

Zinc Ribbon Anode.

1. Chemical composition

| | Al% | Cd% | Fe% | Pb% | Cu% | Zn% |
|-----------------------|----------|----------|-----------|----------|----------|---------|
| ASTM B-418 TYPE II | 0.005max | 0.003max | 0.0014max | 0.003max | 0.002max | Balance |

2. Electrochemical properties

| | Open Voltage (-V) | Closed Voltage (-V) | Capacity (A.h/lb) | Efficiency |
|-----------------------|-------------------|---------------------|-------------------|------------|
| ASTM B-418 TYPE II | 1.10 min | 1.05 min | 335 | 90% min. |

3. Size specification

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



TECNOLOGIA TOTAL™ ZINC ANODES FOR AC MITIGATION

COMPAÑÍA CERTIFICADA:



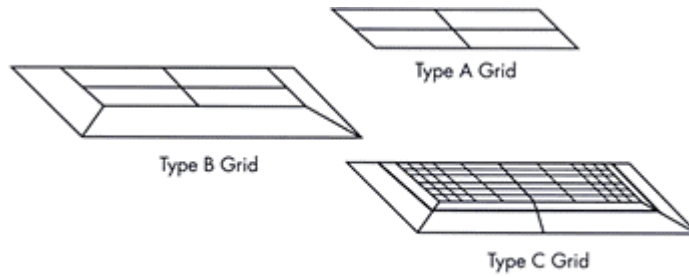


Figure 3 - Rectangular control mat examples

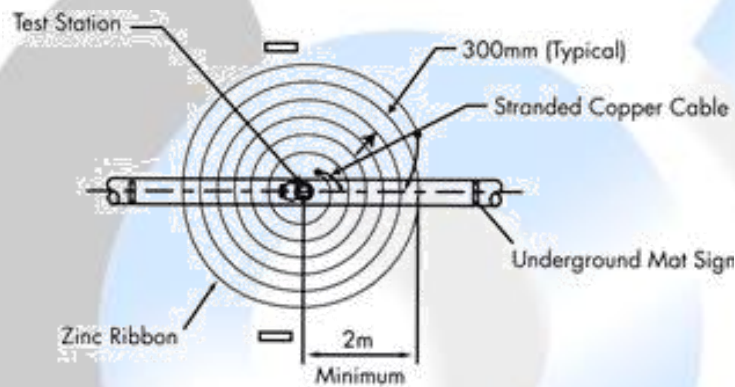


Figure 4 - Spiral gradient control mat - top view

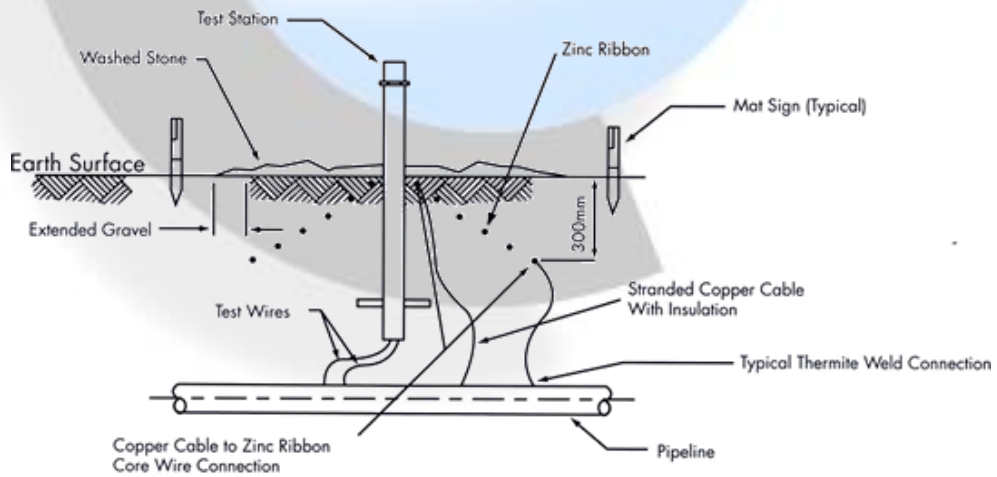






Figure 5 - Spiral gradient control mat - side view

Product Data Sheet

TECNOLOGIA TOTAL™ zinc ribbon anodes are used in a variety of applications. They are used for cathodic protection on buried pipelines, for A.C. mitigation on pipelines, for sacrificial cathodic protection of secondary bottoms on above-ground storage tanks, for A.C. mitigation grounding mats and for other corrosion protection applications.

Sizes:

| Specification Chart |  |  |  |  |
|--|---|---|---|---|
| Product Size | Super | Plus | Standard | Small |
| Cross Section: Inches Millimeters | 1" x 1-1/4" 25.4 x 31.75 | 5/8" x 7/8" 15.88 x 22.22 | 1/2" x 9/16" 12.7 x 14.28 | 11/32" x 13/32" 8.73 x 10.32 |
| Weight/Foot, Pounds Weight/Kg., Meters | 2.4 3.570 | 1.2 1.785 | 0.6 .8925 | 0.25 .372 |
| Diameter of wire core Inches Millimeters | 0.185 4.70 | 0.135 3.43 | 0.130 3.30 | 0.115 2.92 |
| Standard Coil Length Feet Meters | 100 ⁺¹⁰ / ₋₀ 30.5 ⁺³ / ₋₀ | 200 ⁺²⁰ / ₋₀ 61 ^{+6.1} / ₋₀ | 500 ⁺³⁰ / ₋₀ 152 ⁺⁹ / ₋₀ | 1000 ⁺⁵⁰ / ₋₀ 305 ⁺¹⁵ / ₋₀ |
| Standard Coil I.D. Inches Centimeters | 36 91.44 | 36 91.44 | 12 30.5 | 12 30.5 |
| Packaging | Steel-banded random-wound open coils | Steel-banded random-wound open coils | Wood Reels | Wood Reels |

1. All dimensions and weights are nominal.

2. Galvanized Steel

3. "Arctic" standard size has nominal core diameter of .163 inches (4.140 mm.)

4. Longer coil lengths are available on special order.

Standard size also available in reels of 1000 ft and 3600 ft.