

ANPING MENGKE
WIRE MESH MANUFACTURE CO., LTD



Curvy Welded Fence

CATALOG

Fencing System



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Curvy Welded Fence

Curvy welded fence, also known as 3D security fence, is a kind of specially designed welded wire mesh with V-shaped bending curves in its longitudinal direction.

It is made of high quality carbon steel wires where wires in the horizontal and vertical direction are welded at their junctions to provide a rigid wire mesh fence.

Generally, the number of V-shaped curves varies as the height of welded wire mesh varies.

Its attractive appearance, rigid structure and excellent visibility make it become a popular security fence that is widely used in railways, airports, schools, factories, residential areas, gardens, parks, sports stadiums, etc.

Surface Treatment

Galvanized

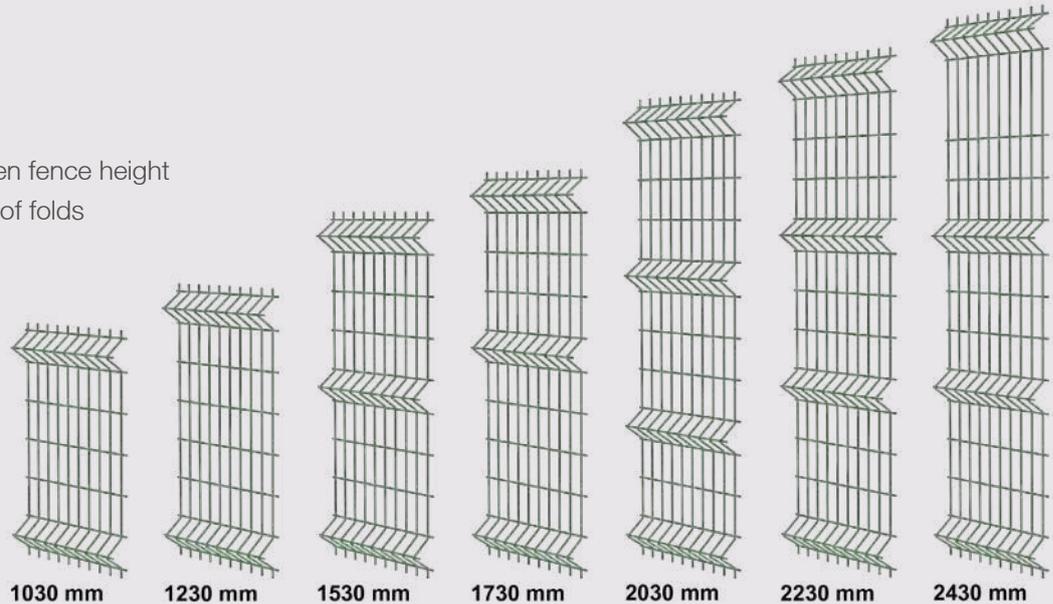


Powder coated



Specification

Relations between fence height and the number of folds



A Height:

630 mm, 830 mm, 1030 mm, 1230 mm, 1430 mm, 1530 mm, 1630 mm, 1730 mm, 1830 mm, 1930 mm, 2030 mm, 2230 mm, 2430 mm

B Width:

2000 mm, 2500 mm, 2900 mm

C Wire Diameter:

3.0 mm, 3.5 mm, 4.0 mm, 4.5 mm, 5.0 mm

D Mesh Opening:

50 × 100 mm, 50 × 150 mm, 50 × 200 mm, 75 × 100 mm, etc.

E Clamp:

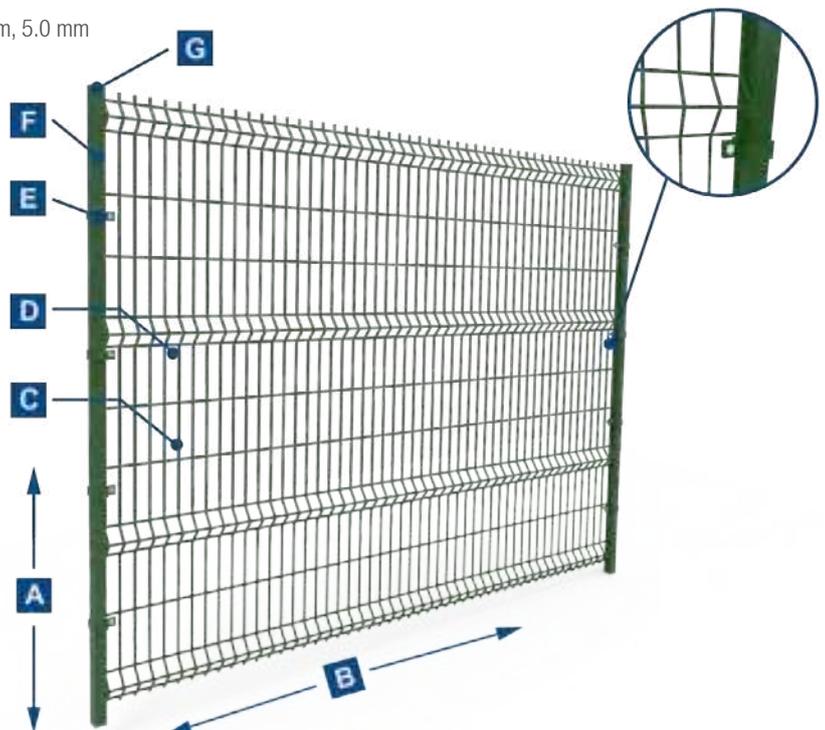
metal clamp/anti-UV plastic clamp/ no clamp (for peach post)

