



HOUSTON • MIDLAND • DENVER

Whether your project requires temporary or permanent CP, H-1 Magnesium soil anodes will bring your system to acceptable CP levels. H-1 alloy, also called Standard Potential Magnesium, provides excellent cathodic protection in low resistivity soil conditions.

BK's H-1 Magnesium anodes are cast to meet ASTM AZ63 and tested in accordance to ASTM G97 procedures. They are recommended for applications where soil resistivity is less than 2,000 ohm-cm.

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STANDARD SPECIFICATIONS

- 500-540 Amps/Hrs/Lb
- 50-54% current efficiency
- -1.50 to -1.60v Open Circuit Potential (Copper/Copper Sulfate)
- Standard stock lead wire 10ft or 20ft of #12 THHN/THWN or TW Solid wire. All leads Copper-Silver braised.
- Our packaged anodes are prepacked in bags or cardboard cartons with low-resistive, pre-mixed backfill consisting of 75% hydrated gypsum, 20% bentonite, and 5% sodium sulphate.

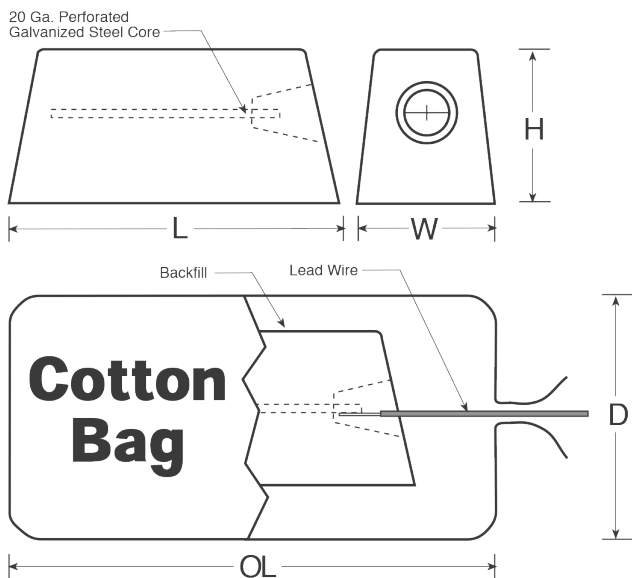
BENEFITS

- Lower current output allows anodes to operate longer than High Potential anodes in less-resistive, more conductive environments.
- A high-quality, cost-effective option
- Ideally suited for environments where overprotection is a concern.
- The backfill mixture lowers the anode to earth resistance and draws moisture to the anode for better performance and uniform consumption.

STANDARD SIZES AVAILABLE

PRODUCT NO.	SHIPPING PACKAGE	WEIGHT (LBS)		ANODE DIMENSIONS				
		BARE	PKG	Width (W)	Height (H)	Length (L)	Diameter (D)	Overall Length (OL)
BKMAG1H1	10/bag	1	5	1.5"	1.5"	8"	3.5"	10"
BKMAG3H1	5/bag	3	8	3"	3"	5"	5.25"	8"
BKMAG5H1	5/bag	5	13	3"	3"	8"	5.25"	11.25"
BKMAG9H1	2/bag	9	27	3"	3"	14"	5.25"	20"
BKMAG17H1	2/bag	17	45	4"	4"	17"	7.5"	24"
BKMAG32H1	1/bag	32	68	5"	5"	20.5"	8.5"	28"
BKMAG50H1	1/bag	50	100	7"	7"	16"	10"	24"
BKMAG60H1	1/bag	60	125	4"	4"	60"	7"	64"

PACKAGED FOR DELIVERY



ALLOY COMPOSITIONS

ELEMENT	Grade "A"	Grade "B"
Aluminum	5.3 - 6.7	5.3 - 6.7
Zinc	2.5 - 3.5	2.5 - 3.5
Manganese (Min)	0.15	0.15
Impurities		
Iron (Max.)	0.003	0.003
Nickel (Max.)	0.002	0.003
Copper (Max.)	0.02	0.05
Silicon (Max.)	0.10	0.30
Other (Max.)	0.30	0.30
Magnesium	Balance	Balance

Anodes are shipped on pallets in either a multi-wall paper sack or plastic bags, all of which should be removed prior to installation.