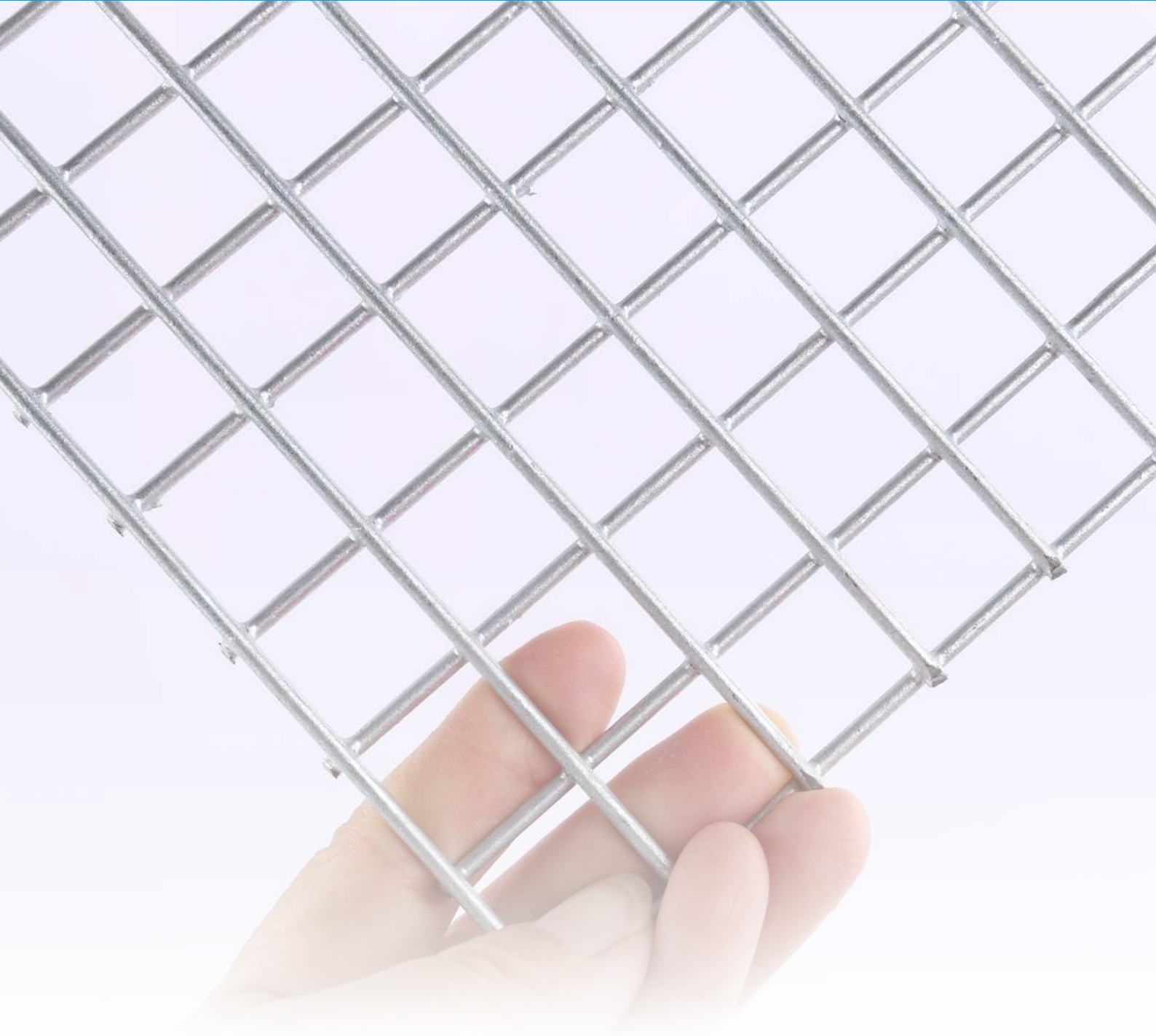




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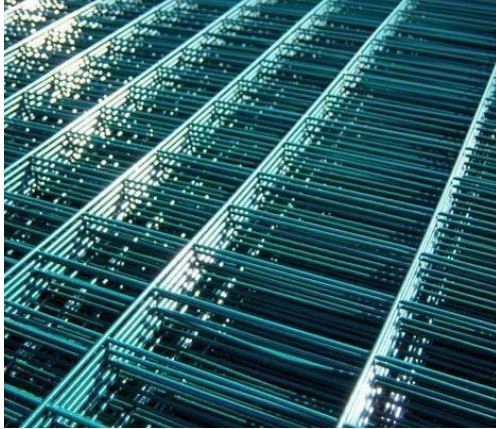
Walcoom Corporation



WELDED WIRE MESH

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Welded Wire Mesh Is the Material of Infill Panels, Cages and Trellis



Welded wire mesh can be divided into 2 types according to different flexibility: welded mesh panel and welded mesh roll. Panel common size is 1800 mm × 3000 mm, we also accept other requirements. Welded mesh roll has better flexibility.

Welded wire mesh is made of low carbon steel wire, which has galvanized and PVC coated surfaces, which have great anti-corrosion, anti-rust and weather resistance.

