



Bring you security life!

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HUA GUANG WIRE FENCING

20 Years Warranty

HEBEI • CHINA



Brief Introduction

ANPING COUNTY HUA GUANG WIRE MESH PRODUCTION CO., LTD is an **ISO 9001:2015** certified manufacturer, every month can deliver 300 containers construction material products, after 20 years of development, our business scope has expanded to six production branches in China, engaged in the production of raw materials, metal fences, wire mesh series and various mesh panels. **"HG Fencing" brand** wire mesh fence widely used in highways, railroads, city streets and houses, gardens, factories, farms, sports fields, etc.

Hua Guang has **300** employees, including **20** technicians, **10** department managers and **50** project installation service staff. The factory has **30** sets large automatic mesh welding machines, **4** sets large automatic reinforcing construction mesh welding machines, **4** sets robotic welding lines. **5** plastic mesh production machine lines, **4** automatic PVC spraying and dipping lines and **4** automatic galvanizing lines etc. Huaguang has become the leading fence manufacturer in China.

The **main products** we offer include 358 anti-climb fence, Curved Mesh Fence, Chain link fence, Palisade fence, Field fence, Tubular Steel Fence, Temporary fence, BRC fence, barbed wire, and also offer Gabion mesh, Chicken wire mesh, Hardware cloth, Window Screens and Crimped wire mesh, Plastic Mesh, etc. A wide range of products are available to meet the needs of customers for security protection in various scenarios.

With high quality products, reasonable price and excellent after-sales service, Huaguang exports its products to Hong Kong, Europe, America, Southeast Asia, Middle East and Africa, Oceania and so on. We hope to establish a long-term business relationship with you and sincerely hope that the fences we produce will **bring you security life!**



国家企业信用信息公示系统网址: <http://www.gsxt.gov.cn> 市场主体应当于每年1月1日至6月30日通过国家企业信用信息公示系统报送公示年度报告。 国家市场监督管理总局监制

- 1、Quality policy
Seek for innovation and pursue excellence.
- 2、Quality objectives
Punctually delivering zero-defect products with top competitiveness to satisfy the customers.
- 3、Quality standards
 - ① Standardized incoming inspection.
 - ② In-process Control: Emphasized first-piece inspections, independent inspections, and cruising inspections.
 - ③ Intensive finished products inspections.
- 4、Quality Guarantee
We guarantee most of our products for more than 10 years.



Peach-shaped fence



- Peach-shaped fencing is a new type of fence, which is popular in many developed countries such as the United States, Japan, South Korea and other big cities in China. There is no need for any bolts between the mesh panel and the post, easy to install, very strong and won't loosen after installation, with a variety of colors, beautiful and generous, and suitable for most of the terrain.

Fence Post Model	Panel Height (mm)	Width (mm)	Diameter (mm)	Mesh spacing (mm)		Post Spec (mm)
				Vertical	Horizontal	
Peach post	930	2500	5.0/4.5/4.0			70*100*1.2thk 50*70*1.2thk
	1230			50	200	
	1530			55	200	
	1830			50	100	
	2130			55	100	

Surface Treatment: Galvanized and Electrostatic polyester Powder coated or PVC coated.

Any size as details requirement.



Curved Mesh Fence



HUAGUANG FENCE



Height	wire diameter	Mesh opening	Bending mesh	Panel Width	Post Type	
830mm	3.0-6.0mm	50*100mm 55*100mm 50*200mm 55*200mm	50*200mm 55*200mm 50*100mm 55*100mm	2.5m or 3.0m	Type 1 SHS TUBE	50*50mm
1030mm						60*60mm
1230mm						80*80mm
1430mm						100*100mm
1530mm					Type 2 RHS TUBE	40*60mm
1730mm						40*80mm
1830mm						60*80mm
2230mm						80*100mm
2430mm					Type 3 Round Pipe	φ42mm
2530mm						φ48mm φ60mm φ75mm
					Type 4 Peach Post	50*70mm 70*100mm

Surface treatment: 1: hot dipped galvanized after welding 2: galvanized and electrostatic polyester powder coated 3: galvanized and PVC coated



Anti-Climb Fence



Features & Benefits

Unique mesh design, **anti-climbing**, **anti-tool cutting**, sturdy and durable

Applications

Residential buildings, factories, roads, prisons, military bases, airports and other places where high security is required.

Fence Model	Height of fence(mm)	Width of fence (mm)	Steel Wire Diameter (mm)	Mesh Spacing (mm)	Post Spec
Anti-Climb Fence	1200-2500	2000-3100	3.0-5.0	12.5*75 12.6*76.2 25*75	60*60*2.0mm 70*70*2.0mm 60*80*2.0mm (SHS Post C/W Flat Bar 40*5.0mm thk & Bolt & Nut)
Surface Treatment: Galvanized and Electrostatic polyester Powder coated or hot dipped galvanized after welded.					
Any size as details requirement.					



Anti-cut



Anti-climb



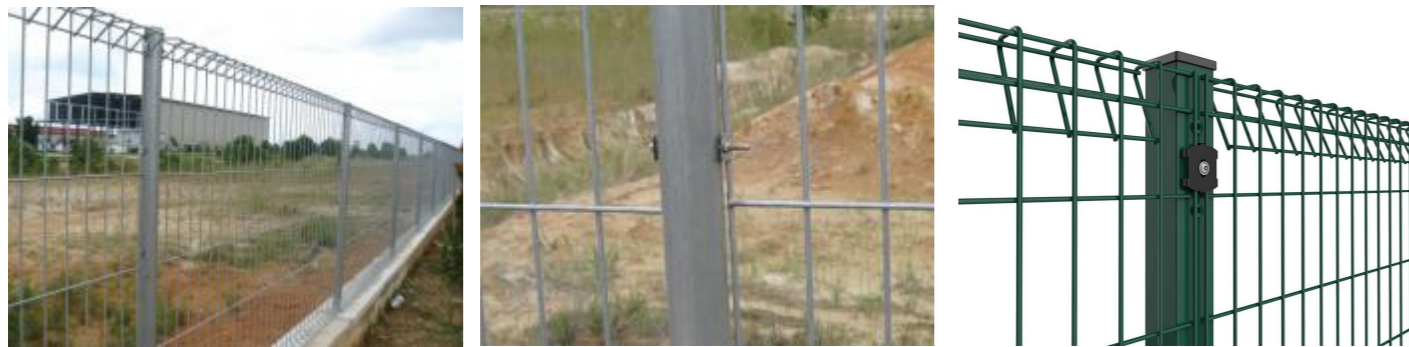
Clearvu Fence

Roll Top Fence (BRC Fence)

• Roll Top Fence is also called BRC Fence, Triangle Bending Fence, its top and bottom edges are rolled to form a "triangle", which makes the fence safer and more rigid. BRC fence is ideal for parks and recreation areas, playground fences and school fences.

► Because the top and bottom of BRC fence are **flat structure**, it can be installed in multiple layers, i.e. one or more panels are placed on top of the bottom panel.

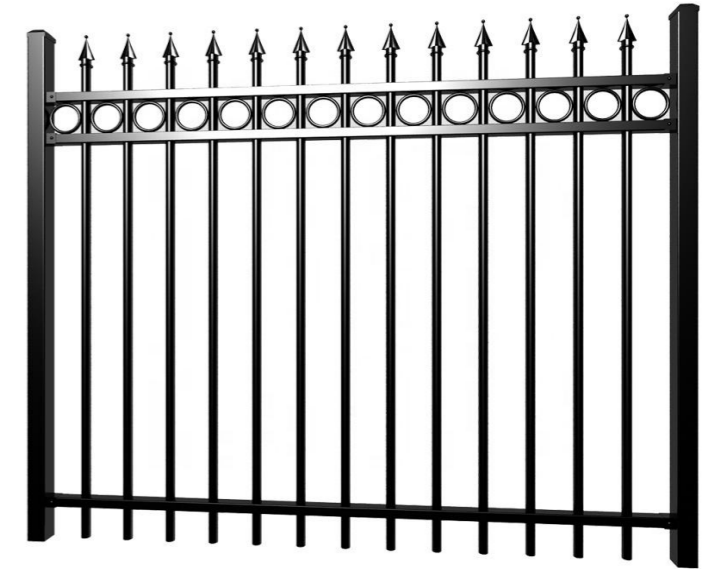
Fence Model	Height(mm)	Width(mm)	Diameter(mm)	Mesh Spacing(mm)		Post Spec(mm)
				Vertical	Horizontal	
Roll Top Fence	900, 1200, 1500, 1800, 2100, 2400	1500-3000	4.0 - 8.0mm	50	150	Round Post: φ60, φ48 Square Post: 50*50, 60*60, 80*80
				75	Varies	



