

WIRE MESH & WIRE SPECIALIST

ANPING AORUN
WIRE MESH PRODUCTS
CO., LTD

ABOUT US

Since 1993, Anping Aorun has been in the ever-growing business of representing the fields of wire mesh products. Now we have 5 plants, engaged in producing Expanded Wire Mesh & Wire Mesh Fence & Barbed Wire, Hexagonal Gabion Boxes, Stainless Steel Wire Mesh, and Welded Wire Mesh etc. Our factory is in Anping County of Hebei Province which has 100 employees and covers an area of over 5000 square meters, with production workshop about 2000 square meters.

We offer complete items including:

>>>> Main Products:

- *Stainless Steel Wire Mesh Series:*
 - ✚ *Stainless Steel Wire Mesh*
- *Welded Wire Mesh Series:*
 - ✚ *Stainless Steel Welded Wire Mesh*
 - ✚ *PVC Welded Wire Mesh*
 - ✚ *GI Welded Wire Mesh*
 - ✚ *Hot-dip Welded Wire Mesh*
- *Wire Mesh Fencing Series:*
 - ✚ *Security Fence*
 - ✚ *Euro Wire Mesh Fence*
 - ✚ *Temporary Fence Panels System*
 - ✚ *Chain-link Wire Mesh Fence*
 - ✚ *Barbed Wire & Razor Barbed Wire*
 - ✚ *Cattle Fencing*
 - ✚ *Protecting Fence*
- *Wire Series:*
 - ✚ *Black Annealed Wire*
 - ✚ *Stainless Steel Wire*
 - ✚ *GI Wire & Hot-dip Wire*
 - ✚ *PVC Coated Iron Wire*
 - ✚ *“U” Type Wire & Loop Wire & Cut Wire*
- *Hexagonal Gabion Box Series:*
 - ✚ *Hexagonal Wire Mesh*
 - ✚ *Gabion Box*
- *Expanded Metal Mesh Series:*
 - ✚ *Aluminum Plate Expanded Metal Mesh*
 - ✚ *Stainless Steel Expanded Metal Mesh*
 - ✚ *Iron Plate Expanded Metal Mesh*
 - ✚ *Copper Plate Expanded Metal Mesh*

>>>> Other Products:

- *Brass Wire & Brass Wire Mesh Series*
- *Black Wire Cloth Series*
- *Window Screen Series*
- *Crimped Wire Mesh Series*
- *Conveyor Belt Mesh*
- *Perforated Plate Mesh*
- *Barbecue Mesh*
- *Filter Mesh Packs*

Since 2005, we have brought 8 sets of advanced production lines from domestic and abroad, leading production capacity further enhanced. The yearly output of each item of wire mesh products is more than 1000 million square meters. The products have been certified by ISO 9001: 2000 which ensures and boasts of a product quality which rubs shoulders with the best in the world.

We don't simply offer outstanding products, but also competitive prices and excellent services, not only in China, but throughout the world especially Southeast Asia, South Africa and Eastern European countries.

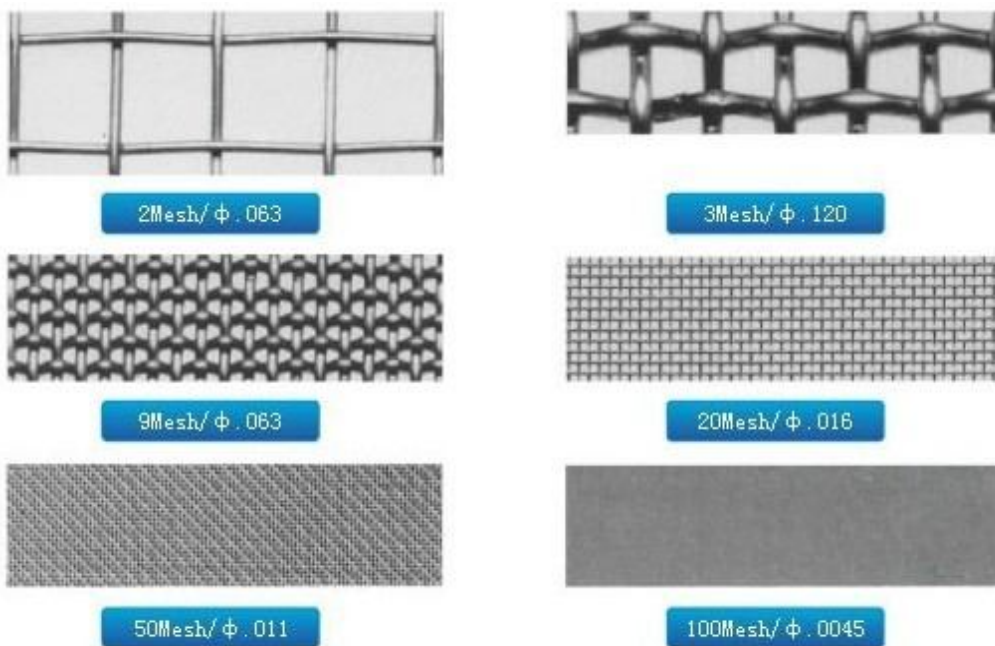
Stainless Steel Wire Mesh Series:

>> Product Brief

Anping Aorun Wire Mesh Products Co., Ltd. produces Stainless Steel Wire Mesh from first class stainless steel wire materials in SUS302, 304, 316, 304L, 316L and 430 etc.

Typical Weaving Patterns for Stainless Steel Wire Mesh: Plain weave, twill weave, dutch weave.

General Use: Stainless steel wire mesh, with its excellent resistance against acid, alkali, heat and corrosion, find extensive uses in processing of oils, chemicals, food, pharmaceuticals, also sorting and screening of solid, liquid and gas in mine, metallurgy, airspace, machine making, etc.



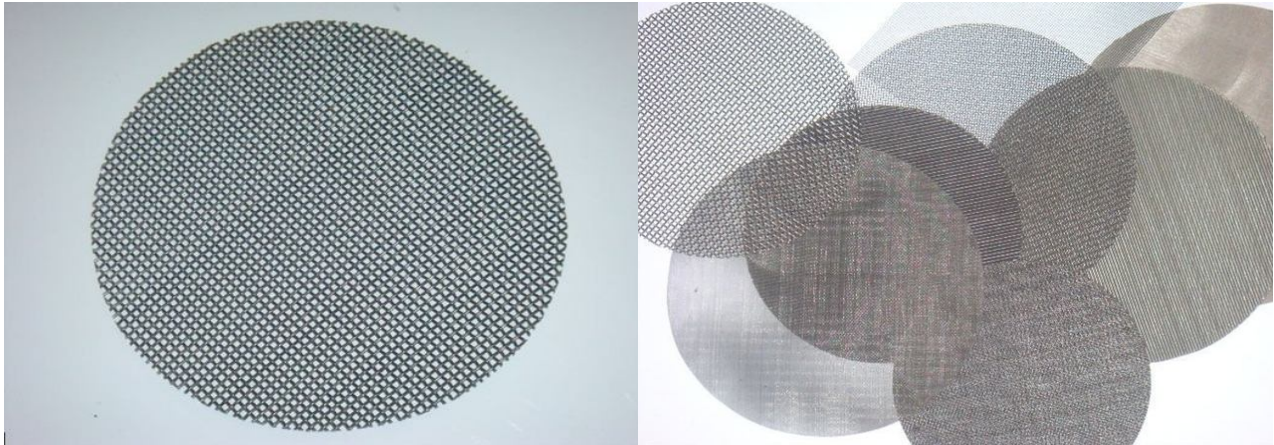
>> Product Specification

Specification List of Stainless Steel Woven Wire Mesh:

Mesh/Inch	Wire Diameter		Aperture		Open Area	Weight(LB) /100 Square Foot
	Inch	MM	Inch	MM		
1x1	.080	2.03	.920	23.37	84.6	41.1
2X2	.063	1.60	.437	11.10	76.4	51.2
3X3	.054	1.37	.279	7.09	70.1	56.7
4X4	.063	1.60	.187	4.75	56.0	104.8
4X4	.047	1.19	.203	5.16	65.9	57.6
5X5	.041	1.04	.159	4.04	63.2	54.9
6X6	.035	.89	.132	3.35	62.7	48.1

8X8	.028	.71	.097	2.46	60.2	41.1
10X10	.025	.64	.075	1.91	56.3	41.2
10X10	.020	.51	.080	2.03	64.0	26.1
12X12	.023	.584	.060	1.52	51.8	42.2
12X12	.020	.508	.063	1.60	57.2	31.6
14X14	.023	.584	.048	1.22	45.2	49.8
14X14	.020	.508	.051	1.30	51.0	37.2
16X16	.018	.457	.0445	1.13	50.7	34.5
18X18	.017	.432	.0386	.98	48.3	34.8
20X20	.020	.508	.0300	.76	36.0	55.2
20X20	.016	.406	.0340	.86	46.2	34.4
24X24	.014	.356	.0277	.70	44.2	31.8
30X30	.013	.330	.0203	.52	37.1	34.8
30X30	.012	.305	.0213	.54	40.8	29.4
30X30	.009	.229	.0243	.62	53.1	16.1
35X35	.011	.279	.0176	.45	37.9	29.0
40X40	.010	.254	.0150	.38	36.0	27.6
50X50	.009	.229	.0110	.28	30.3	28.4
50X50	.008	.203	.0120	.31	36.0	22.1
60X60	.0075	.191	.0092	.23	30.5	23.7
60X60	.007	.178	.0097	.25	33.9	20.4
70X70	.0065	.165	.0078	.20	29.8	20.8
80X80	.0065	.165	.0060	.15	23.0	23.2
80X80	.0055	.140	.0070	.18	31.4	16.9
90X90	.005	.127	.0061	.16	30.1	15.8
100X100	.0045	.114	.0055	.14	30.3	14.2
100X100	.004	.102	.0060	.15	36.0	11.0
100X100	.0035	.089	.0065	.17	42.3	8.3
110X110	.0040	.1016	.0051	.1295	30.7	12.4
120X120	.0037	.0940	.0064	.1168	30.7	11.6
150X150	.0026	.0660	.0041	.1041	37.4	7.1
160X160	.0025	.0635	.0038	.0965	36.4	5.94
180X180	.0023	.0584	.0033	.0838	34.7	6.7
200X200	.0021	.0533	.0029	.0737	33.6	6.2
250X250	.0016	.0406	.0024	.0610	36.0	4.4
270X270	.0016	.0406	.0021	.0533	32.2	4.7
300X300	.0051	.0381	.0018	.0457	29.7	3.04
325X325	.0014	.0356	.0017	.0432	30.0	4.40
400X400	.0010	.0254	.0015	.370	36.0	3.3
500X500	.0010	.0254	.0010	.0254	25.0	3.8
635X635	.0008	.0203	.0008	.0203	25.0	2.63

Roll width: 2'-8'



>> Sizes of Stainless Steel Wire:

Wire Diameter(mm)	Tolerance(mm)	Max. Deviation Tolerance(mm)	Wire Diameter(mm)	Tolerance(mm)
0.020-0.049	+0.002 -0.001	0.001	0.020-0.049	+0.002 -0.001
0.050-0.074	0.002	0.002	0.050-0.074	0.002
0.075-0.089	0.002	0.002	0.075-0.089	0.002
0.090-0.109	+0.003 -0.002	0.002	0.090-0.109	+0.003 -0.002
0.110-0.169	0.003	0.003	0.110-0.169	0.003
0.170-0.184	0.004	0.004	0.170-0.184	0.004
0.185-0.199	0.004	0.004	0.185-0.199	0.004
0.200-0.299	0.005	0.005	0.200-0.299	0.005
0.300-0.310	0.006	0.006	0.300-0.310	0.006
0.320-0.499	0.006	0.006	0.320-0.499	0.006

>> Chemical composition

Chemical composition of stainless steel wire:

AISI Grade	Chemical Composition (%)							
	C	Si	Mn	P	S	Ni	Cr	Mo
304	=0.08	=1.00	=2.00	=0.045	=0.030	8.00~10.50	18.00~20.00	-
304H	>0.08	=1.00	=2.00	=0.045	=0.030	8.00~10.50	18.00~20.00	-
304L	=0.030	=1.00	=2.00	=0.045	=0.030	9.00~13.50	18.00~20.00	-
316	=0.045	=1.00	=2.00	=0.045	=0.030	10.00~14.00	10.00~18.00	2.00~3.00
316L	=0.030	=1.00	=2.00	=0.045	=0.030	12.00~15.00	16.00~18.00	2.00~3.00
430	=0.12	=0.75	=1.00	=0.040	=0.030	=0.60	16.00~18.00	-
430A	=0.06	=0.50	=0.50	=0.030	=0.50	=0.25	14.00~17.00	-

➤ **Welded Wire Mesh Series:**

Anping Aorun Wire Mesh Products Co., Ltd can supply welded wire mesh in rolls or flat panels, as fencing wire mesh or for constructional wire mesh in buildings and constructions and other applications. Welded wire mesh can be processed into containers, cages, screens for different uses.

>> **Assortments available:**

1. Stainless Steel Welded Wire Mesh
2. Galvanized Welded Wire Mesh
3. Hot-dipped Galvanized Welded Wire Mesh
4. PVC coated Welded Wire Mesh
5. Painting Welded Wire Mesh
6. Welded Wire Mesh Panel
7. Welded Wire Mesh Fence



>> **Packaging & Delivery**

Packaging Detail: water-proof paper or Plastic film, pallets, or according to customers' request.
 Delivery Detail within 20 days.

>> **Product Specification**

specification List of Welded Wire Mesh:		
Opening		Wire Diameter<BWG>
In inch	In metric unit(mm)	
1/4" x 1/4"	6.4mm x 6.4mm	22,23,24
3/8" x 3/8"	10.6mm x 10.6mm	19,20,21,22
1/2" x 1/2"	12.7mm x 12.7mm	16,17,18,19,20,21,22,23
5/8" x 5/8"	16mm x 16mm	18,19,20,21,
3/4" x 3/4"	19.1mm x 19.1mm	16,17,18,19,20,21
1" x 1/2"	25.4mm x 12.7mm	16,17,18,19,20,21
1-1/2" x 1-1/2"	38mm x 38mm	14,15,16,17,18,19
1" x 2"	25.4mm x 50.8mm	14,15,16
2" x 2"	50.8mm x 50.8mm	12,13,14,15,16

Technical Note:

1. Standard roll length: 30m; width: 0.5m to 1.8m
2. Special sizes available at request
3. Packing: in waterproof paper in rolls.



Galvanized Fencing Mesh:

Opening		Wire Diameter<BWG>
In inch	In metric unit(mm)	
2" x 3"	50mm x 75mm	2.0mm,2.5mm,1.65mm
3" x 3"	75mm x 756mm	2.67mm,2.41mm,2.11mm,1.83mm,1.65mm
2" x 4"	50mm x 100mm	2.11mm,2.5mm
4" x 4"	100mm x 100mm	2.0mm,2.5mm

Technical Note:

1. Standard roll length: 30m; width: 0.5m to 1.8m
2. Special sizes available at request
3. Packing: in waterproof paper in rolls. Custom packing available at request.



