

Our Services



Design and Engineering



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Testing and Verification



Worldwide delivery, **fast**.

CELEBRATING
35
YEARS
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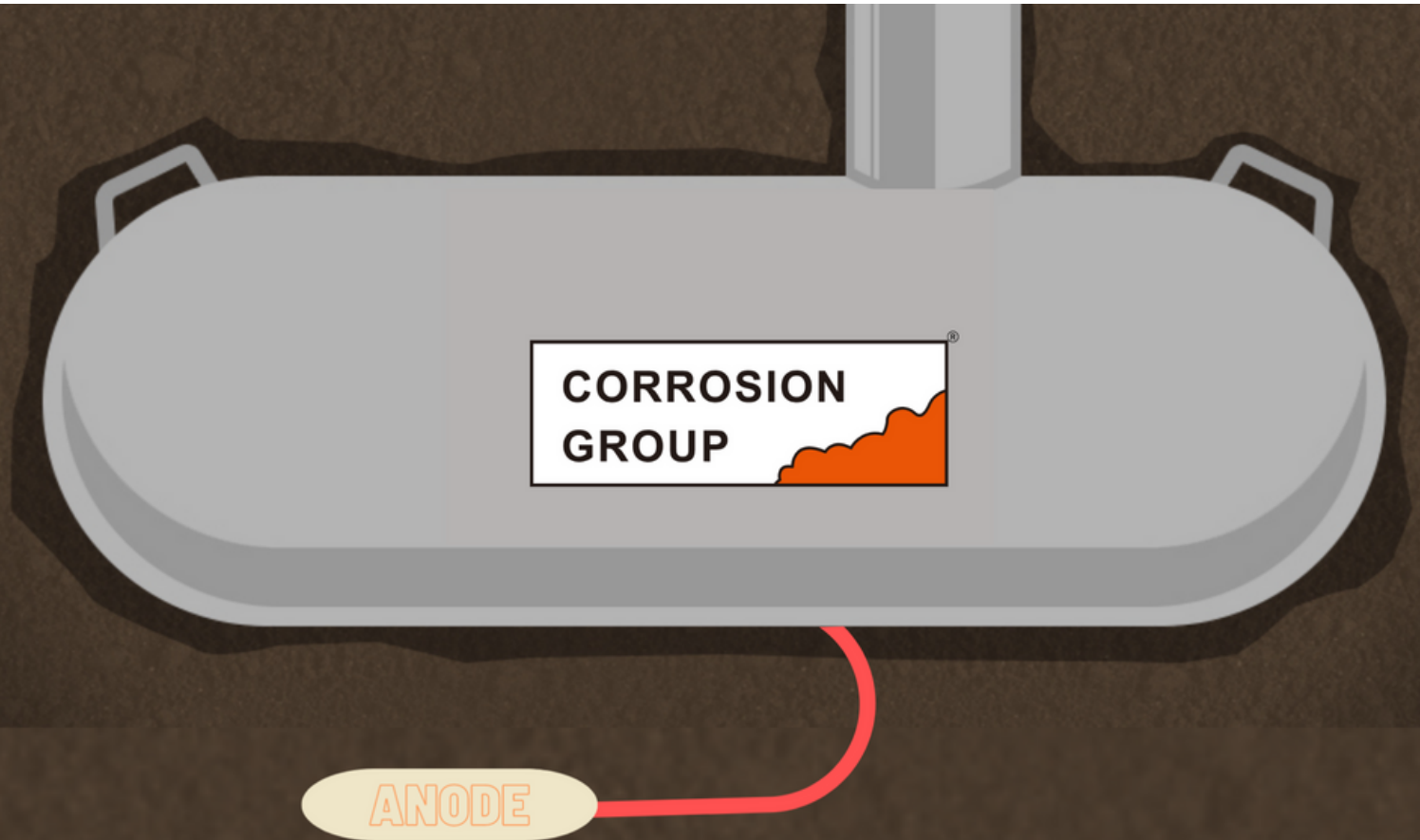


Corrosion Group

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

Magneisum anode bag for underground tanks, steel structures and other applications.

Note: Magnesium anode bag contains anode and also a backfill mix of: Gypsum 75%, bentonite 20%, sodium sulphate 5%.



Note: Find price and shipping at the bottom page

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.



Contact us at: info@korrosionsgruppen.se to get a quote or to place an order. You can also visit Anodefactory to place your order right away.

We offer anodes in all sizes, but with these sizes as standard.

WEIGHT LB	WEIGHT TOTAL LB	CABLE	CABLE LENGHT	Ready to buy?
5	18	8 AWG RED XLPE/PVC CABLE	32 FT	Request quote
9	30	8 AWG RED XLPE/PVC CABLE	32 FT	Buy now
17	49	8 AWG RED XLPE/PVC CABLE	32 FT	Buy now
20	72	8 AWG RED XLPE/PVC CABLE	32 FT	Request quote
32	85	8 AWG RED XLPE/PVC CABLE	32 FT	Buy now

How to attache the anode cable: [Cable lug](#), [Pipe clamp](#), [Pinbrazing](#).



Cable lug



Pipe clamp



Pinbrazing



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Application chart in: Fertile Soils, Clay Sandy Loam

Soil type	Fertile Soils, Clay Sandy Loam	Fertile Soils, Clay Sandy Loam	Fertile Soils, Clay Sandy Loam
Tank Cap.(Gal.)	5 to 5000 ohm-cm	5 to 5000 ohm-cm	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



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Application chart in: Sand, Greal, Rocky Areas

Soil Type	Sand, Greal, Rocky Areas	Sand, Greal, Rocky Areas	Sand, Greal, Rocky Areas
Tank Cap.(Gal.)	5 to 5000 ohm-cm	5 to 5000 ohm-cm	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



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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.

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



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Material data sheet

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



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Pricing and shipping

Product	Pcs price
5 lb	Request a quote
9 lb	294\$/pcs
17 lb	304\$/pcs
20 lb	Request a quote
32 lb	Request a quote

We offer worldwide shipping between 1-3 weeks.

Shipping price depends on the weight of the order and therefore is included in your quote or order confirmation.

We also offer our customers bulk discounts:

2 pcs	-5 %
5 pcs	-10%
20 pcs	-20%
25 pcs	-25%



Contact us at: info@korrosionsgruppen.se to get a quote or to place an order. You can also visit [Anodefactory](https://www.anodefactory.com) to place your order right away.