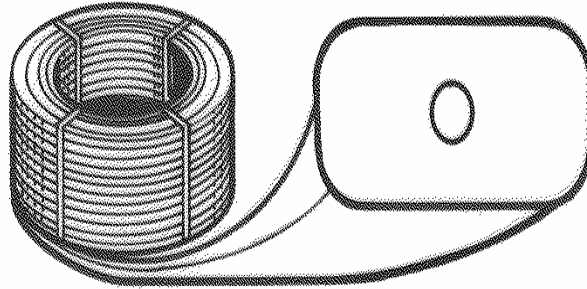




CORROSION CONTROL

Technical Datasheet

MAGNESIUM RIBBON



- **Coil Length** 305 m
- **Weight of Ribbon** Smooth – 0.337 kg/ linear m
- **Size of Ribbon** 19.05 mm x 9.52 mm
- **Diameter of Steel Core** 3 mm

CHEMICAL COMPOSITION

Manganese	0.5 - 1.30 %
Aluminium	0.01 % max
Copper	0.02 % max
Iron	0.03 % max
Nickel	0.001 % max
Total any other single impurity	0.05 % max
Total of all other impurities	0.30 % max
Magnesium	Remainder

ELECTROCHEMICAL PROPERTIES

Open Circuit Potential (Cu/CuSO ₄ reference)	-1.75 Volts
Closed Circuit Potential	-1.58 to -1.62 V
Capacity	1290 Amp.hour/kg

TYPICAL CURRENT OUTPUTS

In Seawater (25 Ohm.cm)	2.5 A/ linear m
In Soil (5000 Ohm.cm)	12 mA/ linear m
In Fresh Water (15000 Ohm.cm)	4 mA/ linear m