Tubular Steel Fence

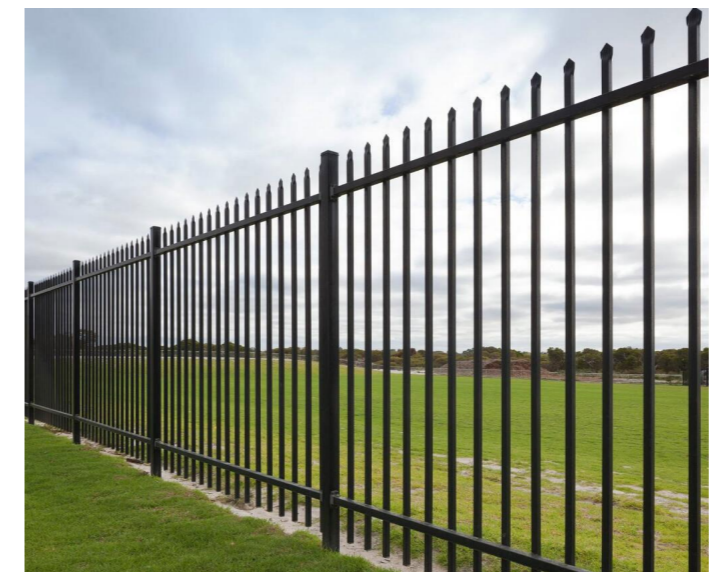
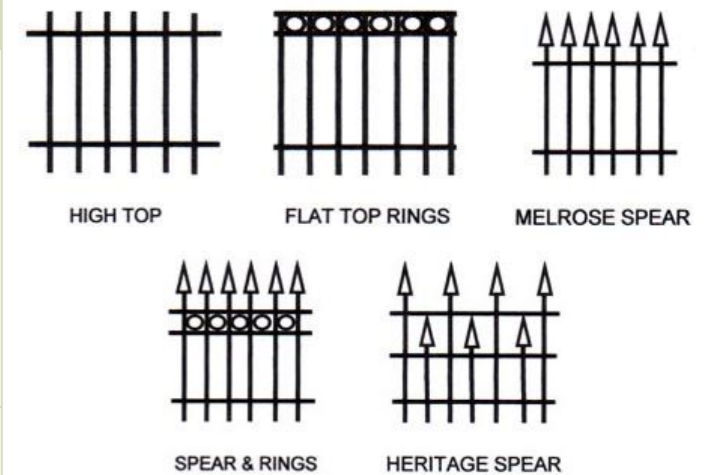
• Tubular Steel Picket Fence, also known as steel Picket Fence, consists of vertical tubes, horizontal rails, spearheads, fence posts and accessories. Horizontal rails and vertical rails make up the mesh, which is connected to the posts by anti-theft screws. Its styles are beautiful and diverse, perfect for parks, houses, yards and other places.

► **Assembled Type** or **Welded Type** is available, many styles to choose from and easy to install.
► Generally welded with galvanized pipe and then coated with powder for **strong corrosion resistance**.



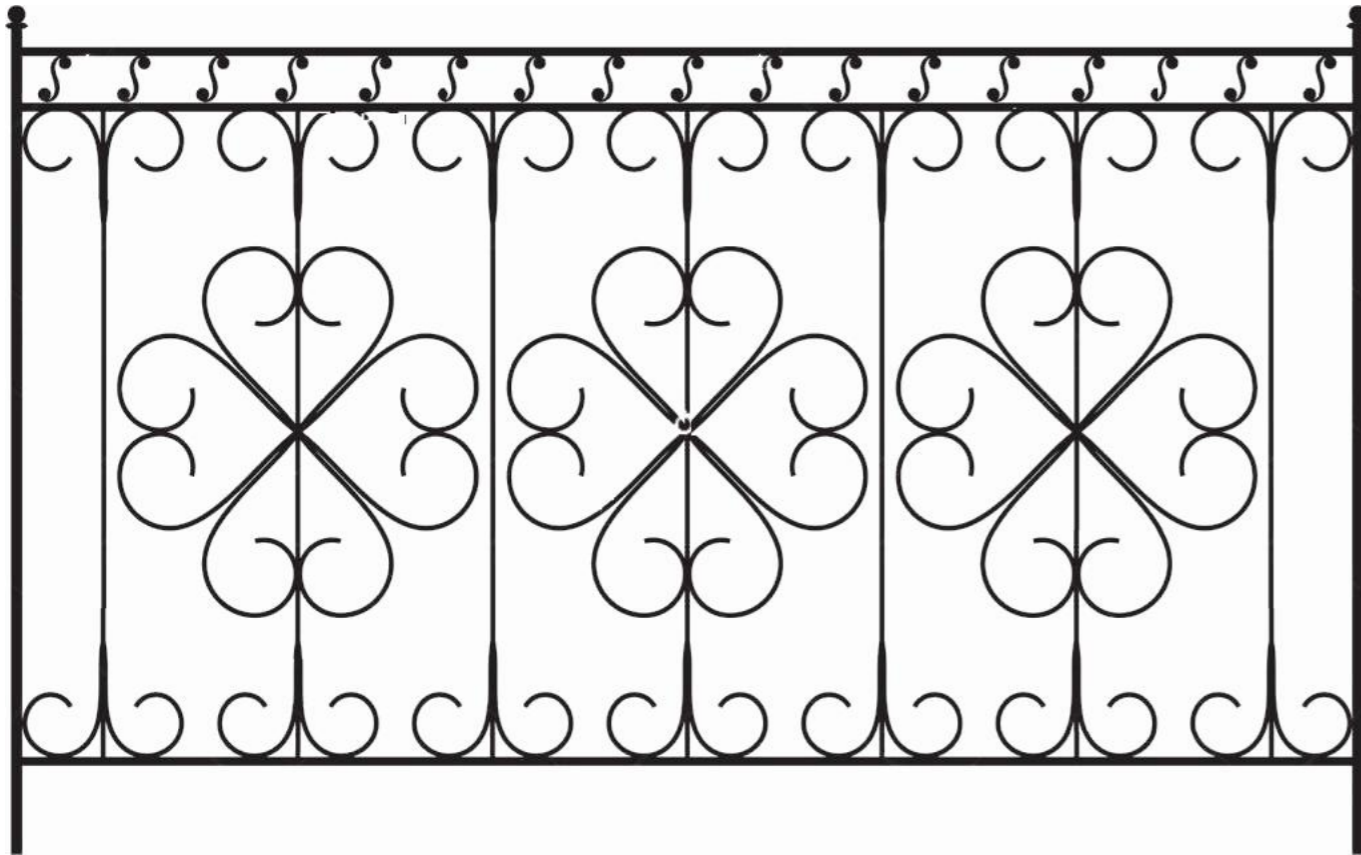
Rail (mm)	Picket (mm)	Center space (mm)	Size(mm)	Post size (mm)
25*25				
30*30	15*15	110	1800L * 1500H	50*50
40*40	20*20	120	2100L x 1800H	60*60
50*50	25*25		2400L x 2100H	80*80
60*60				100*100

Surface: galvanized and electrostatic polyester powder coated or hot dipped galvanized.



Window Fence

- Tubular Window Fence consists of vertical pipes, horizontal rails, spears, fence posts and accessories. Horizontal and vertical rails are connected with posts by screws, and posts are installed upright to the ground. The surface treatment is hot dipped galvanization or powder coating. It's popular in America, Canada, Australia etc.



Edge Protection barrier

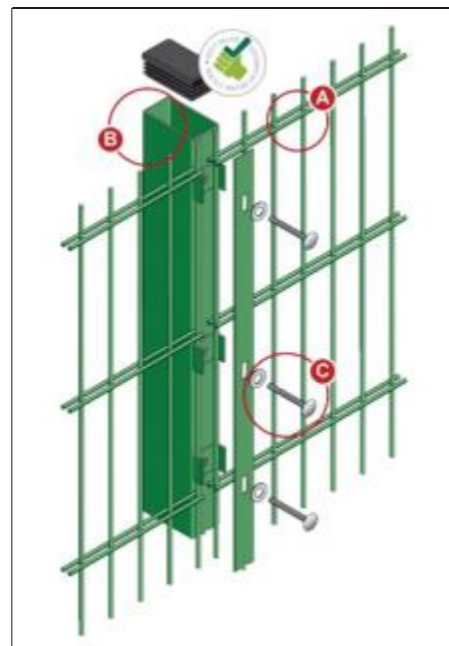
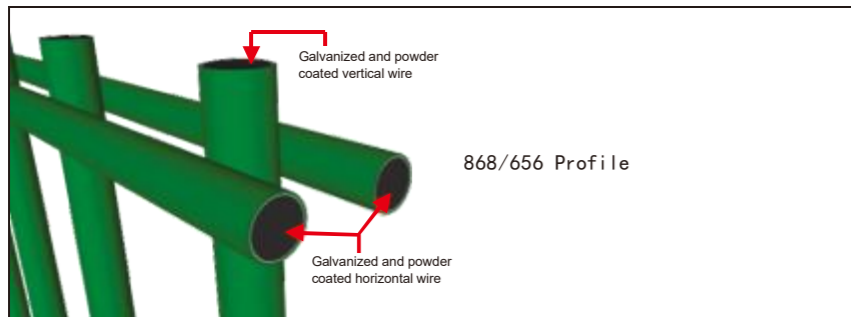
- Edge protection barrier is made of high quality steel, and it can be powder coated in a range of colours, it is mostly used on construction sites to **prevent things from falling** and causing harm to people.
- Powder coated in a range of colors, accept customized with company logos, there is a baffle on the bottom of the Edge protection barrier to protect small stone falling, avoid hurting somebody.



Rail (mm)	Picket (mm)	Center space (mm)	Size (mm)	Post size (mm)
25*25			1200	
30*30			1400	
40*40	15*15	110	1600	50*50
50*50	20*20	120	1800	60*60
60*60	25*25		2000	80*80
			2200	100*100
			2400	
			3000	

Surface: galvanized and electrostatic polyester powder coated or hot dipped galvanized

Double Wire Fence



SPECIFICATION OF DOUBLE WIRE FENCE				
Height * Width (mm)	Mesh Size (mm)	Wire Dia (mm)	Post type (mm)	Height of Post (mm)
630*2500	50*200	6/5/6	40x60	1100
830*2500				1300
1030*2500				1500
1230*2500				1700
1430*2500				1900
1630*2500				2100
1830*2500				2400
2030*2500				2600
2230*2500				2800
2430*2500				3000

Decorative Fence



Palisade Fence

"D" section Pale



1 2 3 4 5

D Section is available in 3 thicknesses
 3.0mm-General Purpose
 3.50mm-Security Purpose
 4.00mm-Special Order.

