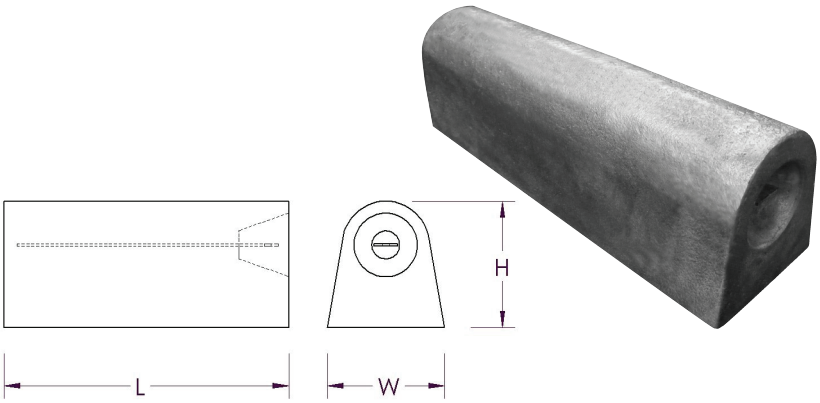
CANADA METAL
(PACIFIC) LIMITED

- FOUNDRY
- DIECAST
- CNC MACHINING

High-Potential Cast Magnesium Anodes

Canada Metal (Pacific) Ltd. offers the most powerful protection available today with our line of Hi-Potential Cast Magnesium anodes. Cast from high-purity magnesium these anodes produce an open circuit potential of 1.77-1.82 volts. Efficiency of the anode can be further enhanced when installed in a backfill of 75% gypsum, 20% bentonite and 5% sodium sulfate. This mixture allows optimal electrical current to flow more easily to the targeted structure by lowering the anode to earth resistance.

All Canada Metal (Pacific) Limited anodes are manufactured to strict quality control standards and on going audits to ensure the highest quality our customers have come to appreciate and expect.



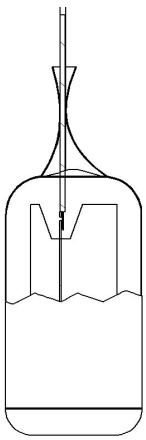
H1 Alloy Composition ASTM B-843

Element Content%

Aluminum	0.01
Manganese	0.5-1.3
Silicon	0.05
Copper	0.02
Nickel	0.001
Iron	0.03
Other (Total)	0.30
Magnesium	Balance

Description	Nominal Dimensions									
	Width (W)		Height(H)		Length (L)		Diameter (D)		Overall Length	
	in	mm	in	mm	in	mm	in	mm	in	mm
5lb Mg, 5" cardboard tube	3.5	89	3.7	95	7.9	200	5.2	133	12	300
5 lb Mg, Cotton bag	3.5	89	3.7	95	7.9	200	5.9	150	12	300
9 lb Mg, 5" cardboard tube	3.5	89	3.7	95	13.6	345	5.2	133	18	450
9 lb Mg, Cotton bag	3.5	89	3.7	95	13.6	345	5.9	150	18	450
17 lb Mg, 5" cardboard tube	3.5	89	3.7	95	25.2	641	5.2	133	30	760
17 lb Mg, Cotton bag	3.5	89	3.7	95	25.2	641	5.9	150	30	760
32 lb Mg, 8" cardboard tube	5.5	140	5.7	146	19.5	495	8.3	210	28	700
32 lb Mg, Cotton bag	5.5	140	5.7	146	19.5	495	7.9	200	28	710

Hi-Potential Cast Magnesium anodes are available packaged in a water permeable cardboard tube or cotton bags. All packaged anodes are prepackaged in low resistivity, quick wetting prepared backfill consisting of 75% hydrated gypsum, 20% bentonite, and 5% sodium sulphate. All anodes are available with a wide variety of connecting wires with our standard being 3 meters of solid or stranded RWU blue wire.



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www.canmet.com

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High Potential Cast Zinc Anodes

Canada Metal (Pacific) Limited full line up of Zinc packaged anodes are the most widely used and effective choice for preventing corrosion on select soils. All Zinc anodes are made to the ASTM B-418, Type II alloy standard allowing these anodes to produce an open circuit of 1.1 volts.

All packaged anodes are prepackaged in low resistivity, quick wetting prepared backfill consisting of 75% hydrated gypsum, 20% bentonite, and 5% sodium sulfate. This mixture allows optimal electrical current to flow more easily to the targeted structure by lowering the anode to earth resistance.

Zinc packaged anodes offer a 90% current efficiency and delivery a current capacity of 335 amp.-hrs/lb.

All Canada Metal (Pacific) Limited anodes are manufactured to strict quality control standards and on going audits to ensure the highest quality our customers have come to appreciate and expect.

ASTM B-418 Type II

Element Content %

Aluminum	0.002 max
Copper	0.002 max
Tin	0.001 max
Cadmium	0.003 max
Iron	0.0014 max
Lead	0.003 max
Others	0.010 max total
Zinc	Remainder

Description	Nominal Dimensions									
	Width (W)		Height(H)		Length (L)		Diameter (D)		Overall Length	
	in	mm	in	mm	in	mm	in	mm	in	mm
5lb Zinc 4” cardboard tube	1.5	38	1.5	38	10	254	4.3	108	13	340
6lb Zinc 4” cardboard tube	1.5	38	1.5	38	12	305	4.3	108	15	380
9lb Zinc 4” cardboard tube	1.5	38	1.5	38	18	457	4.3	108	21	530
12lb Zinc 4” cardboard tube	1.5	38	1.5	38	24	610	4.3	108	27	690
17lb Zinc 4” cardboard tube	1.5	38	1.5	38	34	860	4.3	108	37	940
24lb Zinc 4” cardboard tube	1.5	38	1.5	38	48	1220	4.3	108	51	1300

Zinc packaged anodes are available packaged in a water permeable cardboard tube complete with a wide variety of connecting lead wires.

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