

## Solid aluminium alloy wire

Nemtek aluminium wire has the lowest resistance allowing long fences to be powered up, reducing the number of energizers needed.

Features:

- Low electrical resistance allows for longer fences to be powered by an energizer
- Good corrosion resistance for most environments ( +5 km from coastline)



### Specifications:

Material: Solid Aluminium alloy

Tensile breaking strength:

1.6mm: 60~70kgs

2.0mm: 90~100kgs

2.5mm: 170~185kgs

Elongation:10~11%

Resistance:

1,6mm 27Ohms/km

2.0mm 14Ohms/km

2.5mm 9Ohms/km

<https://www.nemtek.co.za/HomeSecurity/Fence-wire-and-dispensers/solid-aluminium-alloy.aspx>

Stock Code	Name	Description
EW-AL16	Solid aluminium alloy wire	Aluminium Wire - Solid 1.6mm-1000m/6.25kg
EW-AL20	Solid aluminium alloy wire	Aluminium Wire - Solid 2.0mm - 1000m/8.80kg
EW-AL20/1500	Solid aluminium alloy wire	Aluminium Wire - Solid 2.0mm - 1500m/13.20kg
EW-AL25/1200	Solid aluminium alloy wire	Aluminium Wire - Solid 2.5mm - 1200m/15.72kg