Pale Heads
 1.Square top
 2.Triple pointed top
 3.Single pointed top
 4.Round top
 5.Round and Notch top

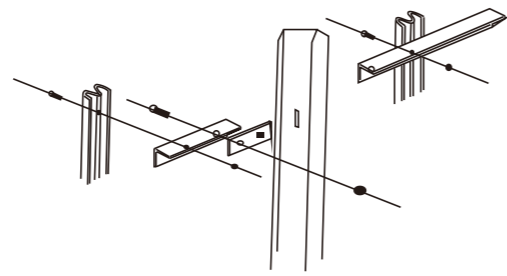
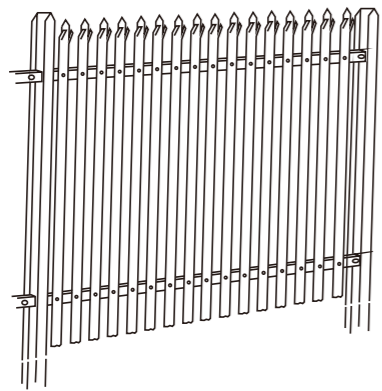
"W" section Pale



1 2 3 4

W Section is available in 3 thicknesses
 2.0mm-General Purpose
 2.50mm-Security Purpose
 3.00mm-Special Order.

Pale Heads
 1.Triple pointed top
 2.Single pointed top
 3.Round and Notch top



Installation



Steel Tower Fence

- Tower fence is available in a range of finishes, galvanized in, or galvanized and color coated in various colors to blend with the environment. For high security, you can add Concertina Razor wire on top.



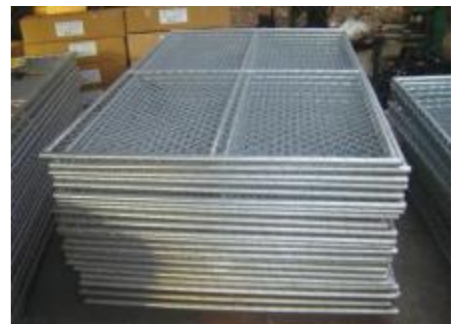
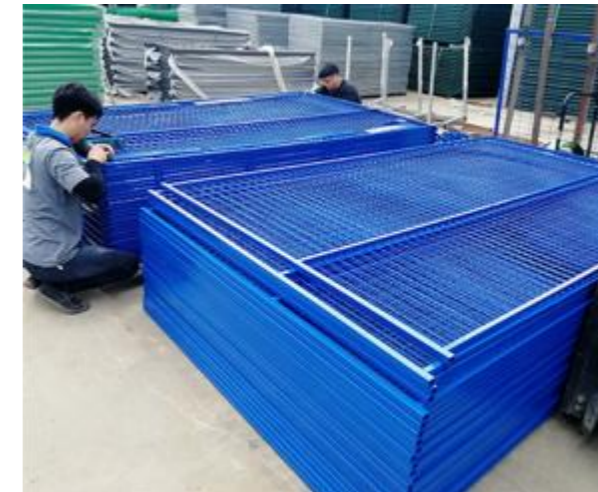
Temporary Fence



Wire diameter (mm)	3.0/3.5/3.8/4.0
Mesh opening (mm)	60x150, 60x200, 75x75, 75x150, 75x200, 75x300, 100x300mm
HxW (mm)	1800x2400, 1800x2500, 2100x2400, 2100x2500mm
Frame (mm)	Φ32, Φ40, Φ42, Φ48mm
Plastic Base Block	660(L)x220(W)x150(H)mm
Colour available	yellow, green and grey
Surface Treatment: Hot dipped galvanized before welding with silver protecting on the weld joints or hot dipped galvanized after welding.	



Wire diameter	3.0/3.5/3.8/4.0
Mesh Opening (mm)	60x150, 60x200, 75x75, 75x150, 75x200, 75x300, 100x300mm
HxW (mm)	1500x3000, 1800x3000, 2000x3000mm
Frame (mm)	20x20mm, 25x25mm
Steel Base Block	762x100x5mm thickness
Colour available	red, blue, yellow, green and grey
Surface Treatment: Galvanized and Electrostatic polyester powder coated or hot dipped galvanized after welding	



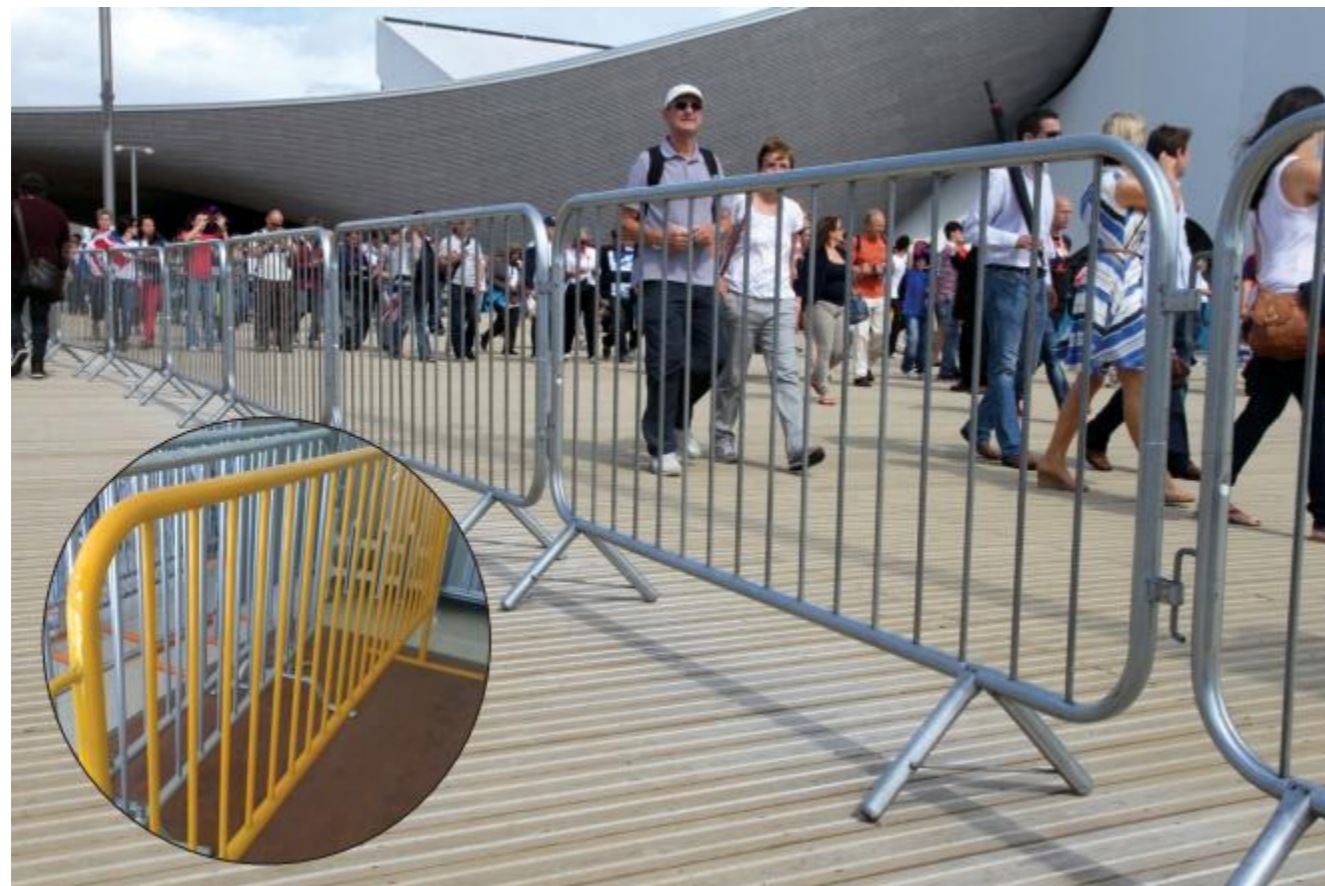
Crowd Barrier



HUAGUANG FENCE



Frame	Infilled Pipe	Foot	Surface Treatment	Panel Width	Height
φ 32x1.5mm φ 38x1.5mm φ 42x1.5mm φ 48x1.5mm	φ 12x0.7mm φ 14x1.0mm φ 16x1.0mm φ 20x1.2mm φ 25x1.2mm	Welded on the frame or removable	Galvanized and powder coated or hot dipped galvanized after welded	2.00m 2.50m	1100mm 1250mm 1500mm



Airport Fence



HUAGUANG FENCE

- Structure: The fencing includes panels, posts, razor wire and inclined support post (can choose), the fence are welded with low carbon steel wires and then PVC coated. Widely used in separating and defending in airport, beautifying and climbing-resisting.



