

PRODUCT CATALOGUE

2024

WIRE MESH
CONTACT US



HUANJI
WIRE MESH

COMPANY PROFILE

Hebei Huanji Wire Mesh Products Co., Ltd. is located in the hometown of Anping wire mesh. It is a scientific and technological industry integrating research, development, production and sales of stainless steel wire mesh products; our factory has brand-new stainless steel weaving machine equipment and strong technical force. The technological process is scientific, the quality inspection system is perfect, the high-quality raw materials are used, and the quality is strictly controlled.



Payment



Standardized production Support customization
Hebei Huanji Wire Mesh Products Co. LTD

0

ZERO RISK COMMITMENT

- 01** Payment Term: TT, LC, DP, Western Union, Paypal, etc.
- 02** Precision production equipment; weaving steel reeds is imported from Germany and Japan.
- 03** Quality Assurance.
- 04** Full Quality Inspection line:100% inspection
- 05** Sincerity service
- 06** More than 20 years working experience engineers.
- 07** Standardized production Support customization
- 08** Wooden case packing make the goods safe.
- 09** Guarantee Delivery time
- 10** 7*24 hours online service



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Brass wire mesh
Expanded metal
Vibrating screen
Welded wire mesh
Gabion box

Perforated metal mesh
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Conveyor belt
Decorative wire mesh
Window screening
Chain link fence
Ore screen
Grating metal sheet
Carbon steel mesh
Aluminium wire mesh
Hexagonal wire mesh
Razor barbed wire
Oil vibrating screen
Test sieve
Barbed wire



Enterprise purpose

our tenet is specialized operation, integrity service.customer orientation.we sincerely hope that with superior products, reasonable price and perfect services, there can be perfect cooperation with every customer.

Main export market

Australia,Germany,France,UK,Spain, Sweden,Switzerl,Norway,Australia, Italy,Netherland,USA and Canada.

Main products

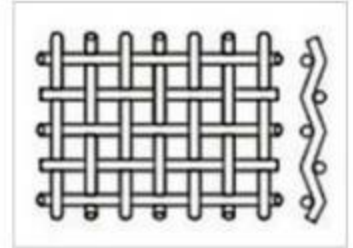
Main products:

stainless steel/perforated metal mesh/
Copper/expanded metal mesh/welded wire
mesh/Sintered/Pure nickel/Nichrome/
Monel/Inconel/Hastelloy wire mesh etc.

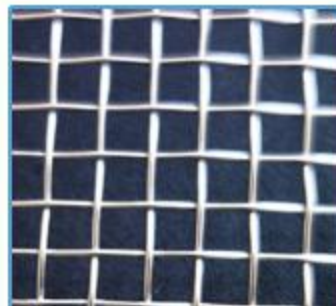
Deep processing products:filter disc/filter
caps filter tube etc.



Plain Weave



This is the most simple weaving type with each weft wire passing over one and under one warp wire, and each warp wire passing over one and under one weft wire. The weft wire has the same diameter with the warp wire. Among all woven wire products, Plain woven wire mesh has the maximum opening and the minimum thickness of the fabric.





Stainless steel Weaving wire mesh Plain weave

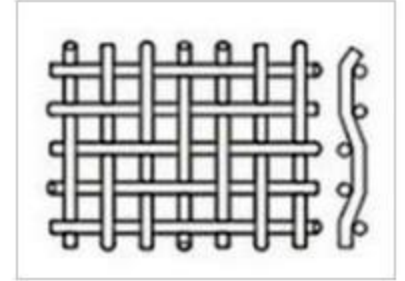
Mesh/ inch	Diameter		Opening	
	mm	inch	mm	inch
1	3	0.118	22.4	0.882
2	1.5	0.059	11.2	0.441
3	1.2	0.047	7.27	0.286
4	1	0.039	5.35	0.211
5	1	0.039	4.08	0.161
6	0.9	0.035	3.33	0.131
7	0.8	0.031	2.83	0.111
8	0.8	0.031	2.38	0.094
10	0.6	0.024	1.94	0.076
12	0.55	0.022	1.57	0.062
14	0.5	0.02	1.31	0.052
16	0.5	0.02	1.09	0.043
18	0.5	0.02	0.91	0.036
20	0.4	0.016	0.87	0.034
20	0.45	0.018	0.82	0.032
24	0.35	0.014	0.71	0.028
26	0.3	0.012	0.68	0.027
28	0.3	0.012	0.61	0.024
30	0.25	0.01	0.6	0.023
40	0.2	0.008	0.44	0.017
50	0.18	0.007	0.33	0.013
60	0.16	0.006	0.26	0.01
60	0.19	0.007	0.23	0.009
70	0.12	0.005	0.24	0.01
80	0.12	0.005	0.2	0.008
80	0.13	0.005	0.19	0.007
100	0.1	0.004	0.15	0.006
100	0.11	0.004	0.14	0.006
104	0.06	0.002	0.18	0.007
120	0.09	0.004	0.12	0.005
120	0.058	0.002	0.15	0.006
120	0.08	0.003	0.13	0.005

