

Anode Bags

High Potential Magnesium Anode

CORROSION
GROUP



Pre-packaged Magnesium Anodes are suitable for buried installations. Consists of bare anode, cable, backfill and cotton bag. The anode and the cable are directly connected by welding or Cu plug, the connection part is sealed by epoxy resin. Backfill materials consist of 75% hydrated gypsum, 20% bentonite, and 5% sodium sulphate (or according to customers' requirements). Our High Potential Anodes are cast to meet ASTM B843, Alloy M1C. These anodes produce an open circuit potential of 1.75 volts and have a current efficiency no less than 55%, when tested in accordance with ASTM-G97 procedures. Diameter ranges from 6mm/0.24in to 25mm/0.98in, length ranges from 3m/9.84ft to 10m/32.81ft, or according to customers' requirements

Cable types: XLPE/PVC, HMWPE, THHN/THWN.

Article nr	Product name	Model	Weight		w		H		L		Diameter		Packaged Length	
			lbs	kg	in	mm	in	mm	in	mm	in	mm	in	mm
32010	NoCor Mag HP	3D3	3	1.4	3.5	89	3.75	95	5	127	6	152	10	254
32009	NoCor Mag HP	5D5	5	2.3	3.5	89	3.75	95	8.5	216	6	152	12	305
32003	NoCor Mag HP	9D3	9	4.1	3.5	89	3.75	95	14	356	6	152	17	432
32002	NoCor Mag HP	17D3	17	7.7	3.5	89	3.75	95	25.75	654	7.5	191	34	864
32008	NoCor Mag HP	20D2	20	9.1	2.75	70	3	76	59.75	1518	5	127	66	1676
32004	NoCor Mag HP	32D5	32	14.5	5.5	140	5	127	20.5	521	8	203	28	711
32004L	NoCor Mag HP	32D3	32	14.5	3.5	89	3.75	95	45.25	1149	6.5	165	53	1346
32005	NoCor Mag HP	40D3	40	18.1	3.5	89	3.75	95	59.75	1518	6.5	165	66	1676
32006	NoCor Mag HP	48D5	48	21.8	5.5	140	5.75	146	31	787	8	203	38	965
32007	NoCor Mag HP	4 X 4 x 60	60	27.2	4	102	4	102	60	1524	7	178	64	1626

HP Anode	Chemical Composition (%)								
	Element								
	Mg	Fe \leq	Si \leq	Ni \leq	Cu \leq	Al \leq	Mn \leq	Other Impurities \leq	
Content	Balance	0.02	0.04	0.001	0.015	0.01	0.50-1.30	0.3	