

Double Twisted Hexagonal Mesh

GI and PVC coated – IS 16014:2024



Hexagonal mesh twisted through three half-turns at every joint, so a cut wire does not unravel the panel. The mesh every gabion, mattress, sack and rockfall net is woven from – supplied in rolls or as units.

Wire and mesh

Mesh	Mesh wire (GI)	Selvedge (GI)	PVC (core / outside)
6×8 (D 60)	2.00 / 2.20 mm	2.40 / 2.70 mm	2.00/3.00, 2.20/3.20 mm
8×10 (D 80)	2.70 mm	3.40 mm	2.70 / 3.70 mm
10×12 (D 100)	2.70 / 3.00 mm	3.40 / 3.90 mm	2.70 / 3.70 mm

Weight per m² and per roll

Mesh	Wire	kg/m²	25×2 m	25×3 m	25×4 m	Basis
10×12	GI 2.70 mm	1.18	59 kg	88 kg	118 kg	production
10×12	GI 3.00 mm	1.41	70 kg	106 kg	141 kg	production
10×12	PVC 2.70 / 3.70 mm	1.36	68 kg	102 kg	136 kg	production
8×10	GI 2.70 mm	1.48	74 kg	111 kg	148 kg	estimate
8×10	PVC 2.70 / 3.70 mm	1.70	85 kg	128 kg	170 kg	estimate
6×8	GI 2.20 mm	1.31	65 kg	98 kg	131 kg	estimate
6×8	PVC 2.20 / 3.20 mm	1.50	75 kg	113 kg	150 kg	estimate

- 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.
- PVC jacket: nominal 0.50 mm, minimum 0.40 mm, over the same heavily galvanized core.
- Opening tolerance ±10% of D. Rolls 25 m × 2, 3 or 4 m; other sizes to order.

Typical uses

Gabion boxes · revet mattresses · sack gabions · rockfall netting · site repairs and wrapping

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