PVC Coated Welded Mesh:

Opening		Wire Diameter<BWG>
In inch	In metric unit(mm)	
1/2" x 1/2"	12.7mm x 12.7mm	16,17,18,19,20,21
3/4" x 3/4"	19mm x 19mm	16,17,18,19,20,21
1" x 1"	25.4mm x 25.4mm	15,16,17,18,19,20

➤ **Wire Mesh Fencing Series:**

✚ **Security Fence**

>> **Panel:**

Using high quality Iron Rod as raw material, the welded panel, after galvanization, Powders Primer, and Powders top coating; it can resist the corrosive and ultraviolet radiation very strongly. The thickness of powder coating is 100-120 microns usually. The choose wire diameters are 6MM x 2+5MM x 1.8MM x 2+6MM x 1. It obtains high strong powers to resist the construction.

Fence size: 200 mm x 50 mm x 2.5 Meters x from 630mm - 2630mm or available on request.



>> **Post:**

This system usually choose Square Post (50 x 50mm, 60 x 60mm), Rectangular Post (80 x 60 x 2.5mm, 120 x 60 x 3mm) with the high strength and so on. With plastic caps or Roofing rain hat. The finished surface usually is Galvanized and Powder coating, or alternatively.

Fastenings:

The panels and posts are jointed together with bolts or rivets, using the steel flat bar, or special steel clamps, all nuts are self-locking. This also can be designed as the special clients' requests.



>> **Application:**

Boundary and anti intruder

Stand and finish:

Galvanized / Polyester coated green

Welded wire fencing is also known as welded wire mesh fences, welded fences or welded fencing.

Welded Wire Fencing

we offer light welded wire mesh for fences of various industrial uses.

Welded wire fencings are supplied in zinc-plated and plastic coated welded wire mesh.

Electro galvanized welded wire fencing;

Hot dipped galvanized welded wire fencing;

Plastic coated welded wire fencing;

Stainless steel welded wire fencing.

Color of Welded wire Fencing: Galvanized, or green, or white, etc.

Welded wire fencing is made of superior quality welded mesh, with flat even surface, firm structure; it can be used extensively in building, agriculture and so on.

We supply welded wire fencings with a variety of mesh opening,

wire diameter, surface treatment, fence length and width. Write to us if you have any specific requirements.



WIRE DIAMETER	MESH
3-6mm	50mm x 50mm
3-6mm	100mm x 100mm
3-6mm	75mm x 150mm
3-6mm	60mm x 150mm
3-6mm	50mm x 100mm
3-6mm	50mm x 150mm
3-6mm	50mm x 200mm
3-6mm	100mm x 150mm
3-6mm	100mmx200mm

Sizes of Welded wire Fencing: Can be customized.

We also offer zinc coated steel fence posts together with welded wire mesh fabrics. Fence posts can be 100cm, 125cm, 150cm, 175cm and other heights.

Euro Wire Mesh Fence

>> Material:

Low carbon steel wire, PVC coated wire

>> Processing:

PVC coated after welding of steel wire. Electro galvanizing, hot-dip galvanizing or PVC coating can be done separately. It can resist the corrosive and ultraviolet radiation very strongly.

>> Application:

Euro fence is used as fencing, decoration or protection for various facilities in industry, agriculture, infrastructure, transport, etc.

>> Property:

Good corrosion resistance, anti-aging, nice appearance, the panels and posts are jointed together with the special plastic clamp or height strength stainless steel wire clamp. They are easy to be installed, and very firm.

>> Specification:



WIRE DIAMETER	MESH	
	Inch	MM
2.5mm/3.0mm	4" x 4"	101.6mm x 101.6mm
2.5mm/3.0mm	4" x 3"	101.6mm x 50.8mm
2.0mm/2.5mm	4" X 2"	101.6mm x 50.8mm
1.9mm/2.4mm	3" X 2"	75mm x 50.8mm
1.9mm/2.4mm	2" X 2"	50.8mm x 50.8mm
1.9mm/2.4mm	2" X 1"	50.8mm x 25.4mm

🚧 Welded Wire Fencing

>> Normal Specification:

1. Welded Wire Mesh Fence
2. Opening: 50*200mm, 50*100mm, 50*150mm
3. Wire diameter: 3-8mm square post: 5cm

>> Wire Mesh Fence Introduction:

1. Material: low carbon steel wire, Al-Mg alloy wire
2. Process: weaving and welding, Fence length 2m, 2.5m as standard
3. Use: Prevention for road, railway, airport, residence district, seaport, garden, feeding and husbandry
4. Sample: available



>> Specification Sheet:

Net height (cm)	Wire gauge	Wire diameter (mm)	Aperture (cm)	Fixed pole Weight kg/set	Length (2m)	Length (2.5m)
					Weight kg/piece	
60	10#/8#	3.24	5*12	1.9	6.5	8.6
80	10#/8#	3.24	5*12	2.3	7.5	9.9
100	10#/8#	3.24	5*12	2.7	8.5	11.2
120	10#/8#	3.24	5*12	3.1	9	11.9
150	10#/8#	3.24	5*12	3.7	11	14.5
180	10#/8#	3.24	5*12	4.3	12.5	16.5
200	10#/8#	3.24	5*12	4.7	13.5	17.8

🚧 Temporary fence panels system:

Temporary Fencing for Security, Construction, or Crowd Control Attractive and Sturdy Barricade Fence Panels

- Easy to handle; Simple, one-person installation; transport
- Inside diameter weld ensures no edges to get hung up while loading, unloading, handling
- Extensions are attached to the panels using the same panel clamps that are used to attach panels to each other on the side

>> Suggest Specification:

Panel Size:	2300mm(L) x 2100mm(H)
Frame:	32mm O.D. etc
Infill Mesh:	3.5mm horizontal, 3.5mm vertical 50mm x 50mm spacing etc
Finish:	Hot Dipped Galvanized before welding ,Galvanized after welding, PVC coating

>> Plastic or Metal Temporary fence Feet

With high quality, heavy duties, long life which will make your Temporary Fence look great and be safer with these high visibility colored feet. They are easier to see which makes them safer as they are less likely to be a tripping hazard for the public.



>> Temporary Fence Clamp (With bolt)

used to connect panels to each other and to connect no climb extension panels 3mm thickness or mould according to the clients' requirements.

✚ Chain-Link Wire Mesh Fence



Also called chain link mesh, chain link fence, cyclone Mesh

- Material: Galvanized steel wire, PVC coated steel wire.
- Advantage: woven diamond pattern provides strong, durable and flexible construction.
- The closely spaced diamond netting construction gives your fence linear strength and springy texture to protect horses from injury and prevent predators from entering paddocks and pastures.

>> Electro Galvanized Wire Mesh & Hot-dip Chain Link Fence:



■ **STANDARD SPECIFICATION**



Galvanized Chain Link Fence Specifications			
	13-12 Gauge(2.4mm-2.7mm)	12-11 1/2 Gauge(2.7-2.9mm)	11 Gauge(3mm)
APPLICATIONS	Economy	Standard Residential	Light Commercial
MESH SIZE	2 3/8"(60mm)	2"(50mm), 2 3/8"(60mm), 1 1/4"(30mm)	2"(50mm)
COATING	Galvanized before weaving	Galvanized before weaving	200g/m2
HEIGHTS	36"-157"(0.9m-4m)		
SELVAGE	Knuckle & Knuckle; Barbed & Barbed; Knuckle & Barbed(Wire Diameter<=2.5mm)		
STANDARD ROLL	50ft(15m) per roll		
MEETS OF EXCEEDS	---	ASTM-A-392	ASTM-A-392
IDEAL USES	Light residential fence. Temporary construction fence	Residential fence, Kennel fence, Swimming Pool Fence	Tennis Courts, airport fence, field fence, prison fence, security fence

>> **PVC Coated Chain Link Fence:**



PVC Coated fabric	11Gauge (2.0/3.0mm)	9 Gauge (2.7/3.7mm)	8 1/2Gauge(3.0/4.0mm)
MESH SIZE	1 1/4"	2"	2"(50mm), 2 3/8"(60mm)
COATING THICKNESS	0.5mm	0.5mm	0.5mm
HEIGHTS	36"-157"(0.9m-4m)		
SELVAGE	Knuckle & Knuckle; Barbed & Barbed; Knuckle & Barbed(Wire Diameters≤2.5mm)		
STANDARD ROLL	50ft(15m) per roll		
COLORS	Green, Black, White, Grey, and etc.		
IDEAL USES	Swimming Pools	Resident, Light Commercial, Swimming Pools, Tennis Courts, Kennels	Tennis Courts, field , security fence

>> Chain Link Gate

Chain link fence panel: 2"(50mm) hole size, BWG 12 (2.7mm) galvanized wire, knuckled edge.

