

Product Datasheet: Zinc Ribbon

Zinc Ribbon Anode is used in a variety of applications: for cathodic protection of buried pipelines, AC mitigation on pipelines, for sacrificial cathodic protection of above ground storage tank bottoms and for many other corrosion control applications.

Table 1. Chemical Composition

Type	Al %	Cd %	Fe (max) %	Pb(max) %	Cu (max) %	Zn %
01	0.1 – 0.5	0.025 – 0.07	0.005	0.006	0.005	Remainder
02	0.005 max	0.003 max	0.0014	0.003	0.002	Remainder

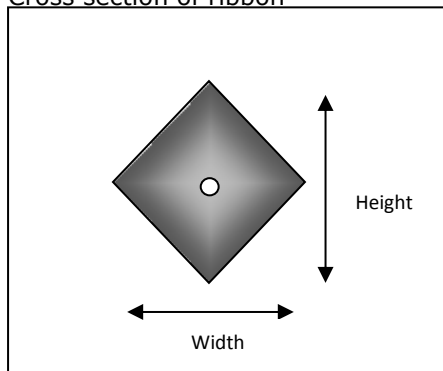
Table 2. Electrochemical Properties

Type	Open Circuit Voltage (-V)	Closed Circuit Voltage (-V)	Actual Capacity (A.h/g)	Current Efficiency (%)
01	>1.05	>1.00	≥780	≥95
02	>1.10	>1.05	≥780	≥90

Table 3. Dimensions

Size	X-Section Width	X-Section Height	Length per reel - meters	Weight - g/cm
XL (Extra Large)	25.4	31.75	30	35.72
LA (Large)	15.88	22.23	61	17.82
ST (Standard)	12.7	14.29	152	8.93
SM (Small)	8.73	11.91	305	3.72

Cross section of ribbon



Related Products from Anode Engineering:

- Surge Diverters
- Cable
- Test Point Boxes
- Gypsum Bentonite Backfill

Table 4. Part Number System

Product			Composition		Size		Order Length (m)	
R	A	Z						
Ribbon Anode - Zinc			Chemical Composition –See Table 1 above	01	Cross section - see Table 3 above	XL	Order length in meters – 005 = 5m. Note maximum single length per roll above.	
		02		LA				
				ST				
				SM				
Add the code for the selected option to the boxes above to create a product order code for your requirement. Example Part Number: <i>RAZ 02 ST 025</i> = 25m length of Type 02 Standard size								

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