



Yang Zhe Metal

Welded Gabions Catalog

Your Ideal Architectural Decoration Material

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Anping Enzar Metal Products Co., Ltd

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Company Profile

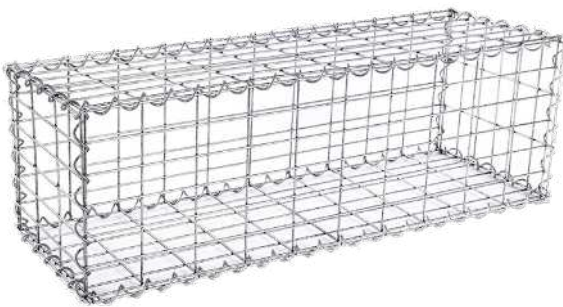


Anping Yang Zhe Metal Products Co., Ltd. is a professional gabion meshes supplier in China. We are professionally engaged in the production and export of all kinds of woven and welded gabions for defense and decoration.

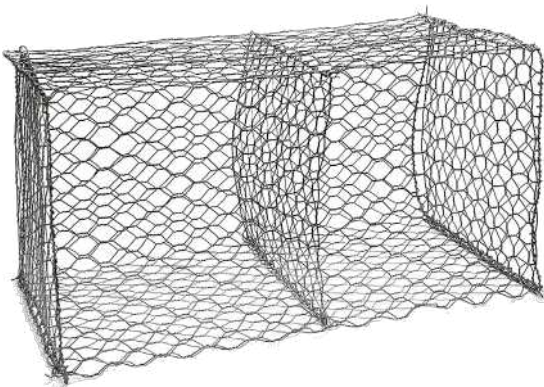
Our company has owned all kinds of weaving and welding machines of over 160 sets and more than 100 staff members ensure high production efficiency and low production loss. More than 20 research and development department workers have been developing more products suitable for customers' requirements and market trends.



Gabion mesh box is a woven or welded wire container like cylinder and box that can be filled with stones, rocks, gravels and concrete. Woven gabion mesh is mainly used for soil erosion control, bank stabilization and river training in civil engineering. And welded gabion mesh is mainly used to decorate gardens, yards and homes in landscape architecture. The rustic appearance of gabion mesh wall brings a special and comfortable feeling to citizens who are bored with concrete structure.



Welded Gabion Box



Hexagonal Mesh Gabion Box

The lifespan of the gabion structure depends on the durability of the wire. The wire that we commonly used is galvanized wire, which has good properties of corrosion resistance and rust resistance even in wet environment. Except for that, the performance of PVC coated wire and galfan coated wire is better than galvanized wire, and the lifespan is also longer.

In addition, according to the different height, no matter welded gabions or hexagonal mesh gabions both can be divided into gabion box and gabion mattress. Gabion mattress is a short gabion basket with flat shape, it is mainly used in the low-lying areas such as rivers and dams.

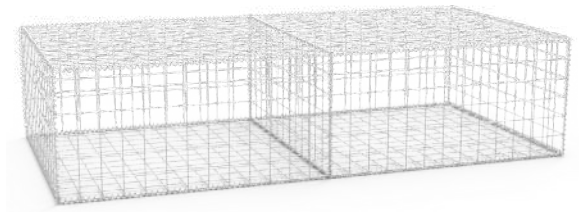
Welded Gabion Box

WELDED GABION BOX is made of steel wire with high tensile strength, then the wires are welded into a panel. Afterward we can use some mounting connections to assemble them quickly, such as hog ring connection, spiral joints connection, U clip connection and hook connection. The use of these accessories can reinforce the welded gabion box, making it is not easy to deform.

Because of this reason, compared with hexagonal mesh gabion box, welded gabion box is able to keep its shape and fit well with the target. In recent years, welded gabion box has become more and more popular in the decoration of garden and landscape, it can be used as a flowerpot, fireplace, decorative wall and various landscape architecture.