Round pipe frames: galvanized

Fittings are galvanized also, included are tension bars, clamps, hinges, latch, and drop rods (for double gates).

Gate height: 4'-8' (1.2m-2.4m)

Gate width: 3'-12' (0.9m-3.66m)

Customize available



You can add a center horizontal brace or vertical brace to the gate.

Gates are approximately 2"(50mm) shorter than height indicated to allow space under bottom. Gates are approximately 3-3/4" narrower than width indicated to allow for hardware. Use two leaves to make a double swing gate of the desired width. Barb wire extensions may be added.



✚ Barbed Wire & Razor Barbed Wire

>> Barbed Wire



We supply galvanized barbed iron wire in IOWA type, with 2 strands, 4 points. Barbs' distance 3-6 inches (Tolerance +- 1/2").Galvanized Barbed Iron Wire offered by us is suitable for industry, agriculture, animal husbandry, dwelling house, plantation or fencing.

Type	Wire Gauge (SWG)		Barb Distance (cm)	Barb Length (cm)
Electric Galvanized Barbed Wire; Hot-dip galvanized barbed wire	10# x 12#		7.5-15	1.5-3
	12# x 12#			
	12# x 14#			
	14# x 14#			
	14# x 16#			
	16# x 16#			
PVC coated barbed wire; PE barbed wire	before coating	after coating	7.5-15	1.5-3
	1.0mm-3.5mm	1.4mm-4.0mm		
	BWG11#-20#	BWG8#-17#		
	SWG11#-20#	SWG8#-17#		
	PVC PE coating thickness: 0.4mm-0.6mm; different colors or length are available at customers request.			

>> Razor Barbed Wire






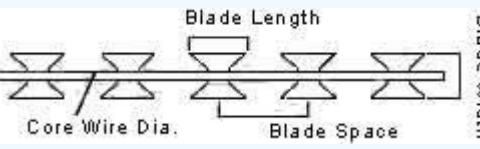
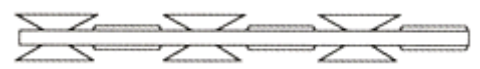
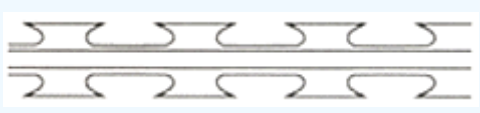

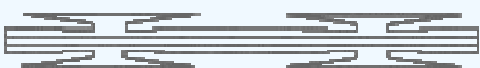
Material applied for razor type barbed wire and barbed tape wire: Galvanized razor wire or stainless steel razor

coils.

Razor wire can be installed in the form of barbed tape wire or concertina coil to walls or fencings.

Razor size and coil size are listed as follows.

>> **Specification Sheet - 1:**

Blade Specification	Blade Forms	Blade Thickness	Core Wire Dia.	Blade Length	Blade Width	Blade Space
BTO-10		0.5±0.05	2.5±0.1	10±1	13±1	26±1
BTO-12		0.5±0.05	2.5±0.1	12±1	15±1	26±1
BTO-18		0.5±0.05	2.5±0.1	18±1	15±1	33±1
BTO-22		0.5±0.05	2.5±0.1	22±1	15±1	34±1
BTO-28		0.5±0.05	2.5	28	15	45±1
BTO-30		0.5±0.05	2.5	30	18	45±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

>> **Specification Sheet - 2:**

Ex. Dia.	No. of Turns	Standard Covering Length	Production Model	Remarks
450mm	33	8M	CBT-65	Single coil
500mm	41	10M	CBT-65	Single coil
700mm	41	10M	CBT-65	Single coil
960mm	53	13M	CBT-65	Single coil
500mm	102	16M	BTO-12.18.22	Cross type
600mm	86	14M	BTO-12.18.22	Cross type
700mm	72	12M	BTO-12.18.22	Cross type
800mm	64	10M	BTO-12.18.22	Cross type
960mm	52	9M	BTO-12.18.22	Cross type

Cattle Field Fence

>> Description:

Filed Fence also named Grassland Fence, widely used in America and Europe, is mainly to preserve the ecological environment and prevent massif from landslide. Animal husbandry fence is developing quickly because of its unique function.

>> Material:

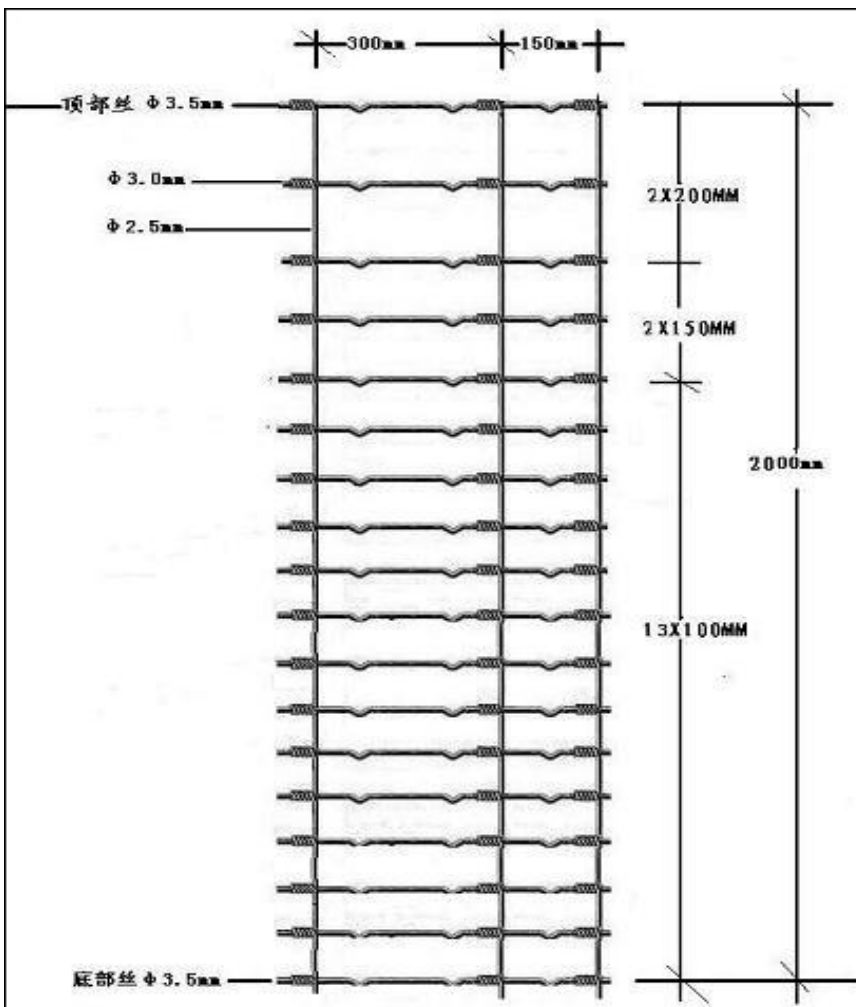
It is made of high-quality carbon steel wire and stainless steel wire through by our automatic machines. We can supply products made of cold galvanized and hot-dipped galvanized materials. Specifications can be made by clients' requirements.

