



**ANODE
SALES
COMPANY**

124 N 22nd Ct.
Grand Junction, CO 81501

Design

Installation

Materials

Surveys

Tel: 970 243-4149

Fax: 970 263-7295

Toll-free : 888-609-9766

Site: www.anodesalesco.com

Email: hans@anodesystems.com
james@anodesystems.com

Bare and Prepackaged Magnesium Anodes



Backfill is carefully sourced and mixed to ensure correct composition

Packaged by dedicated professionals with many years of experience who understand the importance of a uniform, tightly packed anode

Specifically engineered cotton bag will not rip when carried

Magnesium is cast only by hand-selected foundries and is third party tested.

TW insulated copper wire is rated for direct burial

**Assembled in the
USA**



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Magnesium Anodes

Magnesium anodes have the highest protection capability of any galvanic material. Magnesium is low on the noble scale, and therefore corrodes easily. We have Magnesium Anodes in a range of designs which are specifically crafted to offer different conductive properties and connection options to suit any type of structures.



Element	Chemical Composition (%)	
	Standard Potential	High Potential
	ASTM B843-AZ63B	ASTM B843-M1C
Aluminum	5.3 - 6.7	0.01
Zinc	2.5 - 3.5	-
Manganese	0.15 - 0.7	0.50 - 1.30
Silicon	0.1	0.05
Copper	0.02	0.005
Nickel	0.002	0.001
Iron	0.003	0.01
Other	0.30	0.30
Magnesium	Remaining	Remaining
Electrochemical Properties (-V)		
Open Voltage	1.50 - 1.55	1.70 - 1.75
Closed Voltage	1.45 - 1.50	1.58 - 1.62
Efficiency	≥50	≥55

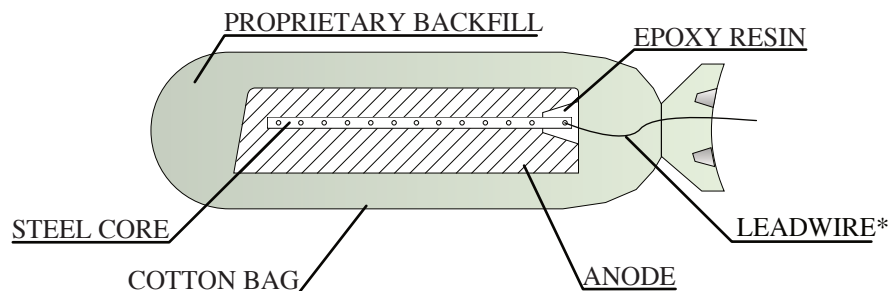


Prepackaged Magnesium Anodes

Each anode has a plated steel core with 10 feet of #12 TW insulated lead wire attached with solder.

Packaged anodes have a backfill mixture consisting of 75% Gypsum, 20% Bentonite and 5% Anhydrous Sodium Sulphate.

Applications include UST's, Pipe, AST bottoms or other carbon steel in contact with the soil.



* Many Cable types and sizes are available upon request



Magnesium Anodes