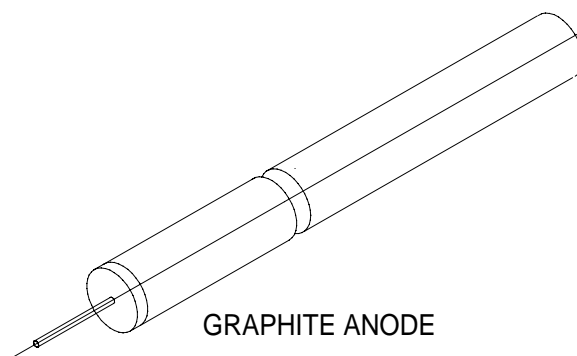


The **pml** range of Graphite Anodes are purpose made for Cathodic Protection grounded installations.

Graphite Anodes have been used for Cathodic Protection applications for many years and, whilst largely superseded by silicon Iron for Marine applications, graphite anodes are still widely used for Pipeline and Tank bottom protection.

Graphite Anodes are relatively inexpensive and can be easily machined for cable connection.

Normally supplied in diameters between 60mm and 150mm and in lengths between 1200mm and 1500mm long they are impregnated with linseed oil or resin to improve surface current distribution and give even wear.



Anodes should be installed in carbonaceous backfill to further improve current distribution and give an even spread of protection to the item being protected.

Maximum operating anode Current Densities of between 10 and 20A/m² should not be exceeded.

Anode to cable connections are made by insertion of a splined brass pin to which the cable tail is brazed. The connection is then sealed with epoxy resin to ensure watertightness.

To counteract "end effect" cross-linked polyethylene anode caps may be fitted. These are shrink fitted over the anode/cable connection.

For details of Price and Delivery please contact Pipeline Maintenance Limited at the address shown below.

Pipeline Maintenance Limited

Cathodic Protection Engineering and Materials Supply

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