



MAGNESIUM RIBBON ANODES

REVISION 1

APPLICATION

Protection of well coated buried pipelines, internal protection of water tanks, pipeline casing sleeves. Suitable for use in soils & fresh water.

MAGNESIUM RIBBON DATA



MAGNESIUM ALLOY

	High Potential
Aluminium	0.01% max
Zinc	-
Manganese	0.50-1.30%
Silicon	0.05% max
Copper	0.02% max
Nickel	0.001% max
Iron	0.03% max
Other impurities Each	0.05% max
Total	0.30% max
Magnesium	Balance
Open Circuit Potential wrt Cu/CuSO ₄	1.77-1.82 -Volts
Closed Circuit Potential wrt Cu/CuSO ₄	1.64-1.69 -Volts
Output Capacity	1100 A/hr/kg
Current Efficiency	50%

Type	Nominal Dimensions	Nominal Wt (kg/m)
OPTIMA 1000-MRBN	9.52mm x 19.05mm x305m	0.337

Continuous Steel Core : 3mm Diameter