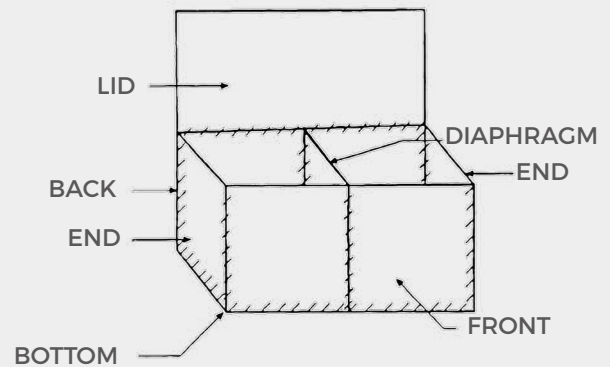


| Welded gabion box

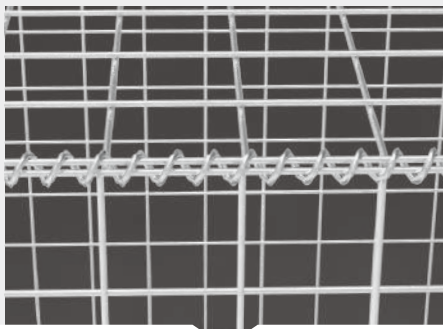


| Welded gabion mattress

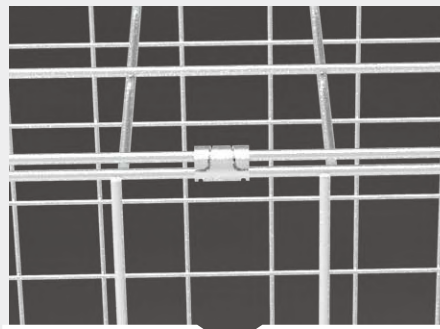
- **Material:** galvanized wire, galfan coated wire.
- **Wire diameter (mm):** 3, 4, 5, 6.
- **Mesh opening (mm):** 50 × 50, 75 × 75, 50 × 100, 100 × 100
- **Overall size (m):** 2 × 1 × 1, 2 × 1 × 0.5, 2 × 1 × 0.3, 1 × 1 × 1, etc.
- **Pattern:** welded.
- **Packaging:** in pallets.
- **Tensile strength:** 380-550 N/mm².
- **Certificate:** ISO 9001.
- **Connections:** spiral Wire, U clip, hog ring.



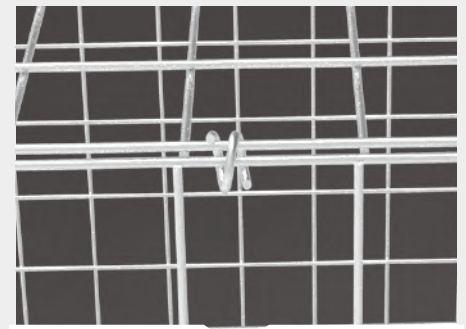
| The structure of welded gabion box



Spiral joints connection



U clip connection



Hog ring connection

Feature

- Stable structure, and it is not easy to deform or crack.
- High security.
- Corrosion resistance and rust resistance, can be used in all weathers.
- Modular structure makes installation quick and simple.
- Low cost, recycle and friendly to environment.
- Can be made into various shapes for decoration.



WIRES & WELDS
Anti-Corrosion & Solid



SPIRAL WIRE
Strong & Rigid



APPEARANCE
Smooth & Beautiful

Production Line



Raw material



Wire Straighten



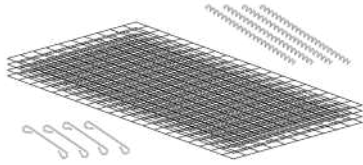
Panel Welding



Package



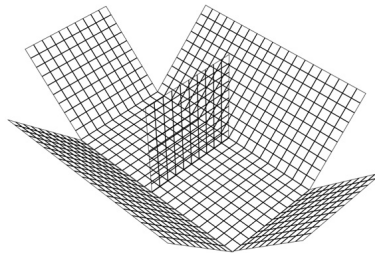
Installation Process



Prepare Materials

1

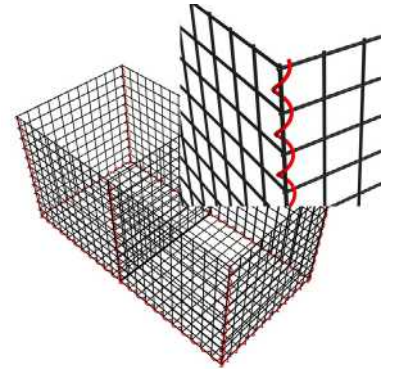
Prepare all needed gabion panels, spiral wires and stiffeners.



Erect Panels Up

2

The ends, diaphragms, front and back panels are placed on the bottom section of gabion box vertically.



Secure Panels with Spiral Binders

3

Secure panels by screwing spiral binders through the mesh openings in adjacent panels.



Install Stiffeners

4

Stiffeners shall be placed across the corners, at 300 mm from the corner. Providing a diagonal bracing, and crimped over the line and cross wires on the front and side faces. None are needed in interior cells.



Fill Gabion with Stones

5

Gabion box is filled with stones by hand or with a shovel. After filling, close the lid and secure with spiral binders at the diaphragms, ends, front and back.



Close the Lid

6

When stacking tiers of the welded gabion box, the lid of the lower tier may serve as the base of the up.



Application

Welded gabion box is widely used in the architecture and landscaping, such as:

- Free standing walls.
- Cladding.
- Garden and landscape.
- Other features within the built environment.



Free standing wall



Landscape wall



Cladding



Erosion control



Garden fence pillar



Garden fence



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