

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 3050 mm)
Weight:	0.24 lb/ft (0.357 kg/m)
Coil Length:	1000 ft (305 m)

Typically available from stock