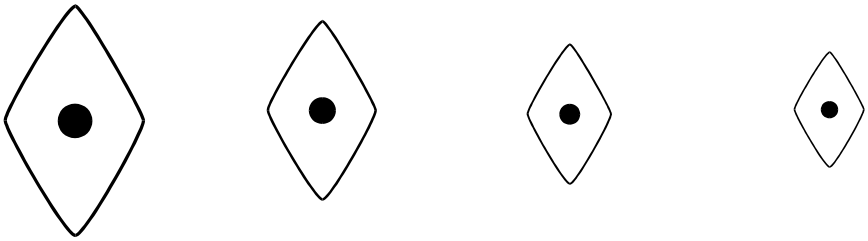
ISOLINE ZINC RIBBON ANODES *1.2.2*

Zinc anodes provide a very simple, cost effective, maintenance-free method of corrosion control for buried or immersed metals like iron, steel, aluminium, copper, etc. In a continuous ribbon form containing a steel wire core, zinc has been a highly effective and economical method of protecting a wide variety of underground and underwater metallic systems for over 20 years.

SPECIFICATION CHART



PRODUCT DATA	SUPER	PLUS	STANDARD	SMALL
Cross section:	25mm x 32 mm 1" x $1^{1}/_{4}$"	16mm x 22mm $^{5}/_{8}$" x $^{7}/_{8}$"	13mm x 14mm $^{1}/_{2}$" x $^{9}/_{16}$"	9mm x 12mm $^{11}/_{32}$ x $^{15}/_{32}$
Weight:	3.57kg/m 2.4lbs/ft	1.79kg/m 1.2lbs/ft	0.89kg/m 0.6lbs/ft	0.37kg/m 0.25lbs/ft
Diameter of galvanised wire core:	4.7mm 0.185"	3.5mm 0.135"	3.3mm 0.13"	3mm 0.115"
Standard coil length:	30.45m (100ft)	60.9m (200ft)	152.5m (500ft)	305m (1000ft)
Standard coil ID:	91mm (36")	91mm (36")	30mm (12")	30mm (12")
Packing:	Steel-banded random-wound open coils	Steel-banded random-wound open coils	Wood Reels	Wood Reels

All dimensions and weights are nominal.

Isoline Zinc Ribbon Continued…….. 1.2.2

ALLOYS

Zinc is usually used in seawater or brackish water systems, meets the chemical requirements of MIL-A-18001J and ASTM B418-80 Type I.

PROVEN APPLICATIONS

Following is a partial summary of applications in which Zinc Ribbon Anodes have been used:

- Internal areas of steel pipe handling a variety of liquids.
- For cathodic protection and grounding of steel tower footings of overhead power systems.
- External areas of steel pipe, especially in difficult environments such as below grade in rocky and mountainous terrain, thawed zones in permafrost, etc.
- To provide cathodic protection as well as to dissipate induced A.C. current on coated steel pipe.
- Interior bottom areas of oil storage tanks where salt water settles out.
- For personnel safety, as well as corrosion protection, at ground valves and test stations of pipelines which are subject to induced A.C. and fault currents.
- Exterior bottoms of oil storage tanks.
- To protect interior bottom areas of various tanks in seagoing petroleum tankers.
- In underground ducts to protect lead-sheathed cable.
- Anywhere relatively small increments of current are required continuously over long lengths, zinc ribbon anodes provide excellent cathodic protection.
- In the space between casing and carrier pipes.

Zinc Ribbon will not cause or magnify stray currents which may be found in existing or new applications.