

Packaged Pure Zinc Reference Electrode

APPLICATION

The Refine™ Zinc reference electrode is designed for underground buried structures, typically pipes, vessels and tanks. The pure zinc element gives a fixed reference point for ongoing monitoring of your cathodic protection system. The Refine™ reference electrodes are designed for use in wet and dry soil areas.

MATERIAL SPECIFICATION

Electrode Element	Zinc meets the latest revisions of ASTM B69 for Special High Grade Zinc Composition, ASTM B418, Type I and II and Mil 18001K, Type I and II.
Electrode Media	N/A

PERFORMANCE DETAILS

Operating Life	Minimum 25 years if handled and installed to manufacture's spec
Shelf Life	Indefinite when following manufacture's recommendations
Stability	+ or – 5mV at 5µA
Temperature Range	0 - 75° C (32 - 187° F)

DIMENSIONAL DATA

Electrode Body Diameter	Standard 25mm (other options available on request)
Electrode Body Length	Standard 150mm (other options available upon request)
Nominal Weight	780 grams (27.5 oz) excluding cable tail

CABLE TAILS

Standard Specification	To be specified by client
You Specify	Cable tail fitted to your requirements

QA/QC Details

Traceability	Certificate of conformity for zinc material supplied on request
Test Acceptance	Less than 5 milliohms connection resistance between MMO tube and cable