Stainless steel Weaving wire mesh Plain weave

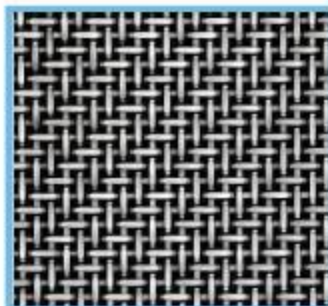
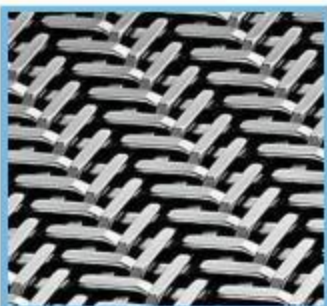
Mesh/ inch	Diameter		Opening	
	mm	inch	mm	inch
140	0.07	0.003	0.11	0.004
145	0.045	0.002	0.13	0.005
150	0.06	0.002	0.11	0.004
150	0.05	0.002	0.12	0.005
160	0.05	0.002	0.11	0.004
160	0.04	0.002	0.12	0.005
160	0.035	0.001	0.12	0.005
165	0.05	0.002	0.1	0.004
180	0.05	0.002	0.09	0.004
180	0.04	0.002	0.1	0.004
200	0.053	0.002	0.07	0.003
200	0.05	0.002	0.08	0.003
200	0.04	0.002	0.09	0.003
220	0.05	0.002	0.07	0.003
230	0.035	0.001	0.08	0.003
230	0.03	0.001	0.08	0.003
250	0.04	0.002	0.06	0.002
250	0.035	0.001	0.07	0.003
250	0.03	0.001	0.07	0.003
270	0.035	0.001	0.06	0.002
270	0.03	0.001	0.06	0.003
280	0.035	0.001	0.06	0.002
300	0.03	0.001	0.05	0.002
325	0.025	0.001	0.05	0.002
325	0.028	0.001	0.05	0.002
325	0.03	0.001	0.05	0.002
350	0.022	0.001	0.05	0.002
370	0.022	0.001	0.05	0.002
400	0.022	0.001	0.04	0.002
420	0.022	0.001	0.04	0.002
450	0.02	0.001	0.04	0.001



Twill Weave



This is the most simple weaving type with each weft wire passing over one and under one warp wire, and each warp wire passing over one and under one weft wire. The weft wire has the same diameter with the warp wire. Among all woven wire products, Plain woven wire mesh has the maximum opening and the minimum thickness of the fabric.

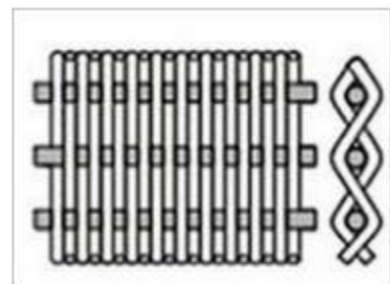




Stainless Steel Weaving Wire Mesh Twill Weave

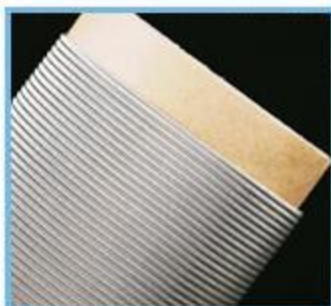
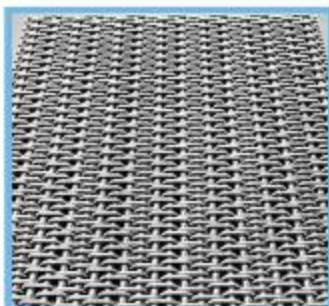
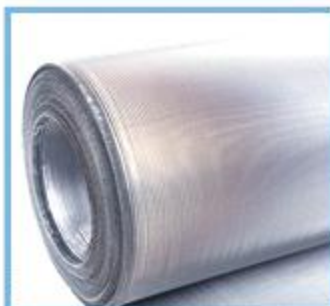
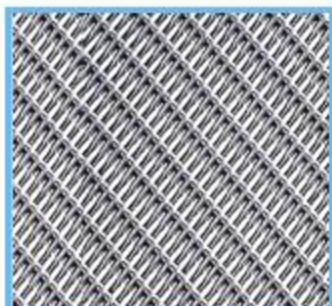
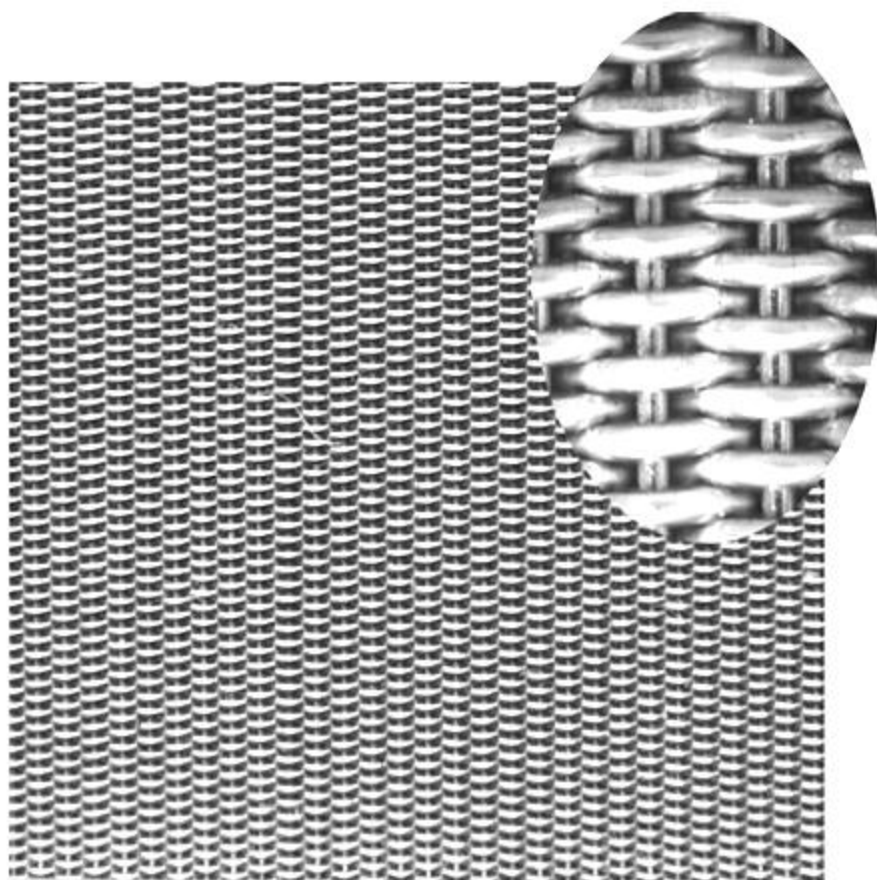
Mesh/inch	Diameter		Opening	
	mm	inch	mm	inch
150	0.07	0.0028	0.0993	0.0039
165	0.058	0.0023	0.0959	0.0038
180	0.058	0.0023	0.0831	0.0033
200	0.058	0.0023	0.069	0.0027
225	0.05	0.002	0.0629	0.0025
235	0.045	0.0018	0.0631	0.0025
250	0.04	0.0016	0.0616	0.0024
270	0.04	0.0016	0.0541	0.0021
280	0.04	0.0016	0.0507	0.002
300	0.035	0.0014	0.0497	0.002
300	0.038	0.0015	0.0467	0.0018
300	0.04	0.0016	0.0447	0.0018
315	0.035	0.0014	0.0456	0.0018
325	0.035	0.0014	0.0432	0.0017
350	0.035	0.0014	0.0376	0.0015
350	0.03	0.0012	0.0426	0.0017
363	0.03	0.0012	0.04	0.0016
400	0.025	0.001	0.0385	0.0015
400	0.028	0.0011	0.0355	0.0014
400	0.03	0.0012	0.0335	0.0013
450	0.025	0.001	0.0314	0.0012
500	0.025	0.001	0.0258	0.001
510	0.025	0.001	0.0248	0.001
530	0.024	0.0009	0.0239	0.0009
635	0.02	0.0008	0.02	0.0008

