

WIRE MESH WALL ACCESSORIES

GABION BOX & MATTRESS

Double-twist hexagonal baskets for retaining and erosion works

Gabions are double-twist hexagonal woven wire baskets filled with stone on site, used for retaining walls, channel linings and erosion control. Leeter manufactures gabion boxes with 80×100mm mesh in 2.7mm wire and reno-style mattresses with 60×80mm mesh in 2.2mm wire, in galvanized, Galfan (Zn-Al) or PVC-coated finishes.

SPECIFICATIONS

TYPE	Gabion box / reno mattress, double-twist hexagonal
BOX MESH / WIRE	80×100mm mesh, 2.7mm wire
BOX SIZES	1.5 / 2 / 2.5 / 3 / 4m long × 1m wide × 0.5 / 1m high
MATTRESS MESH / WIRE	60×80mm mesh, 2.2mm wire
MATTRESS SIZES	3–6m long × 2m wide × 0.17 / 0.23 / 0.3m high
COATING	Heavy galvanized, Galfan (Zn-5%Al), or PVC over galvanized
ASSEMBLY	Panels, diaphragms, lacing wire and stiffeners supplied

Specifications are indicative and produced to order — custom sizes, grades and finishes available.

KEY FEATURES

- Double-twist weave holds shape even if single wires are damaged
- Galfan or PVC coating options for 2–3× service life in wet works
- Diaphragms and lacing wire included for site assembly
- Folded flat in bundles — dense, low-cost container loading



APPLICATIONS

- Retaining walls and slope reinforcement
- River bank, channel and culvert protection
- Rockfall barriers, landslide control and landscape walls

ISO 9001

SGS AUDITED

BV SUPPLIER AUDIT

MILL TEST REPORTS

**LEETER**

WIRE · FASTENERS · SITE HARDWARE

ORDERING & EXPORTDOC LT-SPEC-GB-01 · Rev. Aug 2026 · www.leeter.cn

ORDERING REFERENCE

MOQ	Trial orders welcome — mixed containers supported
LEAD TIME	15–35 days after confirmed order
PAYMENT	T/T or L/C at sight
INCOTERMS	FOB Xingang / Tianjin, CIF on request
SAMPLES	Available — sample cost credited against order
PRIVATE LABEL	Custom cartons, labels and packaging (OEM)

PACKAGING & EXPORT

Units folded flat and pressed in bundles with lacing wire coils boxed; bundles strapped and loaded to container with a packing list per size. A container stuffing plan is supplied before shipment.

FREQUENTLY ASKED QUESTIONS

What stone size fits an 80×100mm gabion mesh?

Fill stone should be larger than the mesh opening — typically 100–250mm well-graded hard rock, with at least the outer faces hand-packed. Never use stone smaller than about 1.5× the smaller mesh dimension or it will migrate through the basket.

Galvanized, Galfan or PVC-coated gabions — which should I buy?

Heavy galvanized suits dry retaining structures. Galfan (Zn-5%Al) roughly doubles coating life and is the default for river and coastal works. PVC over galvanized adds a sealed barrier for polluted or salt water and permanent immersion.

What is the difference between a gabion box and a mattress?

Boxes (0.5–1m high) stack to build gravity retaining walls. Mattresses are thin, wide units (0.17–0.3m high) that blanket river beds, banks and channel linings against scour. Both arrive folded flat with lacing wire for site assembly.

FACTORY-BACKED SUPPLY

Manufactured across 2 owned factories and 3 joint-venture plants operated by the Leeter / Five-Star Metals group, exporting construction wire and hardware since 2006 to North America, Europe and 5 continents.

HEAD OFFICE SALES & EXPORT

Room D808, ZhuoDa
Commercial Building,
Huai'an West Road,
Shijiazhuang, Hebei, China

CHINA FACTORY MANUFACTURING

Liusu Industrial Zone,
Dingzhou, Hebei, China

VIETNAM FACTORY FENCING PRODUCTION

Lot No. 610-612-614-789,
Binh Cang 2 Hamlet, Thu
Thua Commune, Tay Ninh
Province, Vietnam

HONG KONG OFFICE INTERNATIONAL TRADE

15/F, Konnect, 303 Jaffe
Road, Wan Chai, Hong Kong

WHAT TO INCLUDE IN YOUR RFQ

- Dimensions / gauge, grade and finish
- Quantity (e.g. 1 × 20ft container)
- Standard or drawing reference
- Packaging preference and private label
- Destination port and Incoterm

REQUEST A QUOTE

Send your specification, quantity and destination — we reply with price, packing and lead time within one business day.

SALES@LEETER.CN