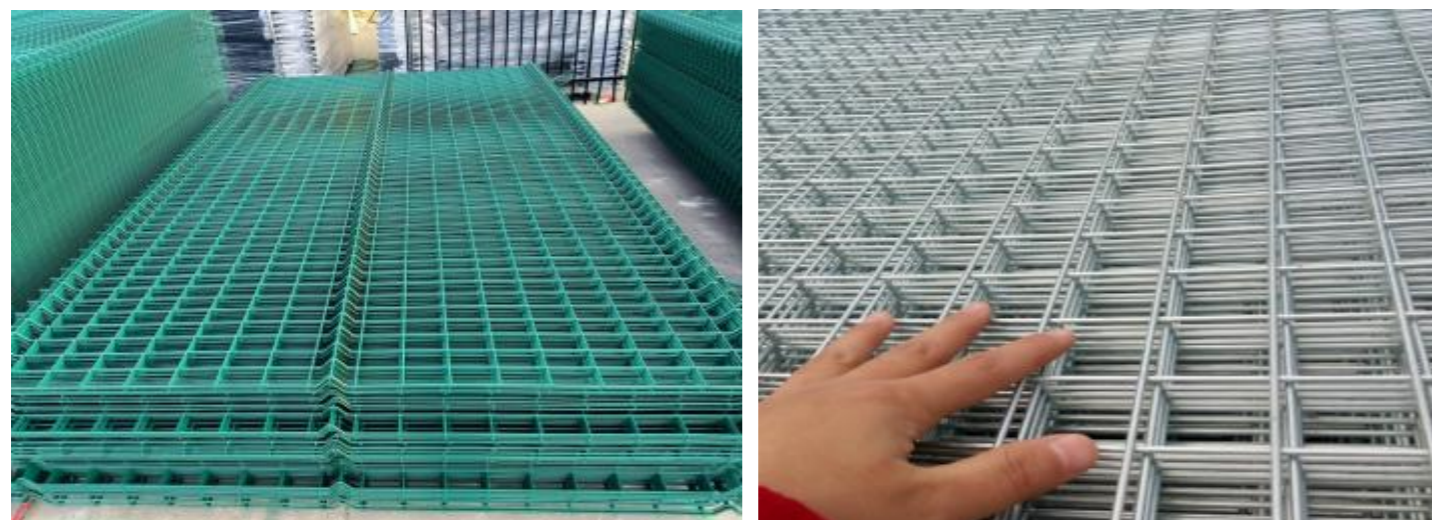
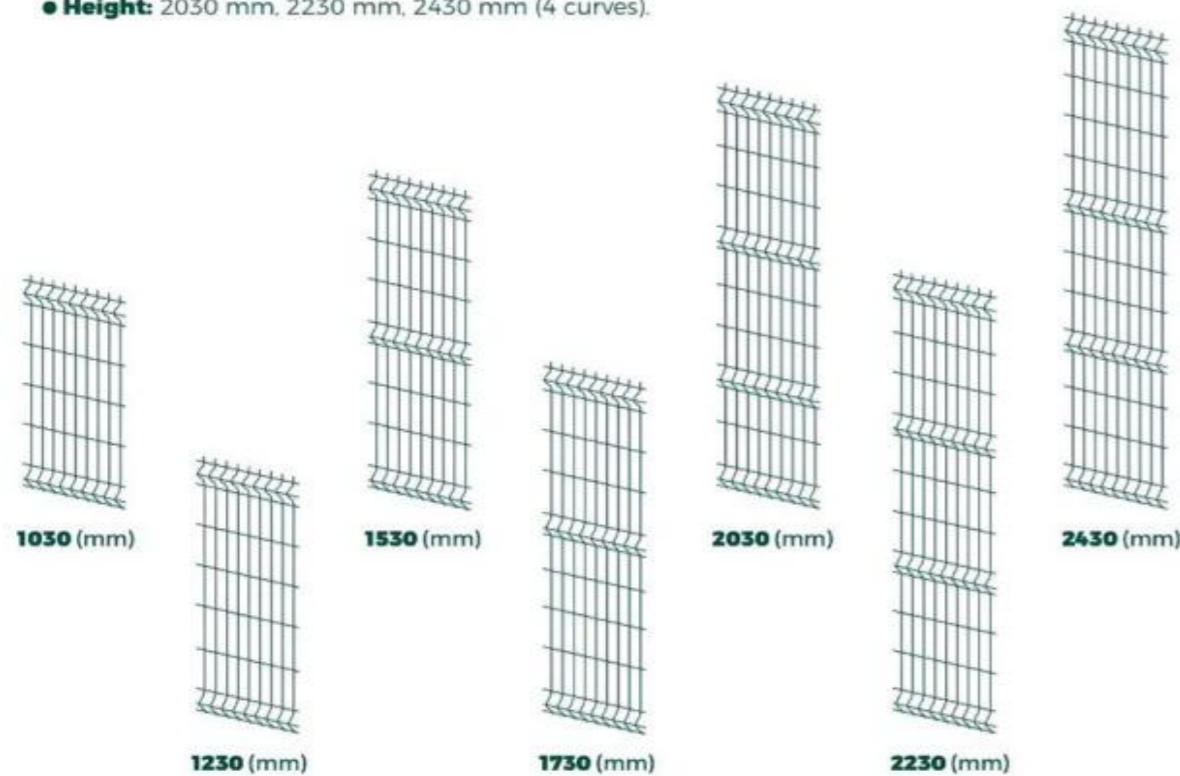
Welded Wire Mesh Panel

• The welded wire mesh panels are made of high quality low carbon steel wires or stainless steel wires, which are welded together horizontally and vertically by automatic welding machines, and then the welded mesh panels is galvanised, pvc dipped or powder sprayed. The welded wire mesh panels has strong welded joints and is able to withstand large impacts, even when partially cut or damaged.

• **Height:** 630 mm, 830 mm, 1030 mm, 1230 mm (2 curves).

• **Height:** 1530 mm, 1730 mm (3 curves).

• **Height:** 2030 mm, 2230 mm, 2430 mm (4 curves).



Reinforcing Mesh

• Manufactured in strict accordance to SANS 1024:1991 standards. Welded Mesh mats can be detailed as either flat or bent sheets, depending on the job requirements.

• Welded Mesh reinforcement mats are the most commonly used form of prefabricated reinforcement and is particularly suitable for flat slab construction. Other designed applications would be for pile caps, retaining walls, shear walls as well as beams and columns.

• Welded Mesh reinforcement reduces construction time considerably. SABS designated fabric mats are standard welded reinforcement mats and can be scheduled simply by reference to the fabric type, sheet dimensions and bending shape code. (The reference is the nominal mass of the fabric in $\text{Kg/m}^2 \times 100$).

• The wire used in WM reinforcement fabric has a characteristic strength (0.2% proof stress) of 485 MPa compared to 450 MPa for high tensile rebar. Fabric may be used at higher stresses than high tensile rebar resulting in a material saving of approximately 8%.



	Fabric	Mesh Size Nominal Pitch of wire		Wire Sizes		Cross sectional area/m width		Nominal mass/m ²	Supplied in
		Ref No.	Main mm	Cross mm	Main mm	Cross mm	Main mm	Cross mm	
Square Mesh Fabric	888	200	200	12	12	566	566	8.88	Sheets only 6m×2.4m
	746	200	200	11	11	475	475	7.46	
	617	200	200	10	10	393	393	6.17	
	500	200	200	9	9	318	318	5.00	
	395	200	200	8	8	251	251	3.95	
	311	200	200	7.1	7.1	198	198	3.11	
	245	200	200	6.3	6.3	156	156	2.45	
	193	200	200	5.6	5.6	123	123	1.93	
	100	200	200	4	4	63	63	1.00	
Design Mesh Fabric	1085	100	200	12	8	1131	251	10.85	Sheets only 6m×2.4m
	943	100	200	11	8	951	251	9.43	
	772	100	200	10	7.1	786	198	7.72	
	655	100	200	9	7.1	636	198	6.55	
	517	100	200	8	6.3	503	156	5.17	
	433	100	200	7.1	6.3	396	156	4.33	
	341	100	200	6.3	5.6	312	123	3.41	
Longitudinal Mesh Fabric	289	100	200	5.6	5.6	246	123	2.89	Sheets only 6m×2.4m
	278	100	300	6.3	4	312	42	2.78	
	226	100	300	5.6	4	246	42	2.26	
Special Mesh	133	100	300	4	4	126	42	1.33	Sheets or rolls 60m×2.4m
	200	100	100	4	4	126	126	2.00	
	156	100	100	3.55	3.55	99	99	1.56	

Hexagonal Gabion Box

- Gabion Wires Box are made of heavy galvanized wire / Zinc aluminium alloy (Golfan) coated wire / PVC or PE coated wires, the mesh shape is hexagonal style. The Gabion Basket are used widely in slope protection, foundation pit supporting, mountain rock holding, river and dams scour protection.
- Gabion mesh is made by hexagonal twisting process: raw material selection (coiled bars) - cold drawing/galvanizing/plasticizing - machine weaving - manual shearing, assembly - product inspection - packaging and transportation.



Length (m)	width (m)	Height (m)	Wire Diameter	Wesh Opening
1	1	0.5	2.2 mm	6*8 cm
2	1	0.5		
3	1	0.5		
4	1	0.5		
5	1	0.5	2.5 mm	8*10 cm
1	1	1		
2	1	1		
3	1	1		
4	1	1		
5	1	1	2.7 mm	10*12 cm
1	1	1		
2	1	1		
3	1	1		
4	1	1		
5	1	1	3.5 mm	12*15 cm
1	1	1		
2	1	1		
3	1	1		
4	1	1		

Welded Gabion Box

- Welded Gabion box are wire mesh containers welded with high quality steel wire, then connected by spirals, assembled with spacers/stiffeners. They can be filled on site with hard durable stone materials to form mass gravity retaining structures. Owing to their inflexibility, welded gabion box can adapt to differential settlement or be used in water courses.

Length (mm)	Width (mm)	Height (mm)	Diameter (mm)	Mesh spacing (mm)	Spirals (mm)
2000	1000	1000	3-6	50x50 75x75 50x100 100x100	300 500 600 1000 2000
2000	1000	500			
2000	500	500			
2000	300	300			
1000	1000	1000			
1000	1000	500			
1000	500	500			
500	500	500			
1200	600	600			



Hesco Barrier

• Hesco barrier, also named as Hesco bastion, Hesco defense wall or welded gabion box, consists of collapsible wire mesh containers with a heavy duty fabric liner, which can be used individually or by joining several units together. The Hesco Defense Wall is a modern type of gabion mesh used for military defense and flood control.

