

## PRODUCT DESCRIPTION

FlexiZinc is a zinc ribbon extrusion anode. It is made of zinc ingots with a 99.995% purity, and has an efficiency of over 90%, with a capacity of at least 780 A.h/kg. TECNOLOGÍA TOTAL's FlexiZinc has excellent flexibility properties, that remain even in cold weather, complying with the highest industrial standards, such as ASTM B418 and US MIL-A-18001k.



## TYPICAL APPLICATIONS

- AC Mitigation.
- Cathodic protection of pipelines.
- Cathodic protection for tank bottoms.
- Cathodic protection of prestressed concrete pipes.
- Grounding for elevated structures.





## CHEMICAL COMPOSITION

Compound	ASTM B-418 type I	ASTM B-418 type II
Al%	0.1 – 0.5	0.005 max
Cd%	0.02 – 0.07	0.003 max
Fe%	0.005 max	0.0014 max
Pb%	0.006 max	0.003 max
Cu%	0.006 max	0.002 max
Zn%	Balance	Balance

## ELECTROCHEMICAL PROPERTIES

Property	ASTM B-418 type I	ASTM B-418 type II
Open voltage (-V)	1.05 min	1.10 min
Closed voltage (-V)	1.00 min	1.05 min
Capacity (A*h/kg)	780	780
Efficiency %min	95%	90%

## AVAILABLE DIMENSIONS

TYPE	A Side		B Side		Net weight		Center		AxB
	Inches	mm	Inches	mm	lb/inch	kg/m	Inches	mm	
1	1	25.40	1-1/4	31.75	2.40	3.570	0.185	4.70	
2	5/8	15.88	7/8	22.22	1.20	1.785	0.135	3.43	
3*	1/2	12.70	9/16	14.28	0.60	0.893	0.130	3.30	
4	11/32	8.73	13/32	10.32	0.25	0.372	0.115	2.92	

\* We usually have this kind of standard anode in stock for immediate delivery, this one comes typically with a length of 500 ft.

## ADDITIONAL CHARACTERISTICS

- The merchandise comes in open coils inside wooden boxes or pallets.
- All dimensions and weights shown are nominal.

## WARRANTY AND LIMITATION OF LIABILITY

TECNOLOGIA TOTAL will not be in any case responsible for damages of any nature that could be derived from an inadequate use of the product. Before using the product, the user must determine if the product is suitable for its intended use, taking all risks and liability that could be derived from its use.

If it's proved that a product is faulty due to manufacturing or its material at the time of sale, or that it does not fulfill during its warranty period the indicated properties in this technical sheet, the only responsibility of TECNOLOGIA TOTAL will consist of replacing the buyer with the quantity of product that is found to be defective. TECNOLOGIA TOTAL does not take any responsibility for any additional cost such as manufacturing cost, withdrawal or re-application of the products. If TECNOLOGIA TOTAL offers a warranty to their clients, express or implicit, or a compensation that differs from the established in this section, this stipulation can not be altered unless a signed agreement by the parties.

