SuperROD™

EXTRUDED MAGNESIUM ANODES BY GALVOTEC

Anode Rods are available in diameters ranging from 0.500" to 2.562". Each rod has a steel core running lenghtwise through its center. These anodes can be easily configured for various Cathodic Protection applications.

Water Heater Anodes are available in several configurations; with welded or unwelded Hex-Head and Anode Outlet Device (AOD). These anodes are typically used for the Cathodic Protection of Water Heaters, Tanks and Boilers. The linked style water heater anodes are typically for replacement applications.

Drive-in Anodes are used for the Cathodic protection of gas service entrance piping and other specialty applications. Also available with steel hex head caps.

Galvotec®

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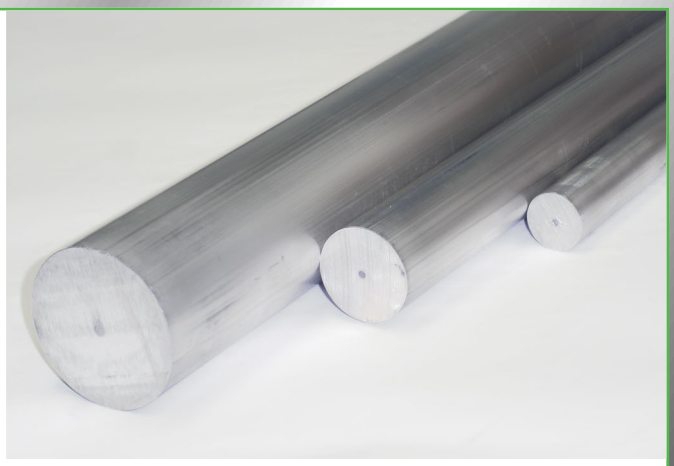
SuperROD™ — Extruded Magnesium Anode

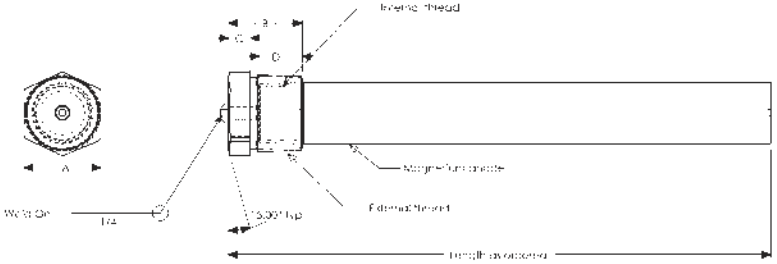
Product ID	Diameter (inches)	Tolerance (inches)	Core Centering (within-inches)	Core Diameter (inches)	Straightness (inches)	Approximate Weight (lbs/ft)
GA-MG-R500	0.500	-0.020	0.0400	0.135	0.060 in 2 ft	0.180
GA-MG-R625	0.625	-0.020	0.0450	0.135	0.060 in 2 ft	0.216
GA-MG-R675	0.675	-0.020	0.0500	0.135	0.060 in 2 ft	0.300
GA-MG-R700	0.700	-0.020	0.0625	0.135	0.040 in 2 ft	0.324
GA-MG-R750	0.750	-0.020	0.0625	0.135	0.040 in 2 ft	0.372
GA-MG-R800	0.800	-0.020	0.0625	0.135	0.040 in 2 ft	0.420
GA-MG-R840	0.840	-0.020	0.0625	0.135	0.040 in 2 ft	0.456
GA-MG-R900	0.900	-0.020	0.0625	0.135	0.040 in 2 ft	0.516
GA-MG-R1.050	1.050	-0.020	0.0625	0.135	0.040 in 2 ft	0.684
GA-MG-R1.315	1.315	-0.020	0.0625	0.135	0.040 in 2 ft	1.068
GA-MG-R1.561	1.561	+/- 0.016	0.0625	0.188	0.250 in 10 ft	1.500
GA-MG-R2.024	2.024	+/- 0.024	0.1250	0.188	0.250 in 10 ft	2.500
GA-MG-R2.562	2.562	+/- 0.024	0.1250	0.188	0.250 in 10 ft	4.000



Chemical Composition %	Al	Mn	Zn	Ca max	Si max	Cu max	Ni max	Fe max	Other Max% Each	Other Max% Total	Mg
SuperROD™	2.5 – 3.5	0.20 – 1.0	0.7 – 1.3	0.04	0.05	0.01	0.001	0.002	0.01	0.30	Bal.

SuperROD™ Water Heater Anode — Welded screw-on caps

Anode Diameter (in)	Cap PN	Internal Thread	External Thread	A (in)	B (in)	C (in)	D (in)
0.500	GA-SW1	1/4 - 18 NPT	3/4-14 NPT	1.060	0.810	0.19	0.63
0.625	GA-SW1L	14-18 NPT	1/2-14 NPT	1.000	0.930	0.25	0.63
0.675, 0.750	GA-SW2	3/8 - 18 NPT	3/4-14 NPT	1.060	0.870	0.19	0.63
0.840,0.900	GA-SW3	1/2-14 NPT	3/4-14 NPT	1.060	0.870	0.19	0.63
1.050	GA-SW4	3/4-14 NPT	1-11 1/2 NPT	1.310	1.190	0.38	1.00
1.315	GA-SW5	1-11 1/2 NPT	1 1/4-11 1/2 NPT	1.813	1.190	0.44	1.00
2.024	GA-SW6	1-1/2" - 11 1/2" NPT	2-11 1/2 NPT	2.375	1.980	0.485	1.60



SuperROD™ Drive-In Anode — GA-MG-DR

Product ID	Product Description
GA-MG-0.5DR	0.5 lb. anode with 3 feet lead wire and clamp (0.840" dia. x 12 long)
GA-MG-1.0DR	1.0 lb. anode with 3 feet lead wire and clamp (1.315" dia. x 12 long)
GA-MG-1.5DR	1.5 lb. anode with 3 feet lead wire and clamp (1.315" dia. x 18 long)

Chemical Composition %	Al	Mn	Zn	Si max	Cu max	Ni max	Fe max	Other Max% Each	Other Max% Total	Mg
SuperLINE™	0.010 max	0.50 – 1.3	–	–	0.02	0.001	0.03	0.05	0.30	Bal.

Size	3/8" x 3/4" +/-0.015" rectangle, 1/8" radius corners
Core Wire Diameter	0.135"
Centrality Core Wire	<1/16"
Approx. Weight	0.243 lb./ft
Packaging Availability	1,000ft rolls or cut to length
Potential	-1.7V Cu/CuSO4
Capacity	500 Amp hrs/lb min
Typical current in seawater	0.73 amps/ft
Typical current in soil (5,000 ohm cm)	3 milliamps/ft
Typical current in water (15,000 ohm cm)	0.9 milliamps/ft

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