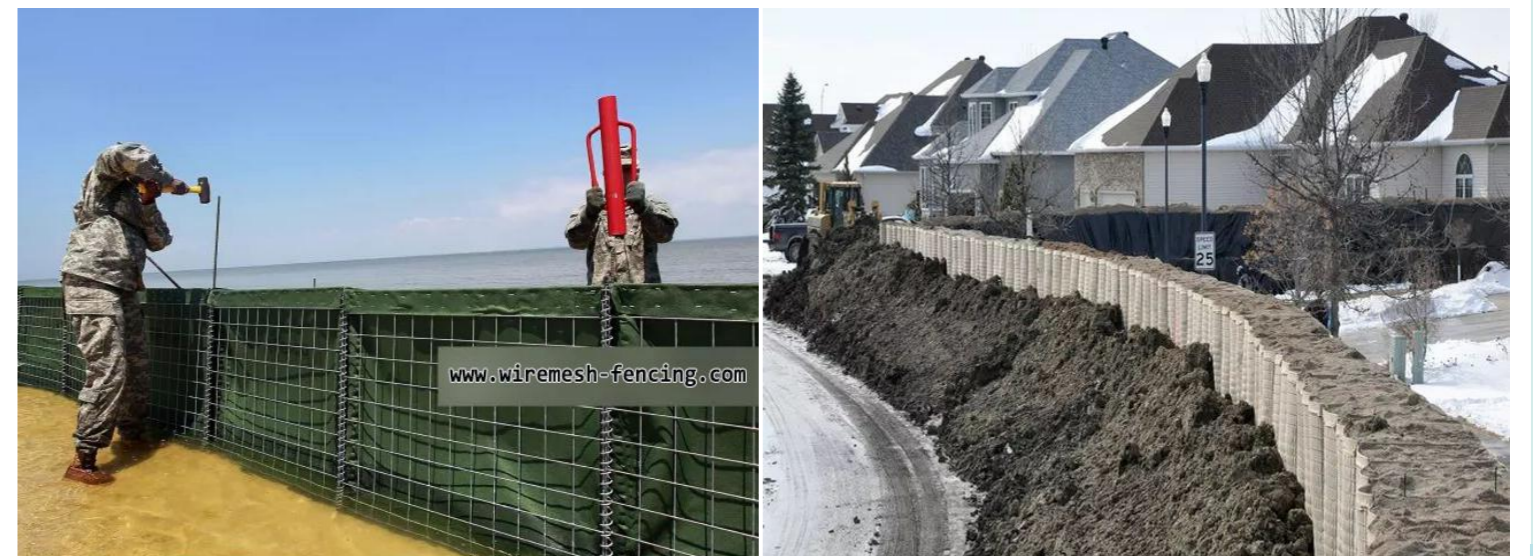
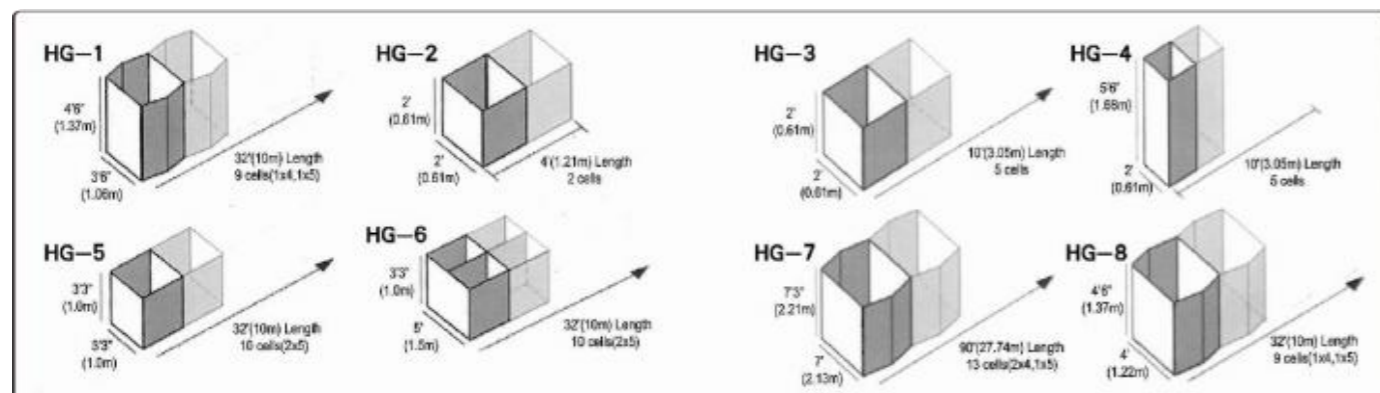
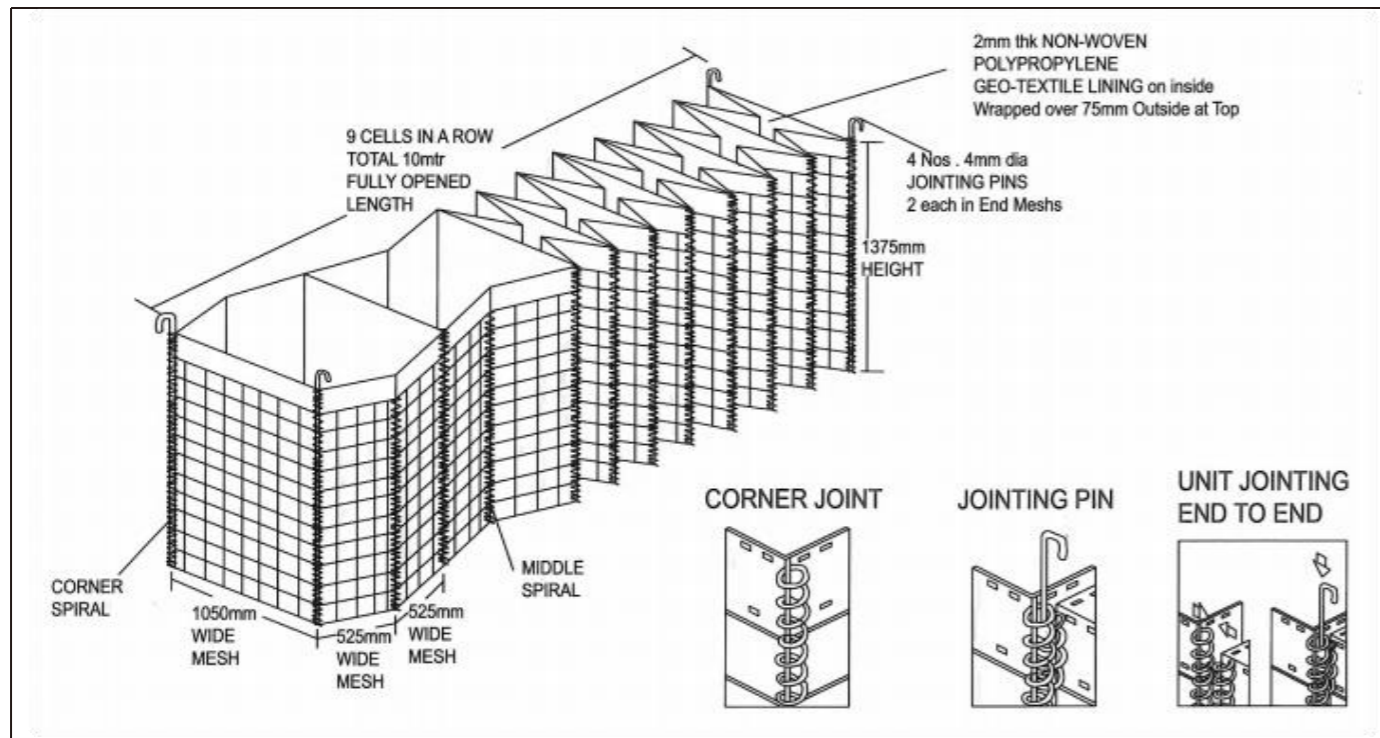
1. hot-dipped galvanized hesco barrier / hesco bastion surface treatment.

Surface Treatment	Min	Max
Hot Dipped Galvanized Before Welded	40-60g/m ²	80g/m ²
Hot Dipped Galvanized Before Welded	240-260g/m ²	260g/m ²
Hot Dipped Galvanized After Welded	450-500g/m ²	500g/m ²

2. hot-dipped galvanized hesco barrier / hesco bastion geotextile detail.

Geotextile	Color	Thickness	Weight
HG-1	green	2.0 - 3.5 mm	200-350g/m ²
HG-2	Grey	2.0 - 3.5 mm	200-350g/m ²
HG-3	Dark yello	2.0 - 3.5 mm	200-350g/m ²
HG-4	Earth yellow	2.0 - 3.5 mm	200-350g/m ²

Standard	height	Width	Length
MIL1 5442	54"(1.37m)	42"(1.06m)	32'9"(10m)
MIL2 2424	24"(0.61m)	24"(0.61m)	4'(1.22m)
MIL3 3939	39"(1.00m)	39"(1.00m)	32'9"(10m)
MIL4 3960	39"(1.00m)	60"(1.52m)	32'9"(10m)
MIL5 2424	24"(0.31m)	24"(0.61m)	10'(3.05m)
MIL6 6624	66"(1.68m)	24"(0.61m)	10'(3.05m)
MIL7 8784	87"(2.21m)	84"(2.13m)	91'(27.74m)
MIL8 5448	54"(1.37m)	48"(1.22m)	32'9"(10m)
MIL9 3930	39"(1.00m)	30"(0.76m)	30'(9.14m)
MIL10 8760	87"(2.21m)	60"(1.52m)	100'(30.50m)
MIL11 4812	48"(1.22m)	12"(0.30m)	4'(1.22m)
MIL12 8442	84"(2.13m)	42"(1.06m)	108'(33m)
MIL19 10842	108"(2.74m)	42"(1.06m)	10'5"(3.18m)

