TECNOMALLAS
MALLAS ELECTROSOLDADAS ®

25 YEARS 2000 · 2025

We produce the best enclosure systems

Gabions
made of electro-welded mesh

TG

Electro-welded gabion

Gabions are cubic or rectangular prism-shaped structures made of electro-welded mesh. These structures are connected using helical spirals or staples. They can be filled with rocks or stones of different sizes and colours.

These structures are ideal for decorative use, landscaping, contention walls, facades, and partitions.

These gabions are aesthetically appealing, highly resistant to corrosion, and easy to install.

Tecnomallas Quality

The main goal of Industrias Tecnomallas, a company specialised in the production of electro-welded mesh, is to offer a product that meets the highest quality requirements. To achieve this goal, we rely on the most technologically advanced welding equipment, as well as a team of highly-qualified workers. By constantly investing in the most modern and reliable versions of welding equipment available, we have become one of the most competitive businesses in the industry.

1.- Our equipment, comprised of the most modern technology, allows us to guarantee an unbeatable welding finish.

2.- High quality zinc aluminium wiring (95/5 A class (280 g/m2) meeting the strict European UNE-EN 10244-2 Standard is used to make the mesh.

3.- The high flexibility of our welding lines allows us to optimise the production time for small and large series, reducing changeover times. We guarantee short delivery times and competitive prices.
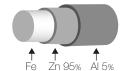
Materials

Zincalu Rod
Detail

Fe → Zn 95% → Al 5%

Compliant with the
EN 10244-2 Standard

Traction testing and shear testing results meet
UNE-EN 10223-8

TEST in COMPLIANCE standard UNE-EN 10223-8 RESULTS

Standard dimensions

MESH	ø WIRE	DIMENSIONS
50 x 50	3,80	500 x 500
100 x 50	4,50	500 x 1.000
		1.000 x 1.000
100 x 100	5,40	1.000 x 2.000

All heights in mm. Other special dimensions available on request

Accessories

TENSIONERS

SIZE	ø WIRE
510	
1.010	4,50
1.510	

95% Zinc + 5% Aluminium

SPIRALS

SIZE	ø WIRE
500	
1.000	3,80
2.000	

95% Zinc + 5% Aluminium

STAPLES

ø Wire 3 mm.

Strength:
1.750 - 1.900 N/mm^2.

95% Zinc + 5% Aluminium

All heights in mm.