F Post:

Round post (48 OD × 1.5/2.0 mm, 60 OD × 1.5/2.0 mm);
 Square post (50 × 50 × 1.5/2.0 mm, 60 × 60 × 1.5/2.0 mm, 80 × 80 × 1.5/2.0 mm);
 Rectangular post (40 × 60 × 1.5/2.0 mm, 40 × 80 × 1.5/2.0 mm, 60 × 80 × 1.5/2.0 mm, 80 × 100 × 1.5/2.0 mm)

G Post Cap:

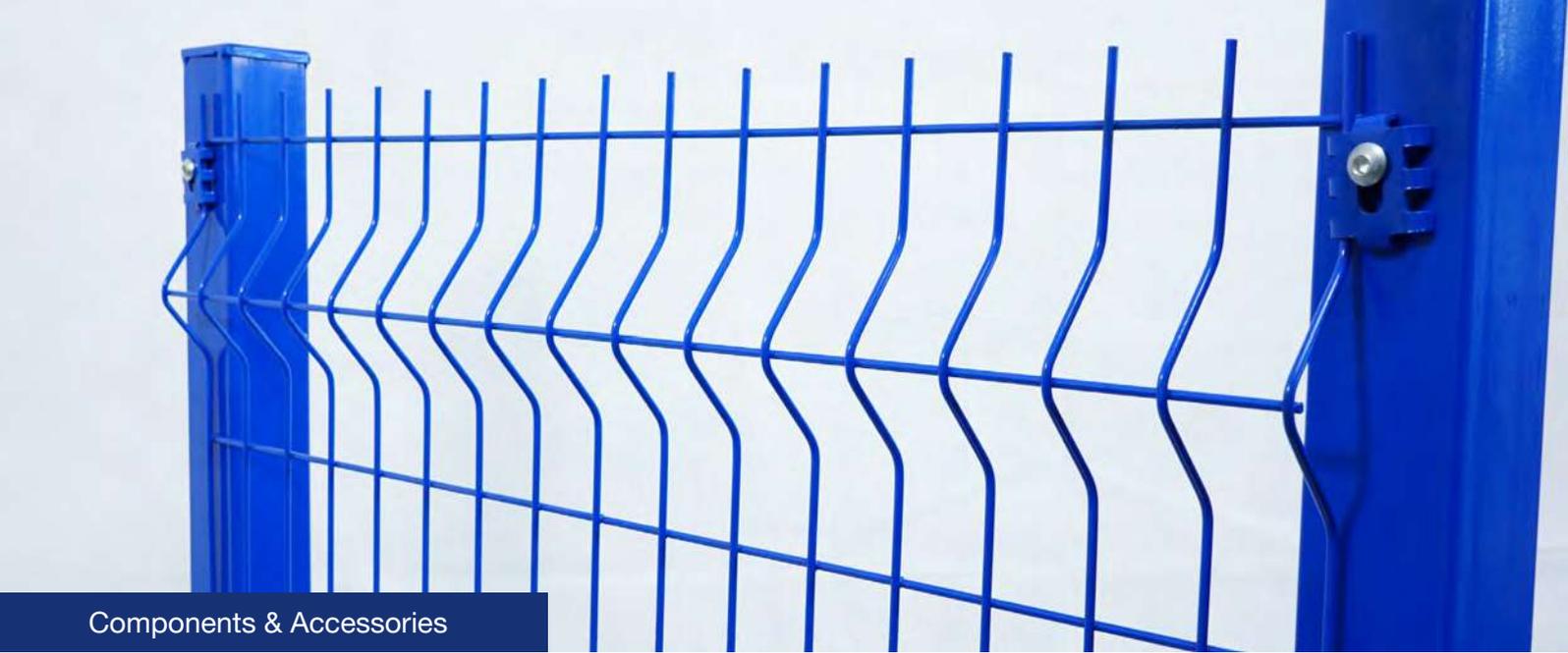
metal cap / anti-UV plastic cap



>All colors are available in Ral;

>Other materials and specifications are available upon request.

