

Products Description



Welded Gabion Baskets are made of welded wire nets and filled with stones. Welded gabion nets are made of thicker wires so that the mesh is strong enough and tear-resistant. The wire is covered by zinc or galfan which protects it from the effects of the weather for a long time.

They are used as sediment barrier, soil stabilization, bank and embankment protection.

Wire thickness: 3.0mm - 6.0mm.

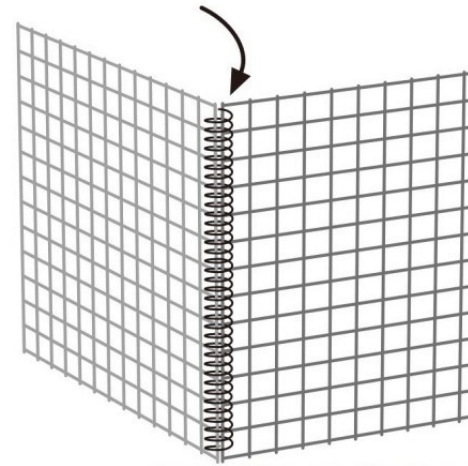
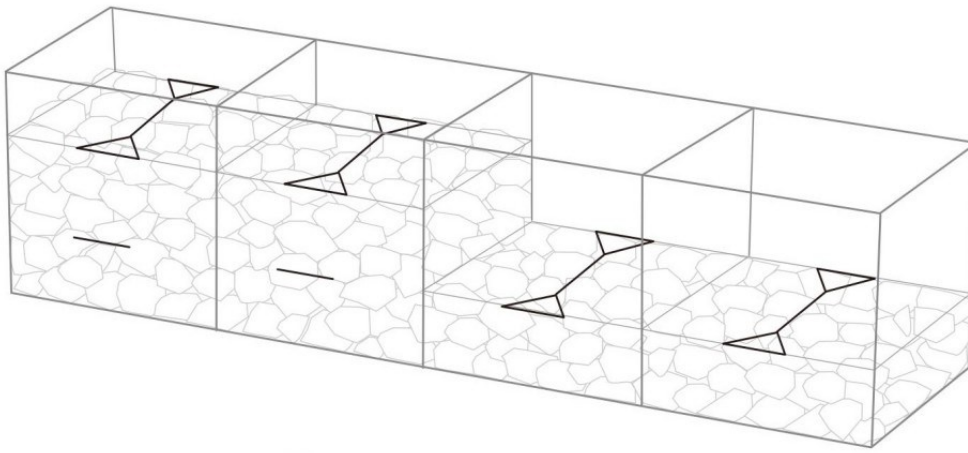
Surface Treatment: hot-dipped galvanizing, galvanizing, Galfan, or PVC coating.

Specifications

| Some popular sizes of welded gaion | | | |
|---|---------------------------|--------------------------|----------------------------------|
| Box sizes (m) | Mesh size (mm) | No. of diaphragms | Capacity per box (m3) |
| 1.0x1.0x0.5 | 50x50 | 0 | 0.5 |
| 1.0x1.0x1.0 | | 0 | 1 |
| 1.5x1.0x0.5 | 75x75 | 0 | 0.75 |
| 1.5x1.0x1.0 | | 0 | 1.5 |
| 2.0x1.0x0.5 | 50x100 | 1 | 1 |
| 2.0x1.0x1.0 | | 1 | 2 |
| 3.0x1.0x0.5 | 100x100 | 2 | 1.5 |
| 3.0x1.0x1.0 | | 2 | 3 |
| 4.0x1.0x0.5 | | 3 | 2 |
| 4.0x1.0x1.0 | | 3 | 4 |

Note: Other sizes can be customized.

Installation Instructions



Step 1. Place ends, diaphragms, front and back panels uprightly on the bottom of wire mesh.

Step 2. Secure panels by screwing spiral binders through the mesh openings in adjacent panels.

Step 3. Stiffeners shall be placed across the corners, at 300mm 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.

Step 4. Fill the gabion box with stones.

Step 5. Close the lid and secure with spiral stiffeners at the diaphragms, ends, front and back.

Step 6. When stacking tiers of the welded gabion box, the lid of the lower tier may serve as the base of the upper tier. Secure with spiral binders and add pre-formed stiffeners to exterior cells before filling with stones.



Workshop & Warehouse

Applications

Gabion Retaining wall

Landscaping designs for public areas and private gardens

Rock fall protection

Flood control & canal training

river and stream banks

embankments and bridge abutments

Packing & Delivery

