

TECHNICAL DATA SHEET

YONUSA ALA500 - Aluminum Wire for Electric Fences

Model number:	1.29 mm
Frame material:	100% Aluminum
Metal type:	Aluminum
Frame finish:	Uncoated
Feature:	Easy to assemble, sustainable, environmentally friendly, renewable-source material, rodent-proof, rot-resistant
Use:	Garden fence, roadside fence, sports fence, farm fence, animal/building security fence
Type:	Fences, trellises and gates; security fences; fence accessories; fence gates; fence hardware
Product name:	Aluminum wire for electric fences
Elongation:	>10%
Strength:	>300 MPa
Size:	1.29 mm
Packaging:	400 m / 500 m / 700 m / 1000 m per plastic reel
Additional features:	Rust-free, good conductivity, low resistance
Advantage:	High tensile strength, easy handling
Application:	Farm / animal / building security fence
Warranty:	Rust-free; recyclable use



Product Description

The aluminum wires are made from high-tensile-strength material, making them difficult to cut and increasing the level of security. The flexibility provided by the stranded-wire construction makes the wire easier to work with during installation and results in a clean, neat fence appearance without compromising fence performance.

Aluminum Alloy Wire Features

1. Best choice for permanent fencing in terms of cost.
2. Helps keep livestock and pets such as cows, goats, and horses contained.
3. Helps keep predators such as monkeys, foxes, and pigs out.
4. Better oxidation and aging resistance than polyethylene wire.
5. Lightweight and easy to use.
6. Good conductivity for long-distance wiring.
7. Long service life.
8. Recyclable.

B. Welding Wire Chemical Composition (%)

Grade	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
ER5356	0.25	0.40	0.10	0.05-0.20	4.5-5.5	0.05-0.20	0.1	-	Balance

English translation prepared from the supplied Spanish ALA500 data sheet. Technical values were preserved as shown in the source document.