>If the fence height falls between 630 mm and 1430 mm, it will have 2 folds; if the fence height falls between 1530 mm and 1930 mm, it will have 3 folds; if the fence height falls between 2030 and 2430, it will have 4 folds as shown below.



Components & Accessories

The main components and connection methods of our curvy welded fence are as shown below.

⊕ Spider clip connection



⊕ J bolt connection



⊕ U bolt connection



⊕ Square clamp connection



⊕ M plastic clip connection



⊕ Metal clamp connection



⊕ Clamp bar connection



⊕ Peach post connection



Optional Accessories





Production Flow Chart

- + Step 1**
.....
Raw materials (carbon steel wires)
- + Step 2**
.....
Steel wire straightening and cutting
- + Step 3**
.....
Wire mesh welding
- + Step 4**
.....
Wire mesh bending
- + Step 5**
.....
Wire mesh powder coating
- + Step 6**
.....
Finished curvy welded fence panels
(powder coating)



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6

Package & Delivery



PANEL PACKAGE



POST PACKAGE



FENCE DELIVERY



FENCE TRANSPORTATION



Curvy Welded Fence Gates

⊕ Curvy Welded Fence Single Swing Gate



Height	1.2 m, 1.5 m, 1.8 m, 2.0 m, 2.2 m, 2.5 m, 3.0 m
Width	0.8 m, 1.0 m, 1.2 m, 1.5 m, 2.0 m
Mesh Size	50 × 100 mm, 50 × 200 mm, 75 × 150 mm
Wire Diameter	3.0–5.0 mm
Post (square)	60 × 60 mm, 80 × 80 mm, 100 × 100 mm
Frame Tube	20 × 20 mm, 25 × 25 mm, 30 × 30 mm
Surface Treatment	Hot dipped galvanized, powder coated

⊕ Curvy Welded Fence Double Swing Gate



Height	1.2 m, 1.5 m, 1.8 m, 2.0 m, 2.2 m, 2.5 m, 3.0 m
Width	4.0 m, 4.8 m, 6.0 m, 10.0 m
Mesh Size	50 × 100 mm, 50 × 200 mm, 75 × 150 mm
Wire Diameter	3.0–6.0 mm
Post (square)	60 × 60 mm, 80 × 80 mm, 100 × 100 mm
Frame Tube	20 × 20 mm, 25 × 25 mm, 30 × 30 mm
Surface Treatment	Hot dipped galvanized, powder coated

⊕ Curvy Welded Fence Sliding Gate



Height	1.2 m, 1.5 m, 1.8 m, 2.0 m, 2.2 m, 2.5 m, 3.0 m
Width	4.0 m, 4.8 m, 6.0 m, 10.0 m
Mesh Size	50 × 100 mm, 50 × 200 mm, 75 × 150 mm
Wire Diameter	3.0–5.0 mm
Post (square)	60 × 60 mm, 80 × 80 mm, 100 × 100 mm
Frame Tube	20 × 20 mm, 25 × 25 mm, 30 × 30 mm
Surface Treatment	Hot dipped galvanized, powder coated



Features & Application

Features

⊕ Beautiful appearance

Its unique bending curves make it have an authentic 3D outlook compared with other fence panels.

⊕ Corrosion resistance & weatherproof performance

Its galvanized and powder coating surface give excellent rust & corrosion resistance to withstand various harsh environment conditions.

⊕ Ridge structure

Its bending curves not only offer a beautiful surface but also strengthen its rigidity.

⊕ Long service life

The galvanized and powder coating treatment allows the curvy welded fence working properly for 10 years.

⊕ Cost effective

It provides a competitive price while maintaining high quality, rigidity and long life service.

⊕ Less maintenance

It has a solid structure, so it will not damage easily. Besides, its excellent corrosion resistance and weatherproof performances keep it work properly under harsh environments and extend its maintenance period.

Application



OFFICE BUILDINGS



KINDERGARTENS



TRUCK PARKING



RESIDENTIAL COMMUNITIES



FACTORY YARDS



PARKS



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