

Anodes

Materials	Max Temp.
Zinc*	60°C
Aluminium**	50°C
Magnesium	—

* When using aluminium anodes, if temperatures exceed 60°C, a reversal of the anode will occur, and the vessel may experience high rates of corrosion.

** Caution should be taken when temperatures exceed 50°C when using magnesium anodes, as protection from the anode is reduced.



Anodes & Pigtails

Product Description

Anodes are used in a variety of cathodic protection solutions. They are highly active metals that are used to prevent a less active material's surface from corroding. We offer both heater-treater anodes and packaged anodes.

Heater treater anodes commonly come in three different materials: aluminium, zinc, and magnesium. They are called “heater treater” anodes as they are commonly used in oilfield vessels, although they can be used in various other applications and industries.

Packaged anodes consist of an inner magnesium or zinc bar that is surrounded by a powdered backfill material inside a cloth bag. The powder used is a nonhazardous, electrically conductive earth backfill. Packaged anodes are used for underground cathodic protection, including pipelines, fuel lines, natural gas distribution systems, etc.

Pigtails



Product Description

Pigtails are a coiled 12-gauge coated copper wire with connectors on both ends. One connector is attached to the insulating head, the other to an electrical source. This allows the pigtail to carry a current and electrically charge the anode.