

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. Our 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
JAU-YZR-01	1 (25.4)	1-1/4 (31.75)	2.4 (3.57)	0.185 (4.70)	
JAU-YZR-02	5/8 (15.88)	7/8 (22.22)	1.2 (1.785)	0.135 (3.43)	
JAU-YZR-03	1/2 (12.7)	9/16 (14.28)	0.6 (0.893)	0.130 (3.30)	
JAU-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				