

Magnesium Ribbon Anode

APPLICATION

Magnesium Ribbon Anodes are used to achieve cathodic Protection of well coated buried pipelines, internal protection of water tanks, pipeline casing sleeves, AC Mitigation and temporary cathodic protection. Suitable for use in soils and fresh water.

CHEMICAL COMPOSITION

| Element | High Potential |
|---------|----------------|
| Mg | Bal |
| Al | 0.01% Max |
| Mn | 0.5-1.3% Max |
| Ca | 0.003% Max |
| Cu | 0.02% Max |
| Ni | 0.001% Max |
| Fe | 0.03% Max |



ELECTROCHEMICAL PROPERTIES

| | |
|---|-------------------|
| Open Circuit Potential wrt Cu/CuSO ₄ | 1.77 - 1.82 Volts |
| Closed Circuit Potential wrt Cu/CuSO ₄ | 1.55 - 1.65 Volts |
| Output Capacity | 1100 A/hr/kg |
| Current Efficiency | 50% |

| | |
|---------------------|--|
| Type: | Rectangle |
| Dimensions: | 3/4" x 3/8" x 1000 ft (19.05 mm x 9.52 mm x 305000 mm) |
| Weight: | 0.24 lb/ft (0.357 kg/m) |
| Coil Length: | 1000 ft (305 m) |

Typically available from stock