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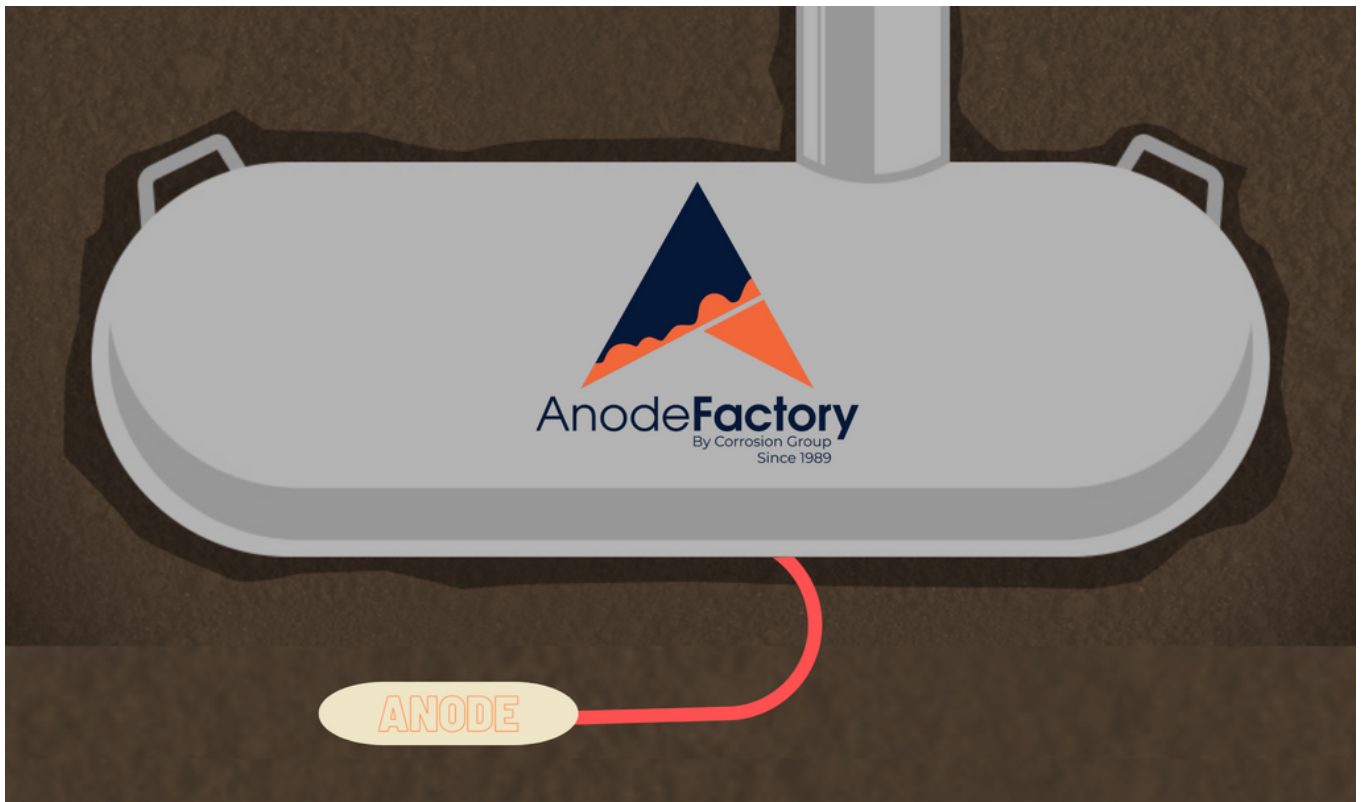
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Corrosion Group

Scandinavia's leading supplier of cathodic protection and corrosion prevention solutions.



Magnesium anode bag for underground tanks and steel structures

Magnesium Anode Bag 17lbs 1.7V, INCL 32 feet of 8 AWG red XLPE/PVC cable

You can provide complete cathodic protection to your underground installation by using the appropriate number of Anodes. If done correctly, this will provide protection against corrosion for tanks, piping, sheet pilings, and other structures. This means that your underground object will not need to be replaced for many years due to corrosion.

- Anode Weight: 7.7 KG/17lbs
- Purpose: With the right amount of Anodes, you can provide complete cathodic protection to your underground installation. Done correctly, this will provide immunity to corrosion for tanks, piping, sheet pilings, etc.
- Cable: AWG 8, insulated copper wire. Cable can be shortened to desired length
- Type: High Potential, 1.7V, Casted & Produced to meet ASTM B843

Soil type	Fertile Soils, Clay Sandy Loam		
Tank Cap.(Gal.)	5 to 5000 ohm-cm		
	Size	Qty.	Alloy
120	9#	1	H-1
150	9#	1	H-1
250	9#	1	H-1
350	9#	1	H-1
500	9#	1	H-1
1000	9#	2	H-1
1500	#17	2	H-1
2000	#17	3	H-1

Soil Type	Sand, Greal, Rocky Areas		
Tank Cap.(Gal.)	5 to 5000 ohm-cm		
	Size	Qty.	Alloy
120	9#	1	H-1
150	9#	1	H-1
250	9#	2	H-1
325	9#	2	H-1
500	9#	2	H-1
1000	9#	4	H-1
1500	9#	4	H-1
2000	9#	6	H-1

1. Decide size and quantity from the application chart.
2. Installing one anode: Place it near the center of the tank or the side.
3. Installing multiple anodes: Spread them evenly around the tank.
4. Remove shipping plastic packaging before installation.
5. Install anodes about two/three feet from the tank and at least as deep as the center line of the tank.
Note: Anodes work best in locations with permanent moisture, so generally the deeper the better.

6. Place anode, stretch out the anode connection wire and extend over to a connection point on the tank fill pipe.
7. If necessary, cover the anode with about six inches of backfill and pour 5 gallons of water on the anode to saturate the prepared backfill. This in order to ensure an efficient current distribution.
8. Anode wire and the tank should be connected with a low-no electrical resistance. The connections should all be coated with moisture-proof material.

- Example placement of anode
9. Ideally, the tank connection is made in the area of the tank fill pipe within the covered dome. With access to the anode wire, subsequent testing of the tank can include measurement of anode output and verification of performance.
 10. Verify performance of the anode using an appropriate test procedure.

Anode Installation guidance



- 1 Determine size and quantity of anodes from application chart
- 2 When a single anode is installed, it should be located near the tank center on either side of tank, always try to obtain an even coverage.
- 3 When multiple anodes are installed, space them evenly around the tank. See examples below.



Buried Propane Tank



Anode bag

WEIGHT LB/KG	WEIGHT TOTAL LB	CABLE	CABLE LENGHT
5LB/2KG	18LB/8KG	Red XLPE/PVC, 10MM2	32,80 FT
9LB/4KG	30LB/18KG	Red XLPE/PVC, 10MM2	32,80 FT
16LB/7KG	49LB/22KG	Red XLPE/PVC, 10MM2	32,80 FT
20LB/9KB	72,LB/32KG	Red XLPE/PVC, 10MM2	32,80 FT
32LB/14KG	85LB/38KG	Red XLPE/PVC, 10MM2	32,80 FT

TYPE	TYPE MG	TYP MG S
Aluminium	5.5-6,5	0,4
Copper	0,02 Max	0,3
Silicon	0,10 Max	0,78
Iron	0,05 Max	0,51
Maganese	0,15-0,50	1,5
Zinc	2,50-3,50	1,2
Other (each)	0,05 Max	0,46
Magnesium	Remaining	Remaining
Potential V	-1,5	-1,7
Capacity A*H/KG	1230	1230