



HOUSTON • MIDLAND • DENVER

Whether your project requires temporary or permanent CP, High Performance Magnesium soil anodes will bring your system to acceptable CP levels. High Potential Magnesium provides excellent cathodic protection in low resistivity soil conditions.

They are recommended for applications where soil resistivity is more than 2,000 ohm-cm, and less than 10,000 ohm-cm. If soil resistivity is above 10,000 ohm-cm, BK recommends an impressed current system.



STANDARD SPECIFICATIONS

- 500-580 Amps/Hrs/Lb.
- 50-58% current efficiency
- -1.7 to -1.78v 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 braided.
- 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

- Higher driving voltage than standard magnesium anodes
- A high-quality, cost-effective option
- The backfill mixture lowers the anode to earth resistance and draws moisture to the anode for better performance and uniform consumption

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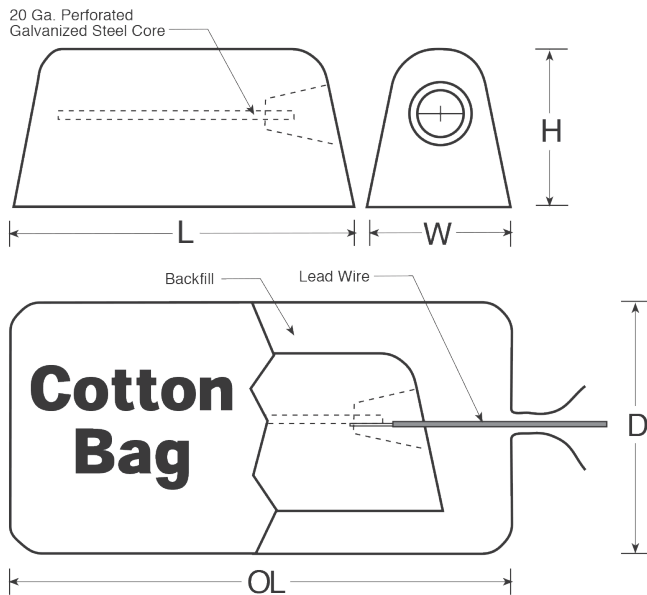
www.BKCORROSION.com

4411 Navigation Boulevard
Houston, TX 77011

STANDARD SIZES AVAILABLE

PRODUCT NO.	MODEL NO.	SHIPPING PACKAGE	WEIGHT (LBS)		ANODE DIMENSIONS				
			BARE	PKG	Width (W)	Height (H)	Length (L)	Diameter (D)	Overall Length (OL)
BKMAG1HP	1R8	10/bag	1	5	1.5"	1.5"	8"	3.5"	10"
BKMAG3HP	3D3	10/bag	3	8	3.5"	3.75"	5"	6"	10"
BKMAG5HP	5D3	5/bag	5	17	3.5"	3.75"	8.5"	6"	12"
BKMAG9HP	9D3	2/bag	9	27	3.5"	3.75"	14"	6"	17"
BKMAG17HP	17D3	2/bag	17	45	3.5"	3.75"	17"	7.5"	24"
BKMAG20HP	20D2	1/bag	20	70	2.75"	3"	59.75"	5"	66"
BKMAG32HP	32D5	1/bag	32	70	5.5"	5"	20.5"	8"	28"
BKMAG40HP	40D3	1/bag	40	96	3.5"	3.75"	45.25"	6.5"	53"
BKMAG48HP	48D5	1/bag	48	100	5.5"	5.75"	31"	8"	38"
BKMAG60HP	4x4x60	1/bag	60	125	4"	4"	60"	7"	64"

PACKAGED FOR DELIVERY



ALLOY COMPOSITIONS

ELEMENT	%
Aluminum	0.01
Manganese (Min)	0.5 - 1.3
Impurities	
Iron (Max.)	0.03
Nickel (Max)	0.001
Copper (Max)	0.02
Other (Max.)	0.30
Magnesium	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.