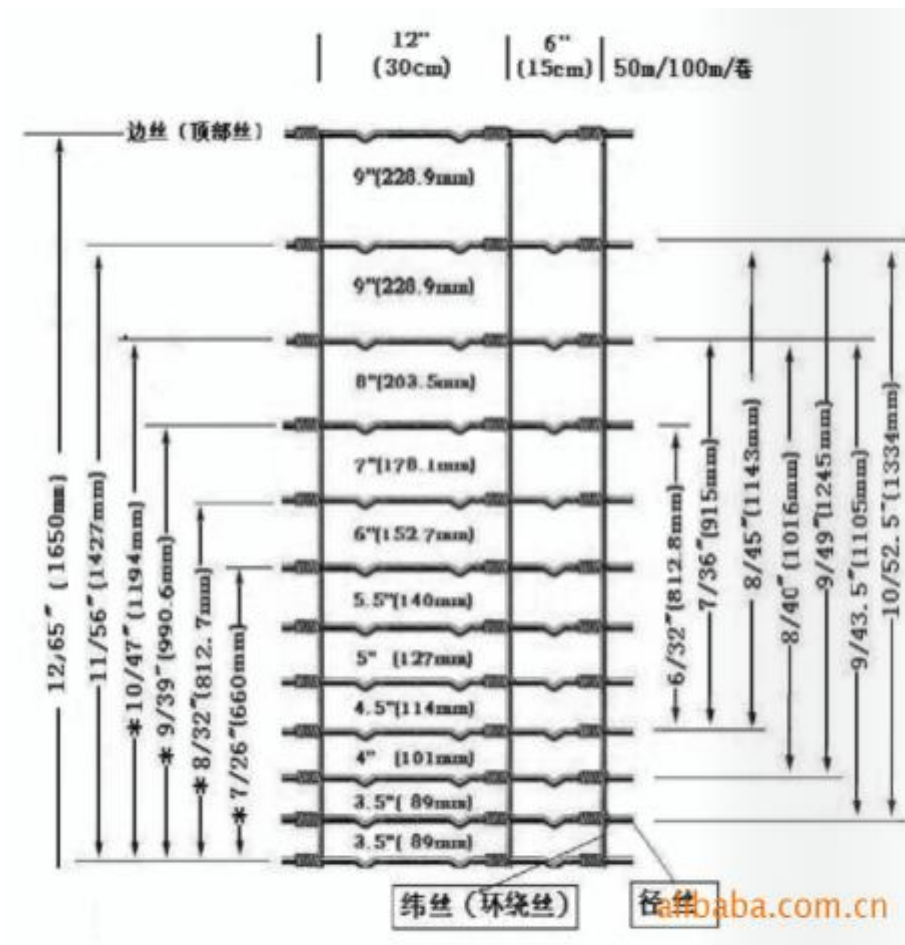
>> Features of products:

Flat mesh surface, firm and precise structure, well-distributed mesh, strong integration, etc. Even if part of the wire mesh is cut or pressed, it will not loosen. Grassland fence is corrosion resistant.



>> The standard specification of cattle fence as follows: American Standard & EU Standard





>> Installation Drawing

The fixed way of the field fence: T Post fixed, Y Post fixed, timber pile fixed, Cement Post fixed.

T Post T-pimple Post

The types of T-fence posts: 1.5 feet * 1.25 pounds/1.33 pounds, 2.6 feet * 1.25 pounds/1.33 pounds, 3.7 feet * 1.25 pounds/1.33 pounds, 4.8 feet * 1.25 pounds/1.33 pounds. It is suitable for cattle fence, surface whit paint or galvanized.

>> Features:

1. Compared to the ordinary steel, its mechanical properties and the physical properties increase more than 30%.
2. A beautiful appearance, easy to use, cheap price.
3. It is directly into the soil with piling device, not hurt the vegetation, can be recycled after a few years. Comply with the state's environmental protection requirement, it is environmental protection product.

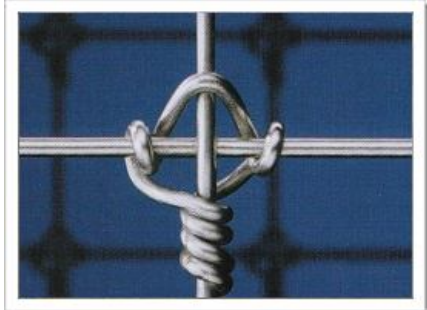
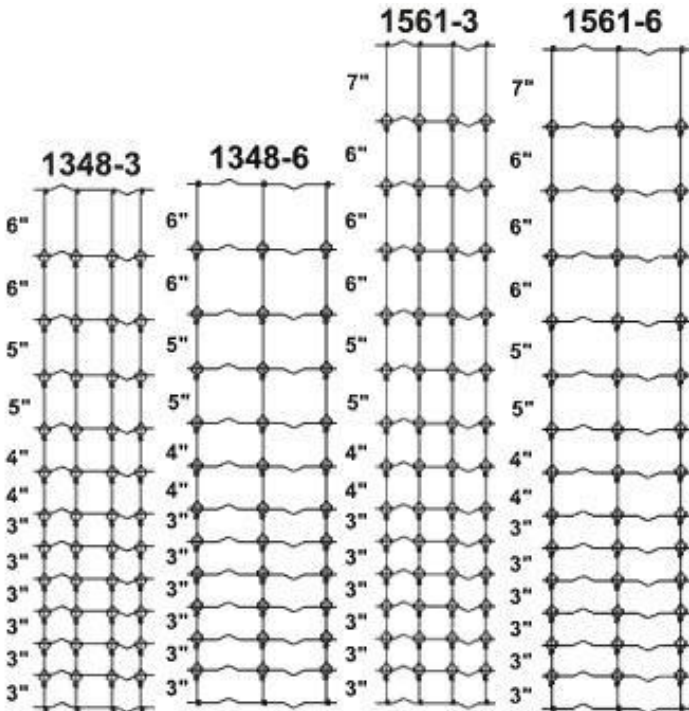


4. Security performance is good, because it is a kind of special products, no other purposes, so cannot be stolen easily.

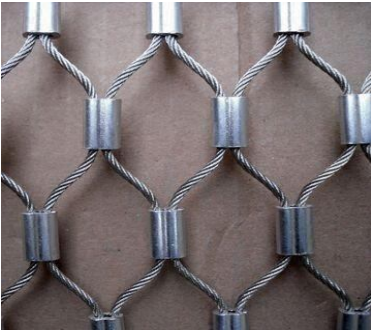
5. It is upgrade substitute of ordinary angle steel, cement products pillar and wood products pillar in the recent world.

>> Deer Fence

Deer fence is being new developed by our company.



SNS (Safety Netting System)



SNS (safety netting system) can be divided into active protection system and passive protection system. Made of steel wire ropes as major components, the covering protection type is called active system while the holding protection type so called passive system. So SNS has two basic types of flexible security system technology and products to prevent geological disasters of various slopes and avalanche slope, bank erosion, blasting stone fly, falling objects and other hazards.

>> SNS passive protecting net

SNS passive protecting net

Flexible high-strength steel wire netting (diamond-shaped steel wire mesh, ring mesh, high-strength steel wire grid) as a major component of protection system is against the rock slope collapsed, dropped, such as fly rock blasting. With the technology development and application, improving the usage of construction technology, standard modular operation, Slope Stabilization Mesh System has been applied in the geological disasters on the large scale.