Plain Dutch Weave



Is the combination of dutch weave and plain weave. It has two sizes of wire diameters like the dutch weave. Each warp wire with coarse wire diameter passes alternately over and under one weft wire to supply high tensile strength for the netting.

The weft wire with fine wire diameter alternately passes over and under one warp wire to form a fine opening for filtering.

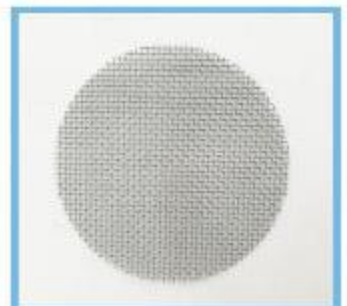
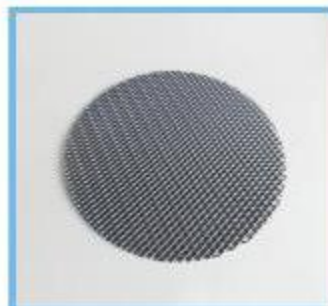



Stainless Steel Weaving Wire Mesh Plain Dutch Weave

mesh/inch (Warp x Weft)	Wire Diameter (Warp x Weft)	
	mm	inch
8 x 62	0.63 x 0.45	0.0248 x 0.0177
10 x 79	0.5 x 0.355	0.0197 x 0.0140
12 x 64	0.58 x 0.4	0.0228 x 0.0157
14 x 88	0.4 x 0.3	0.0157 x 0.0118
19 x 140	0.315 x 0.2	0.0124 x 0.0079
20 x 300	0.35 x 0.2	0.0138 x 0.0079
24 x 110	0.355 x 0.25	0.0140 x 0.0098
25 x 140	0.28 x 0.2	0.0110 x 0.0079
30 x 150	0.25 x 0.18	0.0098 x 0.0071
35 x 175	0.224 x 0.16	0.0088 x 0.0063
40 x 200	0.2 x 0.14	0.0079 x 0.0055
45 x 250	0.16 x 0.112	0.0063 x 0.0044
50 x 250	0.14 x 0.11	0.0055 x 0.0043
55.5 x 280	0.14 x 0.1	0.0055 x 0.0039
65 x 330	0.11 x 0.08	0.0043 x 0.0031
70 x 350	0.11 x 0.08	0.0043 x 0.0031
70 x 385	0.11 x 0.07	0.0043 x 0.0028
78 x 700	0.11 x 0.08	0.0043 x 0.0031
80 x 400	0.1 x 0.065	0.0039 x 0.0026
80 x 600	0.1 x 0.06	0.0039 x 0.0024
80 x 800	0.15 x 0.04	0.0059 x 0.0016
81 x 780	0.1 x 0.07	0.0039 x 0.0028
90 x 550	0.12 x 0.05	0.0047 x 0.0020
100 x 800	0.08 x 0.04	0.0031 x 0.0016
120 x 1100	0.07 x 0.04	0.0028 x 0.0016

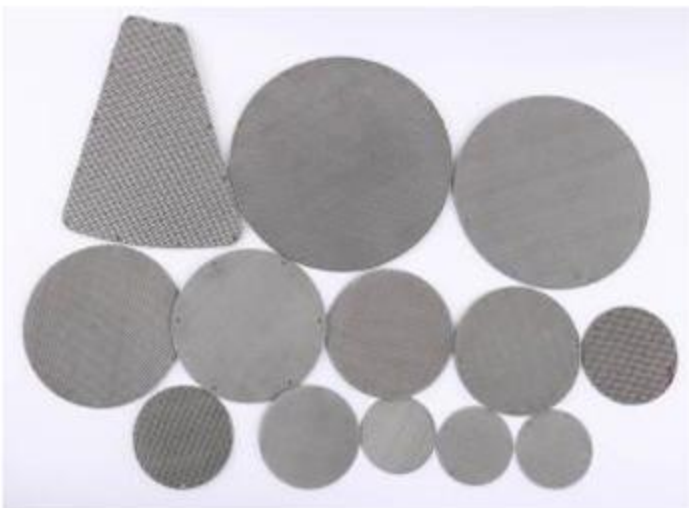
Twill Discs

The mesh is cut into different shapes, such as round, oval, rectangular, ring and other irregular shapes. They can also be wrapped with edges and some of discs are spot welded into multi-layers. Filter disc has smooth surface and fine meshes, which can ensure the outstanding filtration performance.



