

Graphite Anode

Graphite anodes have been a standard for cathodic protection for many years. They are considered as a reliable impressed current anode and are used extensively throughout the industry. Low in cost, graphite anodes, used in conjunction with carbon anode backfill, provide long-term performance characteristics for many cathodic protection applications. Available in rod form, CORRTECH machines the anodes for an internal center connection and then impregnates each anode with paraffin wax to enhance the performance of the graphite and to extend the life of the anode. Factory supplied resin impregnation is also available at an added cost.



Specification:

Grain size: less than 0.5mm

Real density: about 1.7g / cm³

Porosity: less than 20%

Bending strength: more than 20MPA

Resistance: less than 7μ Ω-m

Ash content: less than 0.3%

Current density: about 10 mA/m²

Package: on pallet with wrap

Cable size: 16 mm² double coated P.V.C, length subject to clients' requirement

Consumption rate: 0.2 kg/year.

Manufacture according to ASTM standard.

Standard Sizes (customer sizes available)

Anode Size	Treated Weight	Approx. Area
3" x 60"	28 lbs	4.0 sq ft
4" x 80"	66 lbs	7.0 sq ft

Please specify anode quantity, anode size, cable size, type and length and options or special requirements in your orders.

Optional heat shrink anode caps, heat shrink cable sleeves, and extended epoxy caps are available on request.