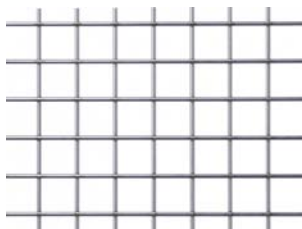
Firm structure and high tensile strength are also the features of welded wire mesh, which make it be widely used to make gabion, plaster walls, animal cages and plant trellis.

Feature

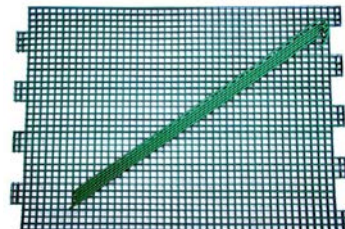
- Firm structure.
- Aesthetic design.
- High tensile strength.
- Good flexibility.
- Corrosion resistance and anti-rust.
- Weather resistance.
- Long service life.
- Appropriate price.

Specification

- **Material:** low carbon steel wire, stainless steel wire and aluminum-magnesium alloy wire.
- **Wire gauge:** 12–24 gauge, or other custom size.
- **Mesh size:** 1/4 inch – 2 inch, or other custom size.
- **Tensile strength:** 300–450 N/mm².
- **Elongation:** min. 15%.
- **Surface treatment:** galvanized (electro or galvanized), PVC coated, etc.
- **Coated thickness:** 0.5 mm – 1 mm.
- **Color:** white, green, black, accept customers' special request.



Galvanized welded wire mesh



PVC coated welded wire mesh

WELDED WIRE MESH

- **Process:** welded after galvanized and galvanized after welding.
- **Welded mesh roll length:** 5 m, 10 m, 30 m or other custom size.
- **Welded mesh roll width:** 0.5 m – 1.8 m or other custom size.
- **Panel size:** 1800 mm × 3000 mm (or more).
- **Mesh type:**



Welded Mesh Roll



Welded Mesh Panel

Table 1: Tolerances on Mesh Dimensions

Mesh dimensions mm	Tolerance mm
< 50	±2.0
≥50 to < 200	±3.0

Table 2: Mesh Size and Wire Diameter

Mesh Size		Wire Diameter Before & After PVC Coat		
mm	inch	BWG No.	Before Coated (mm)	After Coated (mm)
6.4	1/4	24–22	0.56–0.71	0.90–1.05
9.5	3/8	23–19	0.64–1.07	1.00–1.52
12.7	1/2	22–16	0.71–1.65	1.10–2.20
15.9	5/8	21–16	0.81–1.65	1.22–2.30
19.1	3/4	21–16	0.81–1.65	1.24–2.40
25.4 × 12.7	1 × 1/2	21–16	0.81–1.65	1.24–2.42
25.4	1	21–14	0.81–2.11	1.28–2.90
38.1	1 1/2	19–14	1.07–2.11	1.57–2.92
25.4 × 50.8	1 × 2	17–14	1.47–2.11	2.00–2.95
50.8	2	16–12	1.65–2.77	2.20–3.61

Table 3: Welded Wire Mesh Roll Size

Mesh Inch	Width × Length
1/2	3 ft. × 50 ft.
1/2	4 ft. × 50 ft.
1/2	5 ft. × 50 ft.
1/2	6 ft. × 50 ft.
3/4	3 ft. × 50 ft.
3/4	4 ft. × 50 ft.
3/4	5 ft. × 50 ft.
3/4	6 ft. × 50 ft.
1	3 ft. × 50 ft.
1	4 ft. × 50 ft.
1	5 ft. × 50 ft.
1	6 ft. × 50 ft.

Table 4: Mesh Panel Common Specification

Mesh		Wire Diameter	
Expressed in Inches	Millimeters	Diameter	Millimeters
1" × 1"	25 mm × 25 mm	11 G – 14 G	2 mm – 3 mm
2" × 1"	50 mm × 25 mm	8 G – 14 G	2 mm – 4 mm
2" × 2"	50 mm × 50 mm	8 G – 14 G	2 mm – 4 mm
3" × 2"	75 mm × 50 mm	6 G – 14 G	2 mm – 5 mm
3" × 3"	75 mm × 75 mm	6 G – 14 G	2 mm – 5 mm
4" × 2"	100 mm × 50 mm	4 G – 14 G	2 mm – 6 mm
4" × 4"	100 mm × 100 mm	4 G – 14 G	2 mm – 6 mm
5" × 5"	125 mm × 125 mm	4 G – 14 G	2 mm – 6 mm
6" × 6"	150 mm × 150 mm	4 G – 14 G	2 mm – 6 mm

Note: Special specifications can be customized.

Application

- Animal cages.
- Plant trellis panels.
- Floor heating system.
- Plaster walls.
- Slab reinforcement.
- Gridwall panel or display panel.
- Stair rail infill panel.
- Wire container.
- Wire decking.
- Welded gabion.



Welded wire mesh plant trellis



Welded wire mesh gabion landscape



Welded wire mesh wire container



Welded wire mesh zoo cage

WELDED WIRE MESH

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