Filter Discs

Product	Metal wire mesh filter disc
Material	SS304, SS304L, SS316, 316L, Monel, Hastelloy wire mesh, sintered mesh
Overall Diameter	5.0 mm to 5000 mm
Mesh count	plain weave from 1-635 mesh
	dutch weave can be woven up to 500×3500 mesh
Shape	rectangle, aquare, round, oval, circular, cap, waist and abnormity, pack filter with wrapped edge
Material of the edge	stainless steel ,iron (black wirecloth, low carbon steel), copper, aluminium,
Technique	Multi Layers Filter Disc With Spot Welded Edge, etching, edge covered,or customized,Filter Disc Can Be Produced With EPDM Edge
Advantage	High filtering rate
	corrosion & alkai & acid resistance
	long use lifetime
Applications	Filtering oil Gas liquid separation
	Uniform gas,well-distributed, diffuse gas or oil or heat
	Filtration for high temperature environment
	High pressure reverse wash filtering
	Acid and alkali corrosion environment filtering



Filter Tube

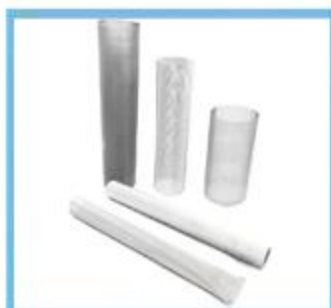
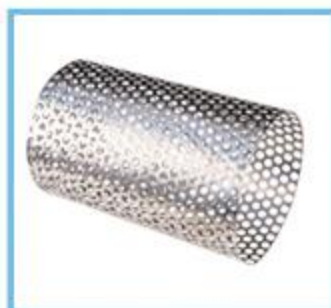
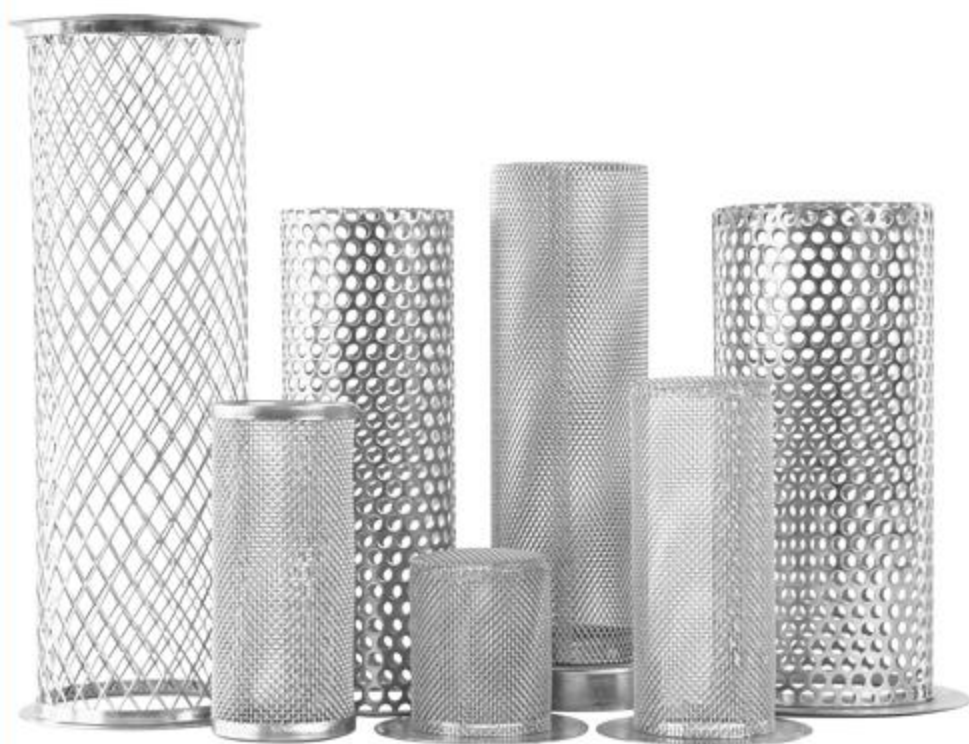
The Material can be stainless steel woven mes, sintered mesh, perforated metal. Shape: cylinder or as per requirement. Features: high concentricity rate, big pressure resistant, stainless steel material, no burr, long service life.

Application:

Petroleum chemical industry

Oil field pipeline filter.

Fuel refueling equipment filter.



Filter Tube

Product	wire mesh filter tube
Material	SS304, SS304L, SS316, 316L, Monel, Hastelloy wire mesh, sintered mesh
Overall Diameter	5.0 mm to 5000 mm
Mesh count	plain weave from 1-635 mesh
	dutch weave can be woven up to 500×3500 mesh
Shape	rectangle, aquare, round, oval, circular, cap, waist and abnormity, pack filter with wrapped edge
Material of the edge	stainless steel ,iron (black wirecloth, low carbon steel), copper, aluminium,
Technique	Multi Layers Filter Disc With Spot Welded Edge, etching, edge covered,or customized,Filter Disc Can Be Produced With EPDM Edge
Advantage	High filtering rate
	corrosion & alkai & acid resistance
	long use lifetime
Applications	Filtering oil Gas liquid separation, coffee filter screen
	Uniform gas,well-distributed, diffuse gas or oil or heat
	Filtration for high temperature environment
	High pressure reverse wash filtering
	Acid and alkali corrosion environment filtering



Filter Elements

The material of stainless steel filter elements are including single layers sintered metals and stainless steel woven wire cloth. Filter elements are widely used in polyester, catalyzer, high temperature gas or liquid filtration and separation. Sintered metal filter element has excellent advantages as a filtration material.



