

PVC Coated GI Wire



Heavily galvanized mild steel wire with an extruded PVC jacket — two independent barriers between the steel and water, salt and soil chemicals. The wire every PVC coated gabion product is woven from.

Wire and mesh

Core wire	Heavy-galvanized mild steel, zinc to IS 16014:2024 Table 8; zinc–aluminium core on request
Core diameter	2.00–3.90 mm as standard
PVC jacket	nominal 0.50 mm, minimum 0.40 mm
Finished diameter	core + jacket, e.g. 2.70 / 3.70 mm
Colour	green, grey and other standard colours

Service life

Site category (ISO 9223)	Bare heavy zinc	PVC over zinc–aluminium
C3 · medium	10 years	over 120 years
C4 · high	not offered	120 years or more
C5 · very high	not offered	120 years or more

- Assumed working life from IS 16014:2024 Annex B, Table B-1 (published values). 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.

Typical uses

Gabions, revet mattresses and facia units for wet and aggressive ground · chain link fencing · river training works

Standard: IS 16014:2024 · **Quality:** ISO 9001:2015, Cert. No. 305024011282Q
HSN: 7217 90 99 (some invoices: 7217 20 10) · **GST:** 18%

