

Sack Gabion

GI and PVC coated



A cylinder of double twisted mesh, closed with lacing wire once filled. Filled on the bank or a barge and placed by crane — including into flowing water, where boxes cannot be built in the dry.

Wire and mesh

	GI 2.70 mm	GI 3.00 mm	PVC coated
Mesh type	10×12 or 8×10	same	same
Mesh wire	2.70 mm	3.00 mm	2.70 / 3.70 mm
Selvedge wire	3.40 mm	3.90 mm	3.40 / 4.40 mm
Lacing wire	2.20 mm	2.20 mm	2.20 / 3.20 mm

Sizes

Length × diameter (m)	Volume (m³)	GI 2.70 (kg)	GI 3.00 (kg)	PVC (kg)
1.5 × 0.74	0.65	4.8	6.1	5.7
2 × 0.96	1.45	8.1	10.1	9.6

- Minimum zinc on the core wire (IS 16014:2024 Table 8, = IS 4826 heavy coated) : 2.20 mm → 240 g/m², 2.70 mm → 260, 3.00 mm → 270, 3.40 mm → 270, 3.90 mm → 280.
- Tolerances: length and diameter ±5%; mesh opening D ±10%.

Typical uses

Toe protection · emergency breach closing · underwater placement · foundations where boxes cannot be built dry

Standard: IS 16014:2024 · **Quality:** ISO 9001:2015, Cert. No. 305024011282Q
HSN: 7314 41 10 (GI) / 7314 42 10 (PVC) · **GST:** 18%

