

Welded Wire Mesh

Galvanized (GI) — IS 4948:2002



Longitudinal and cross wires welded at every intersection into a flat, rigid sheet whose openings stay square. For fencing panels, compound wall infill, guards, partitions, grills, cages and crates.

Fabric

Wire	mild steel to IS 280, galvanized
Weld strength	weld shear at least 21 kg/mm ²
Tolerance	pitch within 5%; length within 25 mm or 1%
Supply	rolls, or panels cut to size
PVC coated	same sizes, green PVC over GI

Sizes and weight (IS 4948 Annex A)

Mesh (mm)	Wire, mm (kg/m ²)
15 × 15	1.60 (2.10)
20 × 20	2.00 (2.47) · 2.50 (3.85) · 3.15 (6.12)
25 × 25	2.00 (1.97) · 2.50 (3.08) · 3.15 (4.89)
37 × 37	2.50 (2.08) · 3.15 (3.31)
50 × 50	2.50 (1.54) · 3.15 (2.45) · 3.55 (3.11) · 4.00 (3.95) · 4.50 (4.99)
75 × 75	2.50 (1.03) · 3.15 (1.63) · 3.55 (2.07) · 4.00 (2.63) · 4.50 (3.33) · 5.00 (4.11) · 5.60 (5.16)
50 × 25	2.50 (2.31) · 3.15 (3.67) · 3.55 (4.66) · 4.00 (5.92) · 4.50 (7.49)
75 × 25	3.15 (3.26) · 3.55 (4.14) · 4.00 (5.26) · 4.50 (6.66) · 5.00 (8.22) · 5.00 × 3.15 (4.50)
75 × 50	3.15 (2.04) · 3.55 (2.59) · 4.00 (3.29) · 4.50 (4.16) · 5.00 (5.14) · 5.60 (6.44) · 5.00 × 3.15 (3.28) · 5.60 × 3.15 (3.80) · 5.60 × 3.55 (4.13)

- Weight per m² = 0.00617 × d² × (1000/p₁ + 1000/p₂). Mesh for concrete reinforcement is IS 1566, not this product.

Typical uses

Fencing panels · compound wall infill · guards and partitions · grills · cages and crates

Standard: IS 4948:2002 · **Quality:** ISO 9001:2015, Cert. No. 305024011282Q

HSN: 7314 20 10 / 7314 31 00 · **GST:** 18%



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Works: Jangalpur, Howrah 711411 · Ethelbari, Birpara 735204, West Bengal. Made to your drawing or tender clause; sizes as listed in IS 4948:2002 Annex A; weights are bare steel, worked from wire and pitch; other sizes to order.