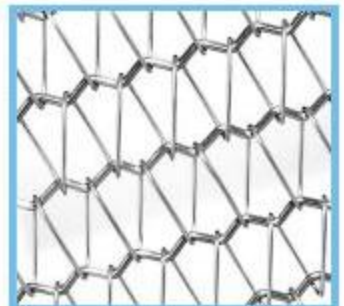
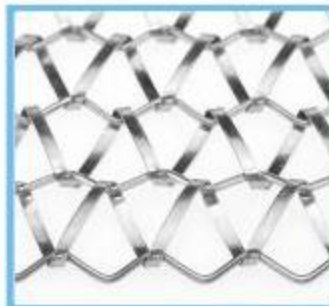
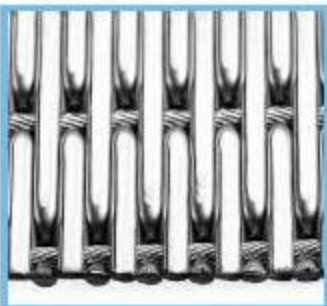
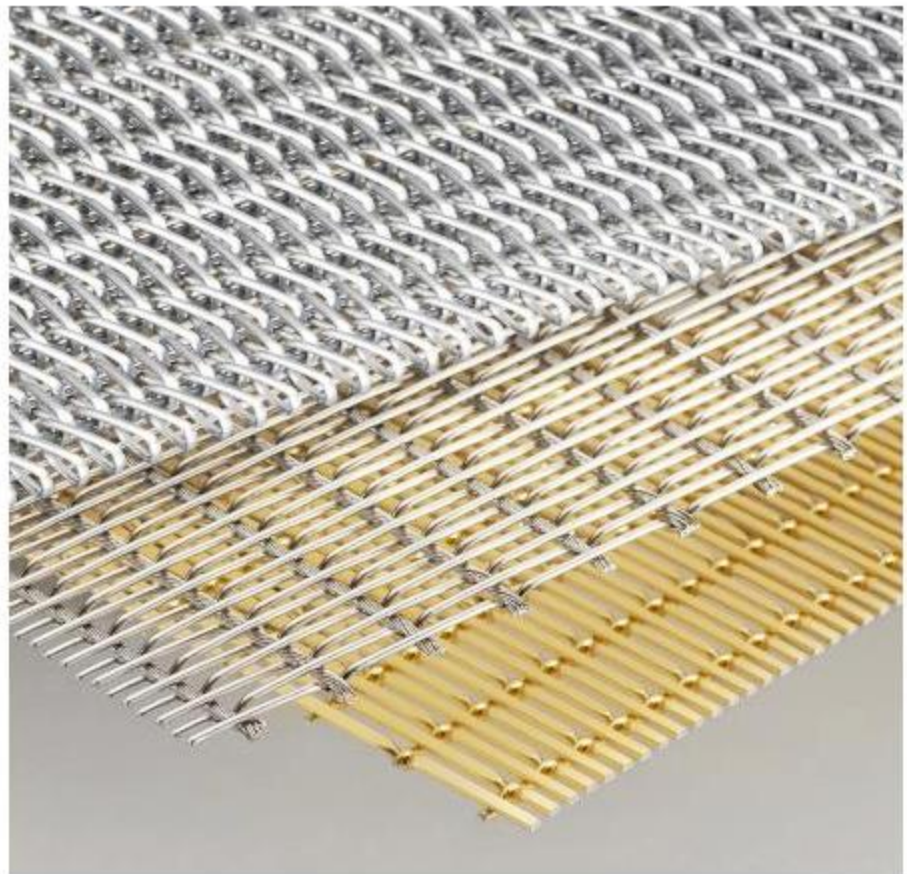
Filter Elements

Material	SUS 304/304L/316/316L Stainless Steel Wire Mesh, sintered wire mesh.
Structure:	<ol style="list-style-type: none"> 1. Stainless steel material free from blur ensures a long life span. 2. Outside protection cylinder (made of perforated stainless steel plate) can protect the candle filter element from unexpected damage at installation. 3. Pleating waves increase the filtration area, enhance product lifespan and reduce operation cost. 4. Taper design at the end increases flow and avoid low flow area. 5. Quality imported sintered fiber web enjoy super filtration and repeated cleaning. 6. Internal hexagonal design to make the dismantle and loading of the elements easy, also avoid flow decreasing of the joint part. 7. The pressure resistance of stainless steel supporting inside core can reach 175bar.
Application	<p>Environmental, chemical, food, pharmaceutical, petroleum, water treatment filtration industry;</p> <p>Iron and steel melting, power generation, marine purification, drinking water treatment, air filter, oil filter and others.</p>
Advantage	<p>Filter elements processed with stainless steel woven wire cloth as filter medium, have such advantages of good strength, fastness, easily cleanable, heat-resistance and economic cost.</p> <p>High dirt holding capacity</p> <p>High reliable standard specifications</p> <p>Stainless steel pleated filter element has low pressure drop due to high porosity</p> <p>Pleated filter element has accurate filtration rating</p> <p>Easily cleanable by conventional chemical cleaning and with a long life-span</p> <p>Filtration area of pleated stainless steel filter element is increased by pleating</p> <p>Pleated filter elements can use ultrasonic, chemistry to clean, and can be repeatedly used; can also be bounce-back cleaned without dismantling on the product line, then saving the time</p> <p>Stainless steel pleated filter elements have strong corrosion and acid and alkaline resisting property. Durable, reusable, save cost.</p>



Decorative Wire Mesh

The mesh is cut into different shapes, such as round, oval, rectangular, ring and other irregular shapes. They can also be wrapped with edges and some of discs are spot welded into multi-layers. Filter disc has smooth surface and fine meshes, which can ensure the outstanding filtration performance.



Decorative Crimped Woven Mesh Technique Information

Material	Stainless steel, iron wire, copper, brass, aluminum, aluminum alloys, etc.
Wire diameter	0.5 mm – 4 mm
Aperture size	3 mm-20 mm
Open area	45% – 90%
Weight	1.8kg/m ² – 12kg/m ² (depending on shape and material chosen)
Surface treatment	Decorative plating, Physical Vapor Deposition, US10B and US10A Finish, Powder Coating, Passivation, etc.
Colors	silver, brass yellow, ultra black, Chinese red, purple, bronze, pearl gray, etc.