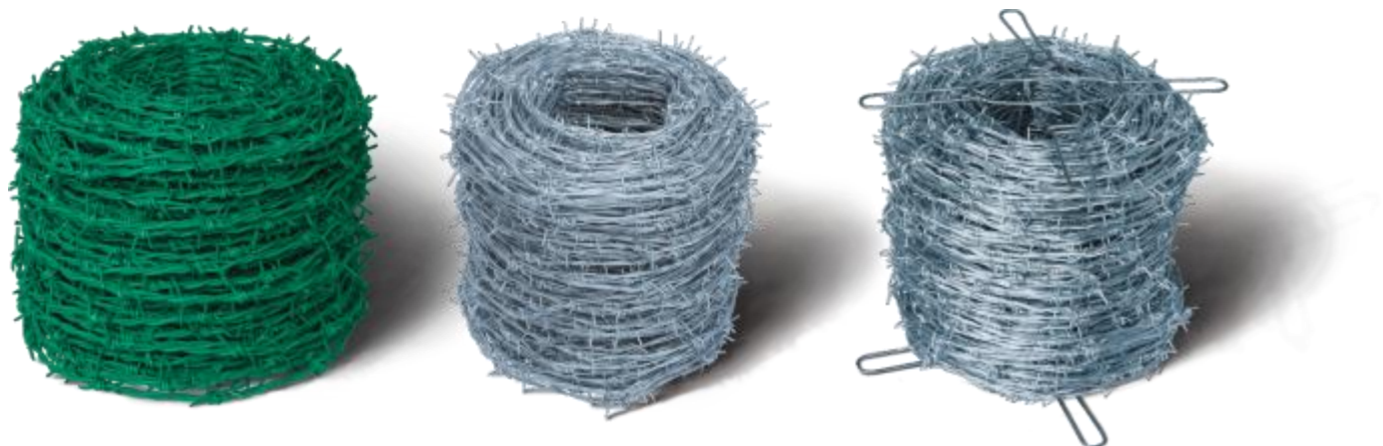


Barbed Wire Series



HUAGUANG FENCE

- Material: High quality low carbon steel wire, galvanized or PVC coated;
- Woven technology: Twist woven;
- Merit: Strong and beautiful looking;
- Use: Industry, agriculture, highway road and so on.
- Packing: On customers request.



Specifications Barbed Wire

Gauge of Strand and Barb in B.W.G.(AnneX3)	Approximate Length per kilogram in Meter			
	Barbs Spacing 3"	Barbs Spacing 4"	Barbs Spacing 5"	Barbs Spacing 6"
12x12	6.0617	6.7590	7.2700	7.6376
12x14	7.3335	7.9051	8.3015	8.5741
12-1/2x12-1/2	6.9223	7.7190	8.3022	8.7221
12-1/2x14	8.1096	8.814	9.2242	9.5620
13x13	7.9808	8.899	9.5721	10.0553
13x14	8.8448	9.6899	10.2923	10.7146
13-1/2x14	9.6079	10.6134	11.4705	11.8553
14x14	10.4569	11.6590	12.5423	13.1752
14-1/2x14-1/2	11.9875	13.3671	14.3781	15.1034
15x15	13.8927	15.4942	16.6666	17.5070
15-1/2x15-1/2	15.3491	17.1144	18.4060	19.3386



Razor Wire



HUAGUANG FENCE

- Concertina Wire is mainly used in airport, prison, harbor green field etc. This kind of fence have beautiful shape, various colors, not only have the effect of defending, but also beautifying.



Razor Blade Type and Specification

Reference Number	Blade Style	Thickness (mm)	Wire Dia. (mm)	Blade Length (mm)	Blade Width (mm)	Blade Spacing (mm)
BTO-12		0.5 ± 0.05	2.5 ± 0.1	12 ± 1	15 ± 1	26 ± 1
BTO-15		0.5 ± 0.05	2.5 ± 0.1	15 ± 1	15 ± 1	33 ± 1
BTO-22		0.5 ± 0.05	2.5 ± 0.1	22 ± 1	15 ± 1	34 ± 1
BTO-30		0.5 ± 0.05	2.5 ± 0.1	30 ± 1	18 ± 1	45 ± 1
CBT-25		0.5 ± 0.05	2.5 ± 0.1	25 ± 1	16 ± 1	40 ± 1
CBT-60		0.6 ± 0.05	2.5 ± 0.1	60 ± 2	32 ± 1	100 ± 2
CBT-65		0.6 ± 0.05	2.5 ± 0.1	65 ± 2	21 ± 1	100 ± 2

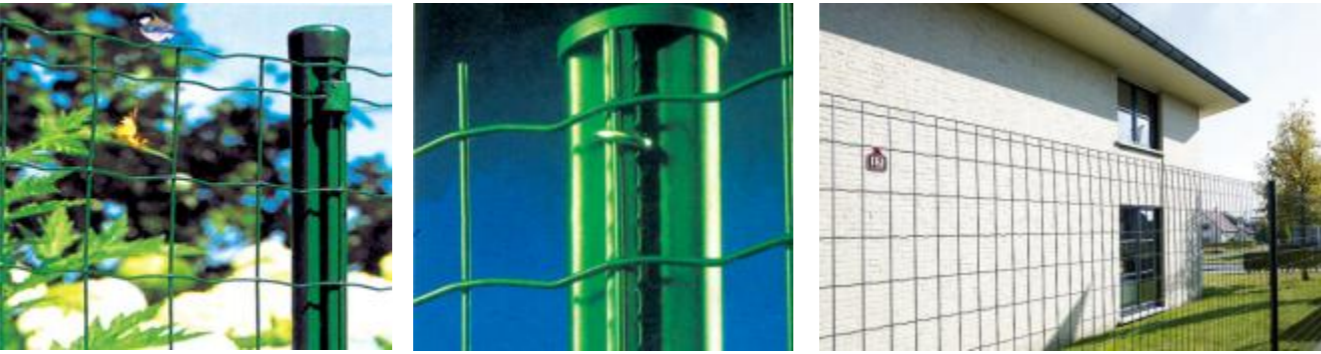


Euro Fence

- Euro fence made of high quality wire, The panels and posts are jointed together with the special plastic clamps or strong stainless steel wire clamps. They are easy to be installed and offer a firm structure for fencing uses.
- Euro fence widely used in highways, airport, residences, gardens, breeding, etc.

Mesh Opening	Wire Diameter (mm)	Length (m)	Width (m)
2"×2"	1.5~3.5	10-50	0.6-2.1
2"×3"	1.5~3.7		
2"×4"	1.5~3.7		

- Note:**
1. The height of the mesh and post are on request.
 2. For the finish coating, we can do electric galvanized and PVC calted, hot dipped galvanized and PVC coated, PVC coated without galvanizing.
 3. The color of the PVC powder is available in all RAL colors.



Chain Link Fencing (Diamond Wire Mesh)

- Uses: Mainly used in sports field, basketball field, park, garden, green field, parking field, architecture, waterways, side slope soil, residence safeguard etc.

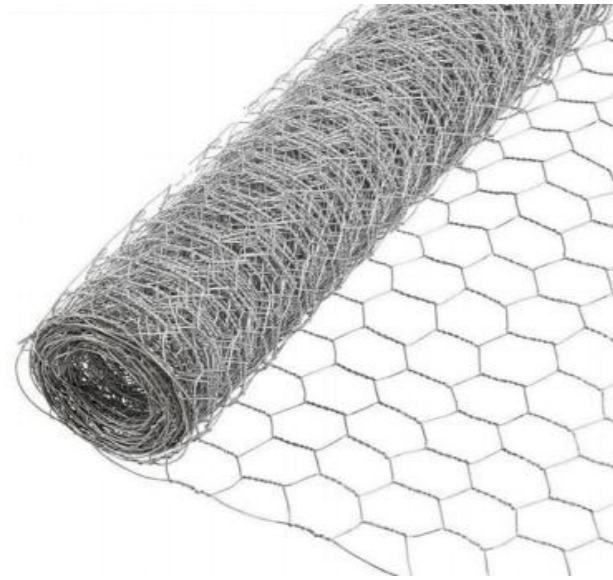
Opening	1" 25mm	1.5" 40mm	2" 50mm	2.25" 55mm	2.4" 60mm	2.5" 65mm	3" 76mm	4" 100mm
Wire diameter	18#-7# 1.20mm-5.00mm							
Roll's Length	1.0m-50m							
Roll's Width	0.5m-5.0m							
Materials and specifications can be made according to customer's specific requirements.								



Hexagonal wire mesh

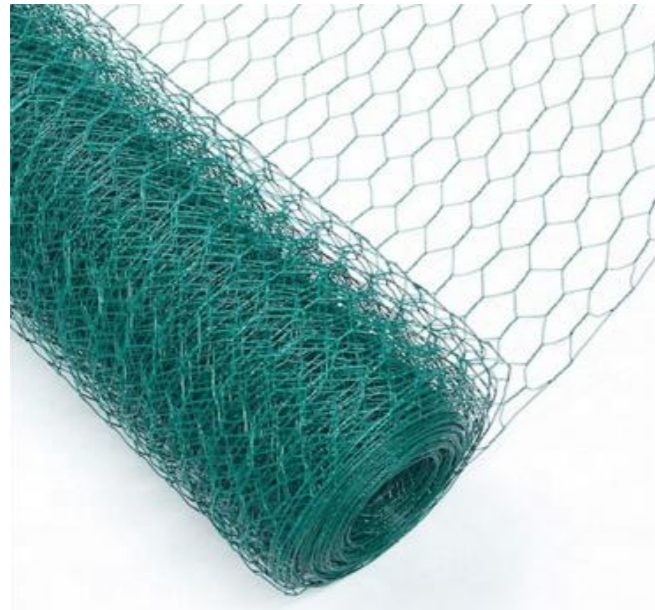


HUAGUANG FENCE



- Hexagonal wire mesh is named because of its hexagonal mesh opening, also known as chicken wire mesh, woven from steel wire or stainless steel wire, and then hot-dip galvanized or PVC dipped, it has good corrosion resistance and **strong woven point structure**, long service life, and is widely used in gardening fences, animal fences etc.

- ▶ Easy to install, can be **easily molded**, bent and cut, well ventilated and high visibility.
- ▶ Compared with other types of fences, hexagonal mesh is an **economical** choice.