Slope Stabilization Mesh System is designed by the latest international standard of rock slope protection system. Compared with traditional construction methods, the system has overcome many rigid construction defects, and is shorten the duration and cost of construction. The whole system is composed of high-strength steel wire, bolt and other installation components.

>> SNS active protecting net

SNS (safety netting system) active protection is an open system to reinforce slopes. Considering its merits-easy to install, high efficiency, low cost and artistic effect on slopes, it has been widely used in many fields of domestic industries, such as hydropower station, civil transportation and mining engineering. The SNS flexible protection mesh overcomes the inconvenience of traditional ways to reinforce slopes, improves the effect of the vegetation, and becomes a developing method with ecological and social benefits.



➤ **Wire Series:**

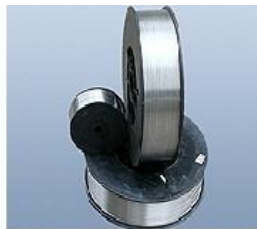
✚ **Black Annealed Wire**

Annealed Steel Wire, mostly written as soft annealed wire, annealed iron wire or just annealed wire. This kind of steel wire offers excellent flexibility and softness due to its oxygen free annealing process.

Our annealed wire products are mostly used as tie wire or material for weaving wire mesh.



✚ **Stainless Steel Wire**



Technical Information

- Material: 304, 304L, 316, 316L
- Size: diameter 5mm to 0.025mm



Stainless steel wire uses in redrawing, mesh weaving, soft pipe, isolation layer in kitchen, steel rope, filter material.

✚ **GI Wire & Hot-dip Wire**

>> **Galvanized Iron Wire**

Electric Galvanized Iron Wire Technical Information: Processing with low carbon steel wire, through drawing and electric galvanizing

Standard wire gauge for electro galvanized iron wire: from 8# to 16#

Electric galvanized iron wire uses: Electric galvanized wire is used in weaving of wire mesh, fencing for expressway and construction.

Hot-Dip Galvanized Iron Wire Technical Information: Material: super carbon steel Processing by drawing, hot-dip zinc coating

>> **Hot-dip galvanized iron wire standard wire gauge: from 8# to 24#**

Hot-dip galvanized wire property: Thick zinc-coating layer of



hot-dipped galvanized iron wire offers super corrosion resistance with firm coating layer. Customers' size is available.

>> Galvanized wire, steel wire, and annealed wire:

Galvanized wire, steel wire, annealed wire			
wire gauge size	SWG(mm)	BWG(mm)	metric(mm)
8	4.06	4.19	4.00
9	3.66	3.76	-
10	3.25	3.40	3.50
11	2.95	3.05	3.00
12	2.64	2.77	2.80
13	2.34	2.41	2.50
14	2.03	2.11	-
15	1.83	1.83	1.80
16	1.63	1.65	1.65
17	1.42	1.47	1.40
18	1.22	1.25	1.20
19	1.02	1.07	1.00
20	0.91	0.89	0.90
21	0.81	0.813	0.80
22	0.71	0.711	0.70

PVC Coated Iron Wire

We offer electro galvanized wire, hot-dipped galvanized wire, annealed wire, barbed wire and PVC coated iron wire to customers.

PVC Coated Wire is manufactured with quality iron wire. PVC is the most popular plastic for coating wires, as it is relatively low in cost, resilient, fire retardant and possesses good insulating properties.

Common colors available for PVC coated wire are green and black. Other colors are also available on request.

PVC Coated Wire Application: The most popular use for PVC coated wire is in the construction of chain link fences for industrial security fences, freeways and tennis courts. It is also used in other applications such as coat hangers and handles.



“U” Type Wire & Loop Wire & Cut Wire

>> "U" Type Wire

U Type wire is a kind of tie wire made with iron wire cut into certain sizes after being straightened. Wire material is bright iron wire, annealed wire. Electro Galvanized wire, PVC coated iron wire or daily use.

Standard Specification: normally wire gauge is 18~ 22 (wire diameter from 0.7mm ~ 1.2mm)

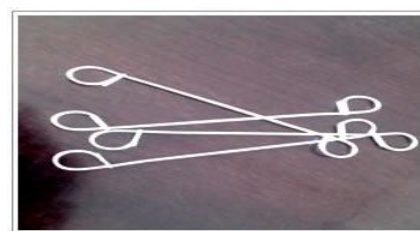


>> Loop Wire

We can provide good quality loop tie wires for customers

Loop tie wire is available in fractional lengths from 3" to 24"

Finish of loop tie wire can be: black annealed, copper, and galvanized or PVC coated.



We can also supply by each piece in bag or coil.

Packing: As per customer's requirement.

We can also supply rebar tie wire, baling tie wire, plastic coated wire ties and other binding wires.

>> Cut Wire

Material: Hard steel wire, galvanized wire, annealed wire

Features: Simple use, easy transportation

Use: Widely used in construction, making of handicrafts, daily uses and other use.



➤ Hexagonal Gabion Box Series:

🚧 Hexagonal Wire Mesh

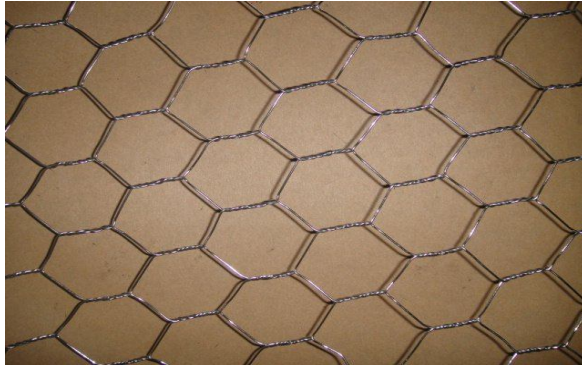
>> Specifications

Material: galvanized wire, PVC coated wire

Wire diameter: BWG14-BWG27

Mesh size: 3/8"-4"

Hexagonal wire mesh is also known by the name of chicken mesh. Hexagonal wire netting is manufactured in galvanized iron and galvanized iron drawn wire it is extensively used in building as reinforcement of the roof and floor, light. Fencing is always used for poultry farms, birds' cages, tennis courts and fish garden, and children playground.



Galvanized Hexagonal Wire Mesh Pic-001

Hot-Dipped Hexagonal Wire Mesh Pic-002

Galvanized hex. wire netting in normal twist (width of 0.5M-2.0M)

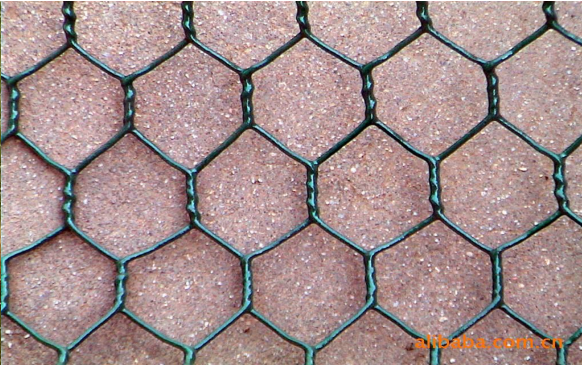
Mesh		Wire Gauge (BWG)
Inch	mm	
3/8"	10mm	27,26,25,24,23,22,21
1/2"	13mm	25,24,23,22,21,20,
5/8"	16mm	27,26,25,24,23,22
3/4"	20mm	25,24,23,22,21,20,19
1"	25mm	25,24,23,22,21,20,19,18
1-1/4"	32mm	22,21,20,19,18
1-1/2"	40mm	22,21,20,19,18,17
2"	50mm	22,21,20,19,18,17,16,15,14
3"	75mm	21,20,19,18,17,16,15,14
4"	100mm	17,16,15,14

Galvanized hex. wire netting in reverse twist (width of 0.5M-2.0M)