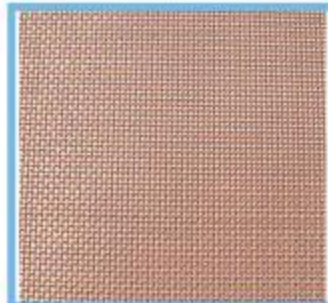
Flat Wire Decorative Wire Mesh Technique Information

Material	Stainless steel, iron wire, copper, brass, aluminum, aluminum alloys, etc.
Wire diameter	0.5 mm – 4 mm
Aperture size	3 mm-20 mm
Open area	45% – 90%
Weight	1.8kg/m ² – 12kg/m ² (depending on shape and material chosen)
Surface treatment	Decorative plating, Physical Vapor Deposition, US10B and US10A Finish, Powder Coating, Passivation, etc.
Colors	Brass, Bronze, Antique Brass, Antique Bronze, Nickel, Silver, Gold, etc



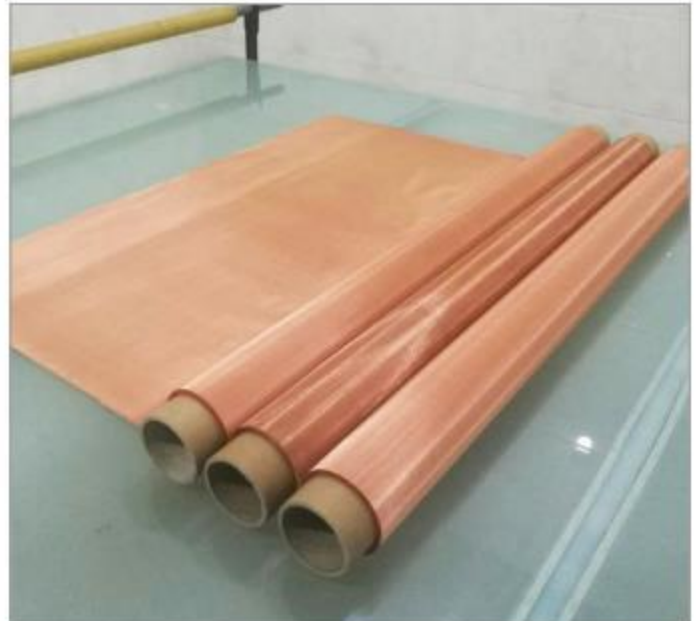
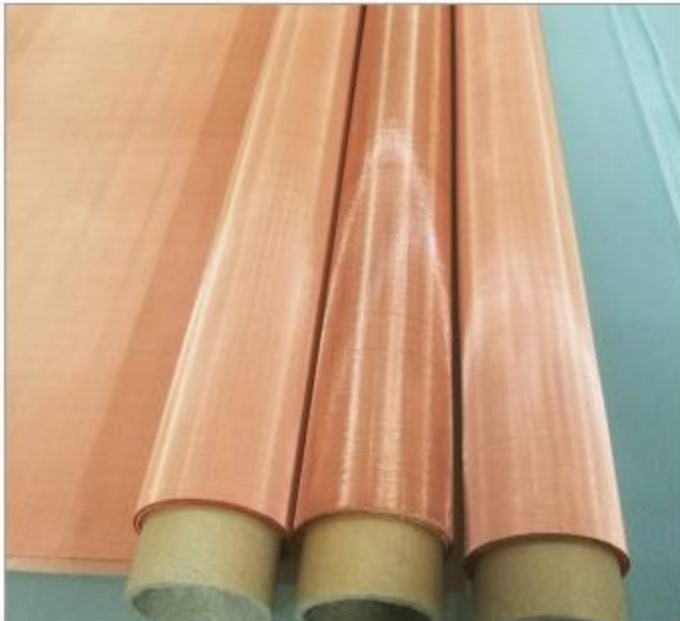
Copper Wire Mesh

Copper wire mesh is also called red copper wire mesh, copper wire cloth. there are copper alloy woven wire mesh, such as the brass woven wire mesh and phosphor bronze woven wire mesh. Performance: copper wire has excellent electric conductivity, thermal conductivity, ductibility and corrosion resistance.



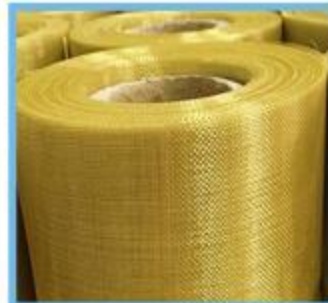
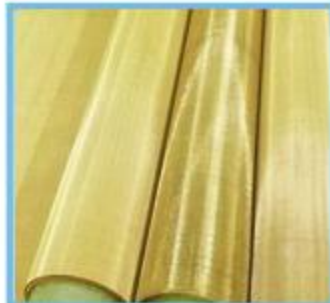
Stainless Steel Weaving Wire Mesh Copper Wire Mesh

Mesh (wires/in.)	Wire diameter (in.)	Width of opening (in)	Open area (%)
2 × 2	0.063	0.437	76.4
4 × 4	0.063	0.187	56
4 × 4	0.047	0.203	65.9
8 × 8	0.028	0.097	60.2
10 × 10	0.025	0.075	56.3
12 × 12	0.023	0.060	52.9
14 × 14	0.020	0.051	51.8
16 × 16	0.0110	0.0520	67.9
24 × 24	0.014	0.028	44.2
30 × 30	0.013	0.020	37.1
40 × 40	0.010	0.015	36
50 × 50	0.009	0.011	30.3
60 × 60	0.0075	0.009	30.5
80 × 80	0.0055	0.007	31.4
100 × 100	0.0045	0.006	30.3



Brass Wire Mesh

Brass wire mesh is an alloy of copper and zinc. Brass mesh is woven by Brass wire, phosphor bronze wire, or copper wire. It is used for separation and sifting kinds pellet, grain, porcelain earth and glass, chinaware printing and filter liquid. Our brass woven wire cloth products are widely used in mining, petroleum, chemical, electronic, transport, plastic, food, construction and other fields.



