

Gabion basket



Description

Gabions are wire mesh boxes, containers or baskets filled with rock to prevent soil erosion and to retain/contain soil particles. Gabions and geotextiles are normally used together to reduce water velocities and to re-capture river bed sediment in streams. Flat Gabions, called River or Reno Mattresses, are widely used in river courses where soil erosion is a problem over a large flat or sloped area in need of protection against soil loss or scour. They are used mostly in the civil engineering industry, especially in the construction of roadway drainage structures. Recently however, due to the environmental benefits associated with gabions, they are being used in many various applications and industries.

The wire used to manufacture double twisted gabion wire mesh is soft annealed, mild steel wire provided with heavy zinc coating as per EN 10244/ASTM A 641 to prevent corrosion. In case of use in aggressive environments, it is further extruded with 0.5mm thick PVC Coating. The PVC coating is UV stabilized as per ASTM A 975.

Welded gabion Features

- ❖ Strength and flexibility.
- ❖ Good decorative, not only used on river area, but also can be used on decorative wall
- ❖ The double twisted hexagonal mesh means that the wire will not unravel when cut which allows the gabions to be easily cut and shaped to suit project requirements.
- ❖ Strong anti-corrosion: heavy galvanized wire or Galvan wire, or glued PVC coated wire, PE coated wire to make the gabion wire mesh can more improve capacity of anti-corrosion, can be adapted to sea environment.
- ❖ Economy: Wire mesh gabions are less expensive than most construction materials. Graded stone fill is usually locally available. Waste materials such as crushed concrete may be specified in place of stone.

Welded gabion Application

It is often used in earth movement and erosion, river control, reservoirs, canal refurbishment, landscaping and retaining walls, gabion umbrella stand, etc. Gabions are also used for erosion control, bank stabilization, channel linings, and weirs.



Specifications

Woven Gabion Specification			
Gabion size(m)	Mesh opening	Wire diameter	Surface treatment
2×1×0.5		2.2-4.0mm	
2×1×1.0		2.2-4.0mm	
3×1×0.5	60 x 80mm	2.2-4.0mm	Galvanized
3×1×1.0	80 x 100mm	2.2-4.0mm	Galfan
4×1×1.0	80 x 120mm	2.2-4.0mm	PVC coated
6×1×1.0	100 x 120mm	2.2-4.0mm	PE coated
2×1×0.3(Mattress)	120 x 150mm	2.2-4.0mm	
3×1×0.3(Mattress)		2.2-4.0mm	

Material

Wire used low carbon steel wire, wire diameter 2.2-4.0mm

Surface: Galvanized or galfan or PVC coated and PE coated finished

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Trade Item

Delivery Terms: FOB, CIF

Payment Currency: USD, EUR, AUD, JPY, CAD, GBP, CNY

Payment Item: T/T, L/C, PayPal, Escrow

Nearest Port: Xingang port, Qingdao port

Delivery Time: General after 25 days upon received T/T 30% advance payment

Popular Payment detail: T/T 30% in advance as deposit, the balance against received the copy of B/L.

Company: Anping County Hangtong Wire Mesh Co., Ltd.

Address: East of Baoheng Road, South of Anping County, Hebei P.R. China.

Website: <http://www.hangtongfence.com> Email: info@hangtongfence.com TEL: 86-318-751633 FAX: 86-318-7529613