Opening Size		Wire Gauge		Width Per Roll	
Inch	mm	BWG	mm	Feet	Meter
3/8"	10	BWG 27-23	0.41-0.64	1'-6'	0.1-2m
1/2"	13	BWG27-22	0.41-0.71	1'-6'	0.1-2m
5/8"	16	BWG 27-22	0.41-0.71	1'-6'	0.1-2m
3/4"	19	BWG 25-19	0.51-1.06	1'-6'	0.1-2m
1"	25	BWG25-18	0.51-1.24	1'-6'	0.1-2m
1 1/4"	31	BWG 24-18	0.56-1.24	1'-6'	0.2-2m
1 1/2"	40	BWG23-16	0.64-1.65	1'-6'	0.2-2m
2"	51	BWG 22-14	0.71-2.11	1-6'	0.2-2m
2 1/2"	65	BWG22-14	0.71-2.11	1-6'	0.2-2m
3"	76	BWG 21-14	0.81-2.11	1'-6'	0.3-2m
4"	100	BWG 20-12	0.89-2.80	1'-6'	0.5-2m

Surface treatment: electric galvanized before weaving, hot-dipped galvanized before weaving, hot-dipped galvanized after weaving, PVC coated. The specifications can be customized according to your special requirements.



Welded Wire Mesh



HUAGUANG FENCE



- Welded wire mesh, known as hardware cloth, is a metal mesh made by welding horizontal and vertical wires together at their intersections.

- There are various types of welded wire mesh such as stainless steel welded wire mesh, galvanized welded wire mesh and PVC coated welded wire mesh, which are corrosion resistant, durable and low cost and are widely used for captive animals, gardening, construction, and fence reinforcement.

(Standard Mesh) In 30m roll, width of 0.5m-1.8m

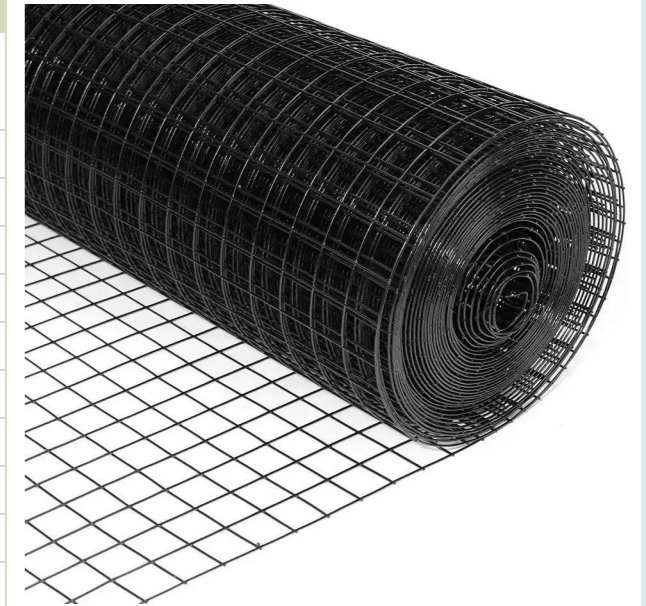
Mesh		Wire Gauge (BWG)
Inch	mm	
1/4"×1/4"	6.4mm×6.4mm	22,23,24
3/8"×3/8"	10.6mm×10.6mm	19,20,21,22
1/2"×1/2"	12.7mm×12.7mm	16,17,18,19,20,21,22,23
5/8"×5/8"	16mm×16mm	18,19,20,21
3/4"×3/4"	19.1mm×19.1mm	16,17,18,19,20,21
1"×1/2"	25.4mm×12.7mm	16,17,18,19,20,21
1-1/2"×1-1/2"	38mm×38mm	14,15,16,17,18,19
1"×2"	25.4mm×50.8mm	14,15,16
2"×2"	50.8mm×50.8mm	22,23,24
1/4"×1/4"	6.4mm×6.4mm	12,13,14,15,16

(Welded Fence Mesh) In 30m roll, width of 0.5m-1.8m

Mesh		Wire Gauge (BWG)
Inch	mm	
2"×3"	50mm×70mm	2.0mm,2.5mm,1.65mm
2"×3"	75mm×75mm	2.67mm,2.41mm,2.11mm,1.83mm,1.65mm
2"×4"	50mm×100mm	2.11mm,2.5mm
2"×4"	100mm×100mm	2.0mm,2.5mm

(PVC Coated Welded Mesh) In 30m roll, width of 0.5m-1.2m

Mesh		Wire Gauge (BWG)
Inch	mm	
1/2"×1/2"	12.7mm×12.7mm	16,17,18,19,20,21
3/4"×3/4"	19mm×19mm	16,17,18,19,20,21
1"×1"	25.4mm×25.4mm	15,16,17,18,19,20



SS Rope Mesh



- Stainless steel rope mesh, also known as SS cable mesh, is made of high quality stainless steel wire rope, which is extremely corrosion and UV resistant and has a long service life in harsh environments.
- SS Rope Mesh widely used in animal fence netting, construction netting, fall protection netting, stair protection netting, parrot cage netting, plant climbing netting, etc.

Product Name	Stainless steel wire rope mesh (SS cable mesh)
Material	Stainless wire 304, 316 or 316L
Wire Diameter	1 mm - 5 m m, the common diameter:1 . 5 mm,20mm, 3.0 m m
Wire Structure	7*7 or 7*19
Opening Hole Size	From 10*10 mm to 300*300 mm Common size: 40*70mm; 50*90mm; 60*104mm; 80*140mm
Woven Type	Ferrule type and Knotted type

Field Fence



- Field fencing is made from high quality hot dipped galvanised wire woven, the special hinged joints to reinforce the intersection of the horizontal and vertical wires, enhancing the impact resistance and resilience of the fence to absorb large impact energy and to spring back to its original shape quickly.
- Field fences are available in a variety of heights and styles and feature graduated spacing, starting with a small opening at the bottom to help keep small animals out.

ITEM	NO. of Horizontal wires	Height	Horizontal wire space (cm)	Vertical wire space	Length
8-90-15	8	90cm	8-10.5-11.5-13-14-15-18	15cm, 20cm, 30cm	50m, 100m
10-107-15	10	107cm	8-8-8-10.5-11.5-13-14-15-19		
8-115-15	8	115cm	11.4-13.1-14-15.2-17.9-20.4-23		
10-120-15	10	120cm	8.9-8.9-10.1-11.4-12.7-14-15.3-17.8-20.3		
11-142-15	11	142cm	8-8-10.5-11.5-13-14-15-19-20-23		
11-150-15	11	150cm	8.9-10.1-11.4-12.7-14-15.3-17.8-20.3-22.9-22.9		
12-165-15	12	165cm	8.9-8.9-10.2-11.4-12.7-14-15.2-17.8-20.3-23.9-22.9		
13-175-15	13	175cm	8-8-8-10.5-11.5-13-14-15-18-20.5-23.5-24.5		
14-200-15	14	200cm	8-8-8-10.5-11.5-13-14-15-18-20.5-23.5-24.5-25.5		

Kont Type: Hinge Joint (Monarch Knot), S Knot (Square Deal Knot), Fixed Knot (Cross Lock knot)
 Note: Wire diameter, height and cross-wire spacing can be customised.



Plastic Mesh

• Plastic mesh, is a new type of fencing material. It has a flat surface, uniform mesh holes and very flat surface, uniform mesh holes. It can replace traditional metal mesh in many applications. It can be used as poultry fencing, farm fencing or as traditional fencing to protect your garden, trees etc.

- Advantage of plastic Mesh
 - Good toughness, no rust, anti-corrosion, anti-UV.
 - Good ventilation and light transmission, very friendly to animals and plants.
 - Light weight, small size, very convenient for storage, transportation and installation.
 - It can be cut into many sizes of plastic mesh to adapt to different usage.

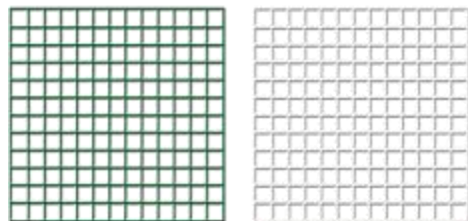
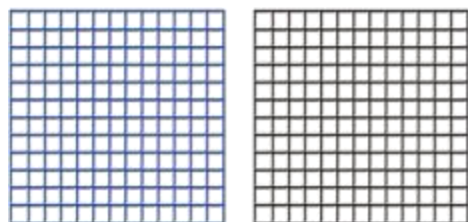
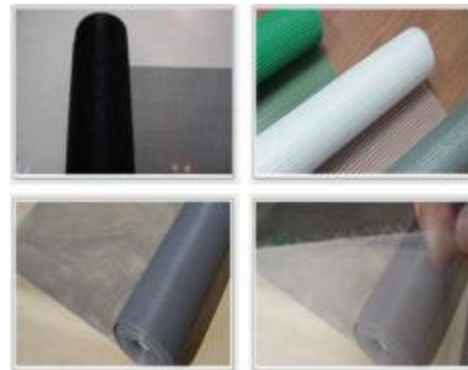


- Specification of plastic Mesh
 - Material: High quality PP, PE
 - Roll Height: 1.0 m, 1.2 m, 1.5 m, 1.8 m, 2.0 m
 - Roll Length: 25 m - 50 m
 - Thickness: 1.9 mm - 4.6 mm
 - Mesh opening Size: 2 cm, 3 cm



Window Screen

- Wire Materials: Mild steel wire, stainless steel wire, Al-mg alloy wire, galvanized iron wire, PVC wire, aluminum wire, chemical fiber.
- General Use: With light weight, good flexibility and easy cleaning, window screen netting is mainly used in hotels, public buildings, civil residences against bugs, insects, etc.