Weaving Wire Mesh Brass Wire Mesh

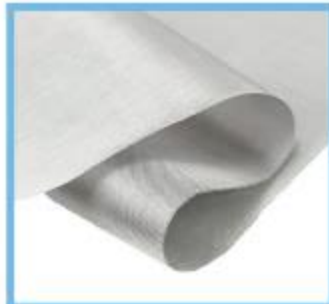
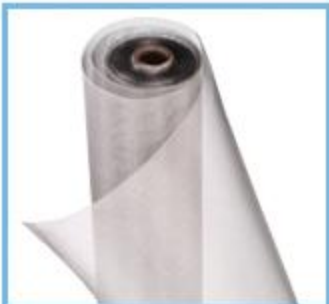
Mesh (wires/in.)	Wire diameter (in.)	Width of opening (in)	Open area (%)
2 × 2	0.063	0.437	76.4
3 × 3	0.063	0.27	65.6
4 × 4	0.063	0.187	56
4 × 4	0.047	0.203	65.9
6 × 6	0.035	0.132	62.7
8 × 8	0.028	0.097	60.2
10 × 10	0.025	0.075	56.3
12 × 12	0.023	0.060	51.8
14 × 14	0.020	0.051	51
16 × 16	0.0180	0.045	50.7
18 × 18	0.017	0.039	48.3
20 × 20	0.016	0.034	46.2
24 × 24	0.014	0.028	44.2
30 × 30	0.013	0.020	37.1
40 × 40	0.010	0.015	36
50 × 50	0.009	0.011	30.3
60 × 60	0.0075	0.009	30.5
80 × 80	0.0055	0.007	31.4
100 × 100	0.0045	0.006	30.3





Nickel Wire Mesh

Nickel woven wire mesh or low-alloy nickel woven wire mesh is useful in chemical processing because of its resistance to various chemicals including acid, alkali. It is also useful in the electronics due to its high electrical conductivity. The Nickel wire can be also used in the heat exchange due to its thermal conductivity and ductility.

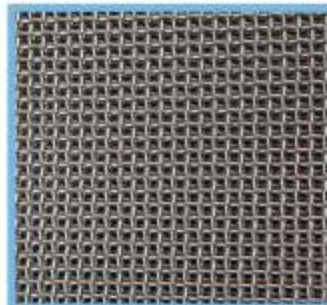
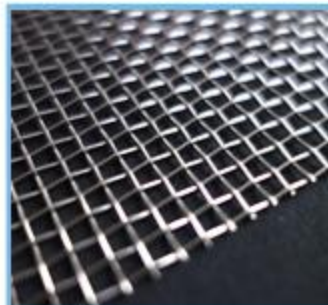
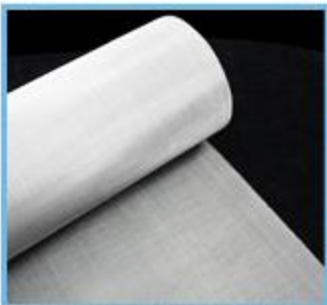
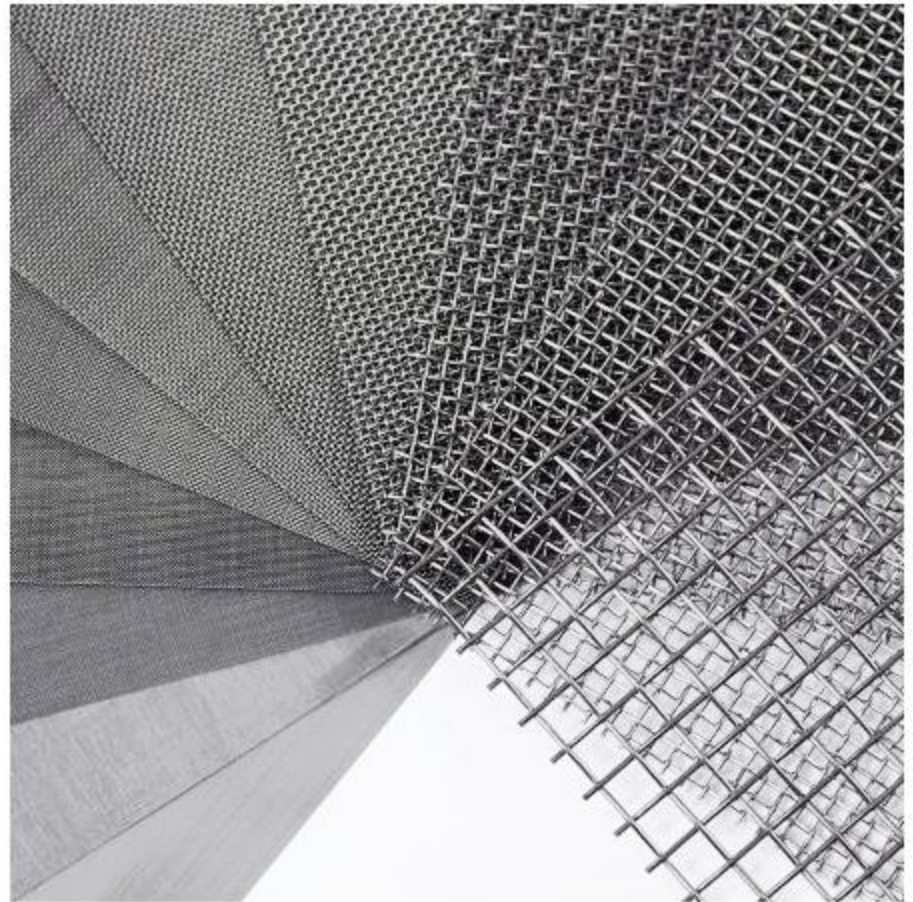


Weaving Wire Mesh Nickel Wire Mesh

Mesh (wires/in.)	Wire diameter (in.)	Width of opening (in)	Open area (%)
2 × 2	0.063	0.437	76.4
3 × 3	0.063	0.27	65.6
4 × 4	0.063	0.187	56
4 × 4	0.047	0.203	65.9
6 × 6	0.035	0.132	62.7
8 × 8	0.028	0.097	60.2
10 × 10	0.025	0.075	56.3
12 × 12	0.023	0.060	51.8
14 × 14	0.020	0.051	51
16 × 16	0.0180	0.045	50.7
18 × 18	0.017	0.039	48.3
20 × 20	0.016	0.034	46.2
24 × 24	0.014	0.028	44.2
30 × 30	0.013	0.020	37.1
40 × 40	0.010	0.015	36
50 × 50	0.009	0.011	30.3
60 × 60	0.0075	0.009	30.5
80 × 80	0.0055	0.007	31.4
100 × 100	0.0045	0.006	30.3

Titanium Wire Mesh

Titanium woven wire mesh is with outstanding corrosion resistance, low density and nontoxic performance. In the corrosion environment, the surface of high purity titanium mesh will form an oxidation film layer to protect wire mesh from being corroded. The layer is compact and inert, which has strong resistance to the corrosion.




