

Barbed Wire

Galvanized steel — IS 278:2009



Two galvanized line wires twisted together carrying four-point barbs at regular spacing — for farm, plantation and plot boundaries, and as the top lines over chain link and concertina fencing.

Construction

Types	A (Iowa): barbs round both line wires · B (Glidden): round one
Barbs	four points, 13–18 mm long
Wire	mild steel to IS 280; line wire 390–590 N/mm ²
Breaking load	3.7 kN (2.50 mm) · 3.0 kN (2.24 mm)
Zinc	IS 4826 hot-dip or IS 12753 electro
Designation	e.g. Steel Barbed Wire, A-1 IS 278

Sizes, weight and length per kg

Size	Line / point (mm)	Barbs every	g/m	m per kg	m per 25 kg
1	2.50 / 2.50	75 mm	136–155	6.5–7.4	161–184
2	2.50 / 2.50	150 mm	108–120	8.3–9.3	208–231
3	2.50 / 2.00	75 mm	108–125	8.0–9.3	200–231
4	2.50 / 2.00	150 mm	89–103	9.7–11.2	243–281
5	2.24 / 2.00	75 mm	97–106	9.4–10.3	236–258
6	2.24 / 2.00	150 mm	78–85	11.8–12.8	294–321

- 12 gauge ≈ 2.5 mm, 13 gauge ≈ 2.24 mm, 14 gauge ≈ 2.0 mm. Fence calculator: agarwalgabions.com/barbed-wire-weight

Typical uses

Farm and plantation boundaries · plots and sites · topping over chain link · concertina fence horizontals

Standard: IS 278:2009 · **Quality:** ISO 9001:2015, Cert. No. 305024011282Q
HSN: 7313 00 10 · **GST:** 18%



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Works: Jangalpur, Howrah 711411 · Ethelbari, Birpara 735204, West Bengal. Made to your drawing or tender clause; weights are the minimum and maximum of IS 278:2009 Table 1.