Mesh		Wire Gauge(BWG) (BWG)	Reinforcement	
Inch	mm		Width(ft)	Strand
1"	25mm	22,21,20,18	2'	1
1-1/4"	32mm	22,21,20,18	3'	2
1-1/2"	40mm	20,19,18	4'	3
2"	50mm	20,19,18	5'	4
3"	75mm	20,19,18	6'	5



Hexagonal Wire Mesh Pic-003 (poultry farms)



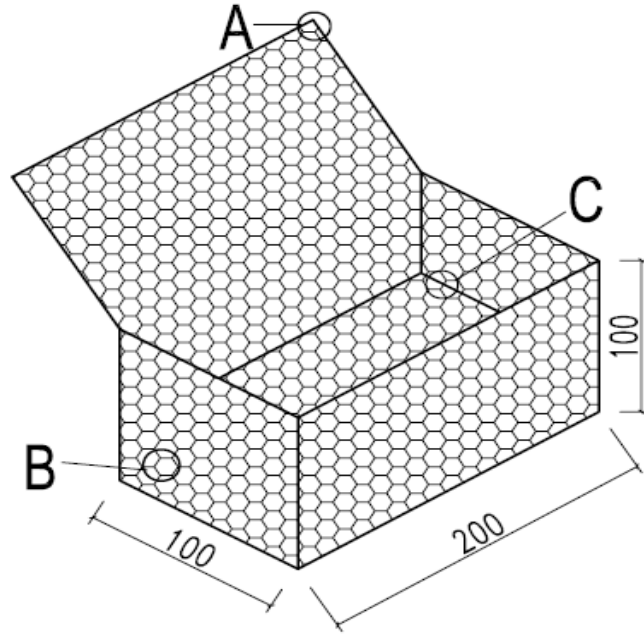
PVC Hexagonal Wire Mesh Pic-004

Hex. wire netting PVC-coated (width of 0.5M-2.0M)		
Mesh		Wire Diameter (mm)
Inch	mm	
1/2"	13mm	0.9mm,0.1mm
1"	25mm	1.0mm,1.2mm,1.4mm
1-1/2"	40mm	1.0mm,1.2mm,1.4mm,1.6mm

 **Gabion Box**



Drawing Pic-001



Gabion Box Pic-002

>> **Specifications**

A. Galvanized & PVC coated gabion box

1. Gabion mesh wire diameter: 2.0-3.5mm,
2. gabion mesh: 60*80-120*150mm,
3. gabion size: 2*1*1

Gabion box are wire containers made of hexagonal wire netting. The wire of the outside frame edge is one wire gauge thicker than the wire used for hexagonal wire netting.

B. Gabion box surface treatment:

1. Electro galv. Hexagonal wire mesh: Galv. Before weaving
2. Electro galv. Hexagonal wire mesh: Galv. After weaving
3. Hot-dipped galv. Hexagonal wire mesh: Galv. Before weaving
4. Hot-dipped galv. Hexagonal wire mesh: Galv. After weaving
5. PVC coated
6. Stainless steel hexagonal wire mesh

C. Gabion box wire diameter:

Normal aperture sizes(mm)	The inner wire diameter/outer wire diameter
60*80	2.0mm/3.0mm-2.8mm/3.8mm
80*100	2.2mm/3.2mm-3.0mm/4.0mm
100*120	2.4mm/3.4mm-3.2mm/4.2mm
120*150	2.7mm/3.7mm-3.5mm/4.5mm

D. Gabion box sizes:

Size of the Gabion box				Remarks	Tolerance
Length(M)	Width(M)	Height(M)	Unit	Cubage	Width:5% Length:5% Height:3%
2.00	1.00	0.30	1	0.60	
3.00	1.00	0.30	2	0.90	
4.00	1.00	0.30	3	1.20	
2.00	1.00	0.50	1	1.00	
3.00	1.00	0.50	2	1.5	
4.00	1.00	0.50	3	2.00	
1.00	1.00	1.00	0	1.00	
1.50	1.00	1.00	0	1.50	
2.00	1.00	1.00	1	2.00	
3.00	1.00	1.00	2	3.00	
4.00	1.00	1.00	3	4.00	

E. Gabion box Application:

1. Control and guide of water or flood
2. Flood bank or guiding bank
3. Preventing of rock breaking
4. Water and soil protection
5. Bridge protection
6. Strengthening structure of soil
7. Protect engineering of seaside area.

➤ **Expanded Metal Mesh Series:**

>> **Species:**

- ✚ *Aluminum Plate Expanded Metal Mesh*
- ✚ *Stainless Steel Expanded Metal Mesh*
- ✚ *Iron Plate Expanded Metal Mesh*
- ✚ *Copper Plate Expanded Metal Mesh*
- ✚ *Nickel Plate Expanded Metal Mesh*
- ✚ *Other Metal Plates Expanded Metal Mesh*

>> **Surface treatment:**

PVC Dip (including plastic, spray, plastic coated), hot galvanized, electro-galvanized etc.

>> **Characteristics:**

Mild steel expanded sheet, aluminum sheet, stainless steel sheet, copper sheet, nickel sheet.



>> Uses:

Used in civil construction the shelter of the mechanical equipment, marketing handicraft, It op-grade audio amplifier, highway defense, sports fields fencing and road greenbelt defense wire mesh.

>> Specification of expanded metal mesh

Thickness	Short distance	Length distance	Width	Sheet width	Sheet length
0.5mm	4mm	8mm	0.5	1200mm to 1250mm	4000
	6mm	12mm	0.8		3500
	8mm	16mm	1		4000
	10mm	25mm	1.2		4000
	12mm	30mm	1.5		4000
0.8mm	8mm	16mm	0.8		6000
	10mm	25mm	1		6000
	12mm	30mm	1.2		6000
1.0mm	8mm	16mm	1		5000
	10mm	25mm	1.2		5000
	12mm	30mm	1.5	6000	
1.2mm	8mm	16mm	1	5000	
	10mm	25mm	1.2	5000	
	15mm	40mm	1.5	6000	
	20mm	50mm	1.8	7000	
1.5mm	10mm	25mm	1.2	2000mm	6000
	15mm	40mm	1.5		7000
	18mm	50mm	1.8		7000
	24mm	60mm	2		9000
2.0mm	15mm	40mm	2.0		5000
	22mm	50mm	2.5		6000
	24mm	60mm	3		6000
	32mm	80mm	3.5		6000
	40mm	100mm	4		7000
2.5mm	22mm	50mm	2.5		6000
	24mm	60mm	2.5		7000
	32mm	80mm	3		8000
	40mm	100mm	4		7000

3.0mm	22mm	50mm	3		5000
	24mm	60mm	2.5		7000
	32mm	80mm	4		6000
	40mm	100mm	4.5		6000
	46mm	120mm	5		7000

Sheet Thickness (mm)	Opening in Width (mm)	Opening in Length (mm)	Stem (mm)	Roll Width (mm)	Roll Length (mm)	Weight (kg/m ²)
0.5	2.5	4.5	0.5	0.5	1	1.8
0.5	10	25	0.5	0.6	2	0.73
0.6	10	25	1	0.6	2	1
0.8	10	25	1	0.6	2	1.25
1	10	25	1.1	0.6	2	1.77
1	15	40	1.5	2	4	1.85
1.2	10	25	1.1	2	4	2.21
1.2	15	40	1.5	2	4	2.3
1.5	15	40	1.5	1.8	4	2.77
1.5	23	60	2.6	2	3.6	2.77
2	18	50	2.1	2	4	3.69
2	22	60	2.6	2	4	3.69
3	40	80	3.8	2	4	5.00
4	50	100	4	2	2	11.15
4.5	50	100	5	2	2.7	11.15
5	50	100	5	1.4	2.6	12.39
6	50	100	6	2	2.5	17.35
8	50	100	8	2	2.1	28.26

➤ **Brass Wire & Brass Wire Mesh Series**

>> **Materials:** brass wire, red copper wire and phosphor bronze wire.

