

Zinc Ribbon Anode





Zinc ribbon is an extrusion form anode, it is made from 99.995% high purity zinc ingot and has more than 90% current efficiency with capacity at least 780 A.h/kg. Specialist Castings' zinc ribbon has excellent properties of flexibility which can be engineering in cold weather, and it also meets the highest industry standards, such as ASTM B418 and US MIL-A-18001k.

The typical application of zinc ribbon is:

- AC Mitigation
- Pipeline Cathodic Protection
- Aboveground storage tank Cathodic Protection
- Pre-stressed concrete pipeline Cathodic Protection
- Grounding overhead structures

Specifications:

Chemical and Electrochemical Properties						
Chemical Composition						
	AL %	Cd %	Fe %	Pb %	Cu %	Zn %
ASTM B-418 type I	0.1-0.5	0.02-0.07	0.005max	0.006max	0.006max	Balance
ASTM B-418 type II	0.005 max	0.003 max	0.0014max	0.003 max	0.002 max	Balance
Electrochemical Properties						
	Open Voltage (-V)	Closed Voltage (-V)	Capacity A.h/kg	Efficiency % min		
ASTM B-418 type I	1.05min	1.00min	780	95%		
ASTM B-418 type II	1.10 min	1.05 min	780	90%		

Type	A (inch) (mm)	B (inch) (mm)	net weight (lbs/feet) (kg/m)	Core (inch) (mm)	A x B
SC-YZR-01	1 (25.4)	1-1/4 (31.75)	2.4 (3.57)	0.185 (4.70)	
SC-YZR-02	5/8 (15.88)	7/8 (22.22)	1.2 (1.785)	0.135 (3.43)	
SC-YZR-03	1/2 (12.7)	9/16 (14.28)	0.6 (0.893)	0.130 (3.30)	
SC-YZR-04	11/32 (8.73)	13/32 (10.32)	0.25 (0.372)	0.115 (2.92)	
Packing	Open coil in wooden case or pallet				