Electro Galvanized Wire Window Screen

Mesh	Gauge(mm)	Size
12×12	0.23, 0.25	W: 2' to 6' L: 50' to 300'
14×14	0.21, 0.23, 0.25	
16×16	0.21, 0.23, 0.25	
18×18	0.19, 0.21, 0.23, 0.25	
22×22	0.17, 0.19, 0.21, 0.23	
24×24	0.17, 0.19, 0.21	

AL-MA Alloy Wire Window Screen

Mesh	Gauge(mm)	Size	Colour
14×14	0.21, 0.23, 0.25	W: 2' to 6' L: 50' to 300'	WHITE
16×16	0.21, 0.23, 0.25		LIGHT- BLUE
18×18	0.19, 0.21, 0.23, 0.25		
20×20	0.19, 0.21		

Stainless Steel Wire Window Screen

Mesh	Gauge(mm)	Size
12×12	0.25, 0.30	W: 2' to 6' L: 50' to 300'
14×14	0.21, 0.23, 0.25	
16×16	0.21, 0.23, 0.25	
18×18	0.19, 0.21, 0.23, 0.25	
20×20	0.17, 0.19, 0.21, 0.23	

Fiberglass Window Screen

Mesh	Gauge(mm)	Colour
14×14	W: 2' to 6' L: 50' to 300'	GREEN(DARK, LIGHT)
14×16		GRAY(DARK, LIGHT)
14×18		BLUE(DARK, LIGHT)
16×16		PURE WHITE
16×18		BLACK

Plastic Window Screen

Mesh	Gauge(mm)	Size	Colour
12×12	0.23, 0.25	W: 2' to 6' L: 50' to 300'	GREEN(DARK, LIGHT)
14×14	0.21, 0.23, 0.25		GRAY(DARK, LIGHT)
16×16	0.21, 0.23, 0.25		BLUE(DARK, LIGHT)
18×18	0.19, 0.21, 0.23, 0.25		PURE WHITE
22×22	0.17, 0.19, 0.21, 0.23		BLACK
24×24	0.17, 0.19, 0.21, 0.23		BROWN

Enamelled Iron Wire Window Screen

Mesh	Gauge(mm)	Colour	Size
10×10	0.23,0.25	BLUE GREEN DARK GREEN	W: 2' to 6' L: 50' to 300'
12×12	0.23,0.25		
14×14	0.21,0.23,0.25		
16×16	0.21,0.23,0.25		
18×18	0.19,0.21,0.23,0.25		
22×22	0.17,0.19,0.21,0.23		
24×24	0.17,0.19,0.21		

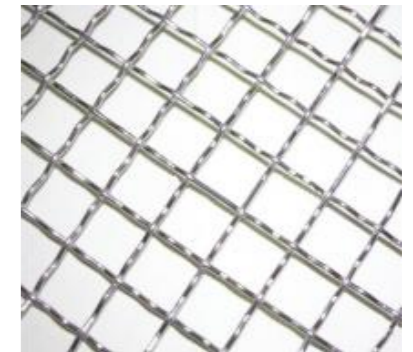
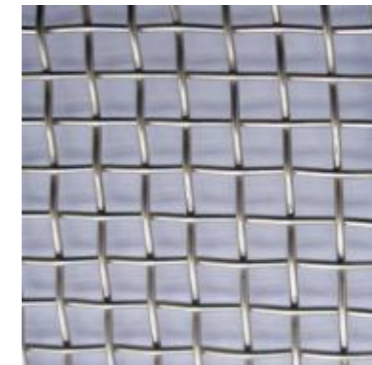
Black wire cloth

- Material: Super quality low carbon steel wire.
- Weaving: Plain or twill woven wire cloth. Can be processed into filter discs of various sizes.
- Specialists in cut to size panels in all shapes including, squares, rectangles and circles in all materials and mesh sizes.
- Uses: Black Wire Cloth is mainly used in filtration of rubber, plastic, petroleum and grains industry.



Galvanized Square Wire Mesh

- Material: low carbon steel wire, galvanized iron wire, stainless steel wire, copper wire, aluminium wire.
- Specification available:
 - Gauge: BWG 15 to BWG 30
 - Mesh: 2 to 14 Width: 2' to 7'
 - Length: 10' to 300'
- Packing: Moistureproof paper or PVC cloth.
- Workmanship: Hot dipped galvanized before or after weaving, Electro galvanized before or after weaving.
- Uses: Black Wire Cloth is mainly used in filtration of rubber, plastic, petroleum and grains industry.



Steel Grating

- Steel Grating is made from mild steel or aluminum formed by a special mechanically press-locked process that eliminates any welding therefore avoiding any weld stress problems that may occur with other designs.



Geogrid Series

HDPE Uniaxial Geogrid



Item	TGDG25	TGDG35	TGDG50	TGDG80	TGDG110	TGDG150	TGDG170	TGDG200
Product width(m)	1.0 2.0 2.5							
Ultimate Tensile Strength(KN/m)	25	35	50	80	110	150	170	200
Ultimate Yield Elongation(%)	15							
Yield strength at 2% Elongation(KN/m)	9	10	12	20	32	48	64	85
Yield strength at 5% Elongation(KN/m)	17	20	28	48	64	90	120	145

steel - plastic Composite Geogrid

Item	TGSG15-15	TGSG20-20	TGSG30-30	TGSG40-40	TGSG45-45	TGSG50-50
Mass per Unit Area (g/m2)	300+/-30	330+/-30	400+/-40	500+/-50	550+/-50	600+/-50
width (m)	1m-6m					
Tensile Yield Force (KN/m) (MD)	15	20	30	40	45	50
Tensile Yield Force (KN/m) (CD)	15	20	30	40	45	50
(MD) Yield Elongation(% ≤)	16					
(CD) Yield Elongation(% ≤)	13					
Yield strength at 2% Elongation(KN/m) ≥ (MD)	5	8	11	13	16	19
Yield strength at 5% Elongation(KN/m) ≥ (CD)	7	10	13	15	20	24
Yield strength at 2% Elongation(KN/m) ≥ (MD)	8	10	15	16	25	27
Yield strength at 5% Elongation(KN/m) ≥ (CD)	10	13	15	20	22	23



PP Biaxial Geogrid



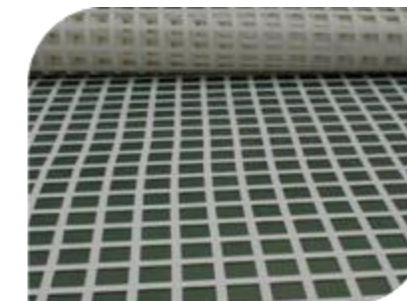
Item	TGSG15-15	TGSG20-20	TGSG30-30	TGSG40-40	TGSG45-45
Weight (g/m2)	300+/-30	330+/-30	400+/-40	500+/-50	550+/-50
Product width (m)	3.95 5.95				
Ultimate Tensile Strength(KN/m)	15	20	30	40	45
Ultimate Yield Elongation(%)	15				
Yield strength at 2% Elongation(KN/m)	5	7	10.5	14	17.5
Yield strength at 5% Elongation(KN/m)	7	14	21	28	35

F iberglass Geogrid



Item	EGA30-30	EGA50-50	EGA80-80	EGA100-100	EGA120-120	
Grid (mm)	30 50 80 100 120					
Break Strength ≥ (KN/m)	Vertical	30	50	80	100	120
	Horizontal	30	50	80	100	120
Break Elongation ≤ (%)	Vertical	3				
	Horizontal	3				
GPA	67					
Temperature Tolerance (°C)	-100 ~ 280					

Mining Grid



Item	PET40	PET50	PET60	PET100	PET200	PET400	PET600	PET800	PET1000	PET1200
Mesh Size (mm)	100*100	50*50	60*60	50*50	30*30	53*40	46*33	40*30	40*25	40*25
Tensile Strength ≥ (KN/m)	Vertical	40	50	60	100	200	400	600	800	1000
	Horizontal	40	50	60	100	200	400	600	800	1000
Yield Elongation ≤ (%)	13									
Width (m)	0.5-4									
Length (m)	50-400									



Galvanized Wire



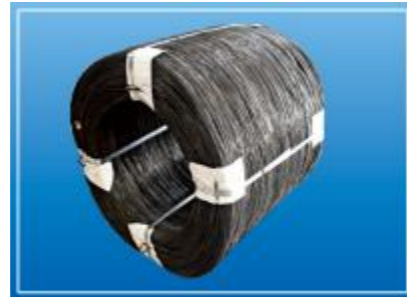
U Type Wire



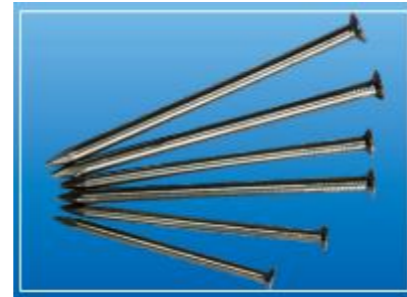
Straight cut iron wire



Loop tie Wires



Black Annealed Wire



Common nails



Stainless steel wire



PVC coated iron wire

COLOURS



- Colours to choose from when plastic dipping or powder coating, other colours are also available.

Galvanized Iron Wire

Specification	0.5mm-6.0mm
Tensile Strength	300-550N/mm ²
Elongation Rate	10%-25%
Weight/Coil	0.1kg-800kg/coil
Packing	plastic film inside and pvc weaving bag outside plastic film inside and hessian cloth outside

PVC Coated Iron Wire

Core Diameter	Outside Diameter
1.0mm-3.5mm	1.4mm-4.0mm
BWG.11-20	BWG.8-17
SWG.11-20	SWG.8-17
Note: PVC Coating: 0.4mm-0.6mm	
Tensile strength: 30-55kg/mm ²	
Packing: lined with PVC strips and wrapped with PVC or hessian cloth	