Weaving and characteristics: plain weaving and twill weaving

>> **Usage:** used in sieving diversified pellet powder, chinaware and glass Printing, filtering liquid and gas.



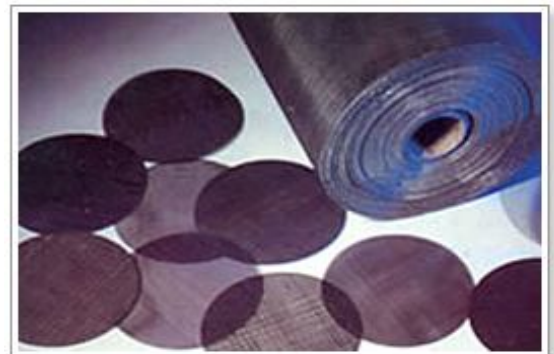
Mesh/ Inch	Wire diameter			Hole (mm)
	SWG	mm	Inch	
18	30	0.315	0.012	1.096
20	30	0.315	0.0124	0.955
30	32	0.247	0.011	0.573
40	36	0.193	0.0076	0.442
50	37	0.173	0.0068	0.335
60	37	0.173	0.0068	0.250
70	39	0.132	0.0052	0.231
80	40	0.122	0.0048	0.196
90	41	0.112	0.0044	0.170
100	42	0.012	0.004	0.152
120	44	0.081	0.0032	0.131

➤ **Black Wire Cloth Series**

>> **Material:** high quality low carbon steel wire and galvanized iron wire.

>> **Weaving and characteristics:** plain weaving, twill weaving or double-twill weaving; it can be punch to various kinds of wire mesh pieces for filtering.

>> **Usage:** used for filter in rubber, plastic, oil, chemical industry, grain etc.



➤ **Window Screen Series**

>> **Material:** including low carbon steel wire, stainless steel wire, chemical fiber, Al-Mg alloy wire, galvanized wire, PVC wire, aluminum wire.

>> **Species:**

Enameled window screen

Galvanized window screen

Painted iron window screen

PVC-coated iron window screen

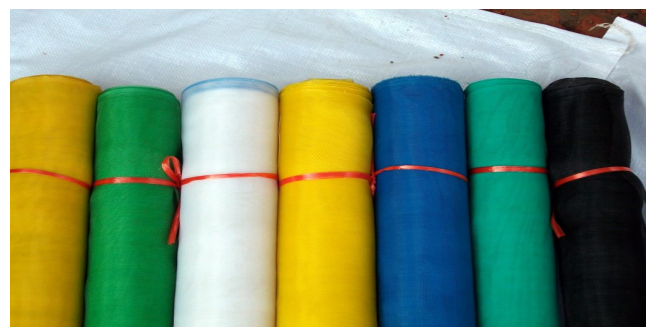
Stainless Steel window screen

Epoxy-coated window screen

Aluminum Alloy window screen

Fiberglass window screen

Polyethylene window screen

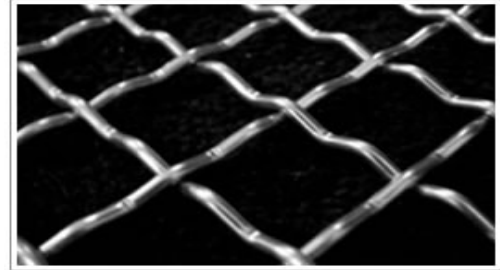


➤ **Crimped Wire Mesh Series**

>> **Materials:** black steel wire, white steel wire, lead wire, stainless steel wire etc,

>> **Weaving and characteristics:** weaving after crimping, the structure is strong, bend on both end, or bend on one end, tighten bending, plane top bending.

>> **Usage:** most used in mine, coal factory, construction etc.



➤ **Conveyor Belt Mesh**

>> **Material:** stainless wire, stainless iron wire, middle and low carbon steel wire, galvanized iron wire, galvanized iron wire, nickel, chromium wire, iron, chromium wire, aluminum wire, polyester wire etc.

>> **Weaving and characteristics:** the shape of organization structure including: ordinary weaving, reinforce weaving, parts ordinary weaving etc.

>> **Usage:** used widely in oil, metallurgy, food processing, pharmacy, glass print special equipments of circuit board etc.



>> **Main technical parameter:**

1. Mesh belt width: 150 ~ 5500mm
2. Mesh belt speed: 0.15 ~ 0.50 m/min
3. Application temperature:-40 ~ 1300 degree centigrade
4. Edge form: curving head, heading welding etc.
5. Stainless steel wire (304, 304L, 302, 201, 316, 316L, 2520, 2580), middle and low carbon black, white steel wire, galvanized iron wire, hard chromium aluminum wire.

➤ **Perforated Plate Mesh**

>> **Name of products:** perforated plate mesh

Byname: sieving plate, the hole has round, length, square, scale hole, hexagonal hole.

>> **Material:** low carbon steel plate, stainless steel plate, brass plate, Aluminum plate, nickel plate and several of nonmetal plate.

>> **Characteristics:** the surface is smooth, beautiful, the usage is extensive.

>> **Usage:** used in mine, medicine, sieving grain, noise elimination, machine-protection and decoration etc.



➤ **Barbecue Mesh**

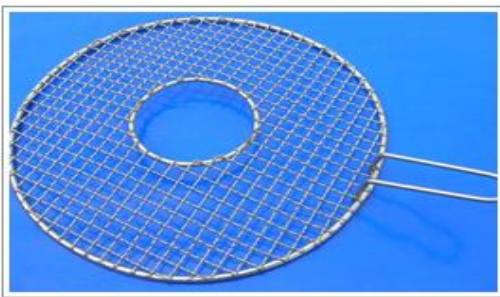
>> **Different Specification of Barbecue Grill Wire Mesh:**

1. Round with border (plain type and protruding type0)
2. Square with border
3. Welding Square (before electro galvanized)
4. Curve Barbecue Grill Wire Mesh
5. Welding Round, and square stainless steel

We can supply them according to your requests

>> **Concrete Specifications:**

Diameter: 230mm, 240mm, 260mm, 270mm, 280mm, 300mm.



Product Structure: bend, sturdy structure

(1) The middle is galvanized drawing wire crimp wire mesh

Wire dia: 1.10mm hole: 11mm

(2) Bordered with tinplate

(3) Weight of finished mesh pieces: about 100g

>> **Usage:** widely used in roasting of wheaten food, meet, fish etc.

It can be produced according to customers' ordered

specifications.

>> **Weave and characteristics:**

Rolled and then woven by double intermediate crimp, lock crimp, flat top crimp, double crimp.

➤ **Filter Mesh Packs**

>> **Materials:** various stainless steel square mesh, fine wire cloth, black wire cloth, galvanized wire, copper mesh and perforated metal.

>> **Manufacturing characteristics:** perforated by means of moulds of such shapes as round, square, rectangle, oval, hat and so on. The perforating holes are of precise therefore having very fine filtration.

>> **Usage:** widely used in the fiber industry as nozzle and filters in such industries as rubber, pharmacy, brewery, beverage and so on.



ANPING AORUN
WIRE MESH PRODUCTS
CO., LTD

**NO. 38, West of Hehuang Road,
Anping County, 053600,
Hebei, P.R. China**

Tel/Fax: +86-318-7592820/7592830

business0@meshwiremesh.com

www.meshwiremesh.com

<http://aorunsiwang.manufacturer.globalsources.com>

**Hebei Factory
South Development Zone,
Anping County, 053600, Hebei, P.R.China**