Titanium Wire Mesh Technique Information

Mesh (Wires/ in.)	Wire diameter (in.)	Width of opening (in.)	Open area (%)
4 × 4	0.0320	0.2180	76.00
4 × 4	0.0350	0.2150	74.00
6 × 6	0.0320	0.1350	65.60
7 × 7	0.0250	0.1180	68.20
8 × 8	0.0320	0.0930	55.40
9 × 9	0.0320	0.0790	50.60
10 × 10	0.0350	0.0650	42.30
10 × 10	0.0300	0.0700	49.00
10 × 10	0.0250	0.0750	56.30
12 × 12	0.0110	0.0723	75.30
14 × 14	0.0160	0.0550	60.20
16 × 16	0.0060	0.0565	81.70
18 × 18	0.0100	0.0460	67.40
18 × 18	0.0110	0.0445	64.40
18 × 18	0.0160	0.0400	50.8
20 × 20	0.0030	0.0470	88.40
20 × 20	0.0200	0.0300	36.00
20 × 20 TW	0.0160	0.0340	46.20
24 × 24	0.0100	0.0320	57.90
24 × 24	0.0118	0.0299	51.40
26 × 26	0.0100	0.0290	54.90
30 × 30	0.0100	0.0233	49.00
32 × 32	0.0100	0.0210	46.50
35 × 35	0.0080	0.0206	51.80
40 × 40	0.0050	0.0200	64.00
40 × 40	0.0100	0.0150	36.00

Silver Wire Mesh

Woven style:

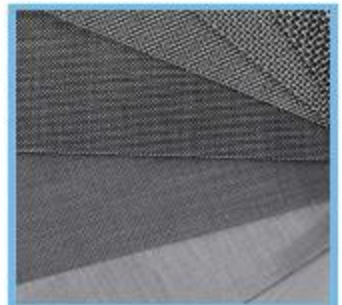
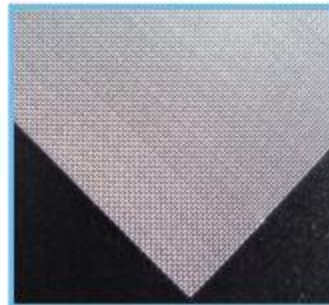
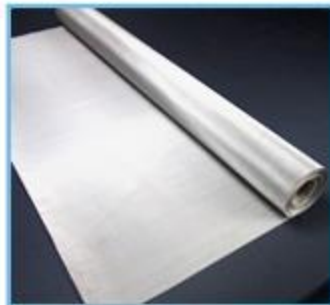
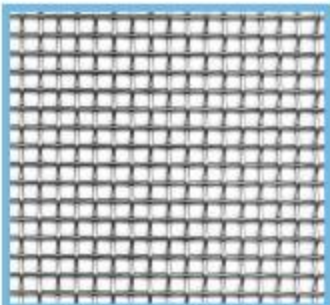
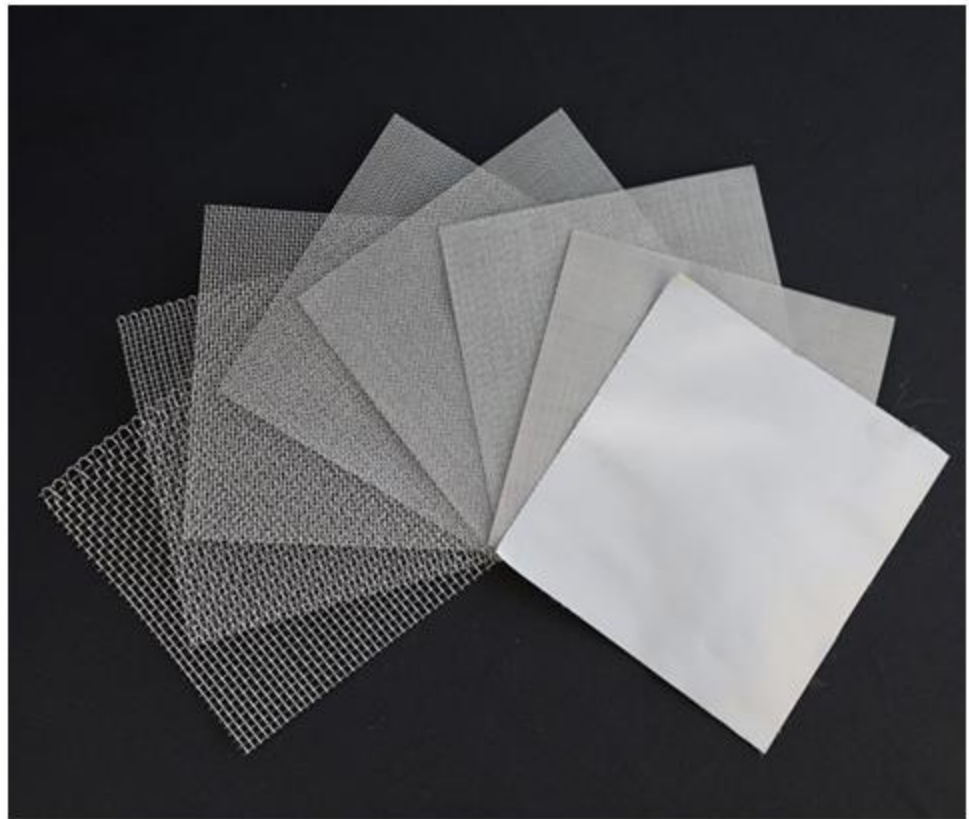
Plain and Twill Weave

Mesh: 20-180mesh

Diameter: 0.06-0.35mm

Performance:

- Highest electric and thermal conductivity
- High ductility
- Corrosion resistance
- Reliable and prolong service



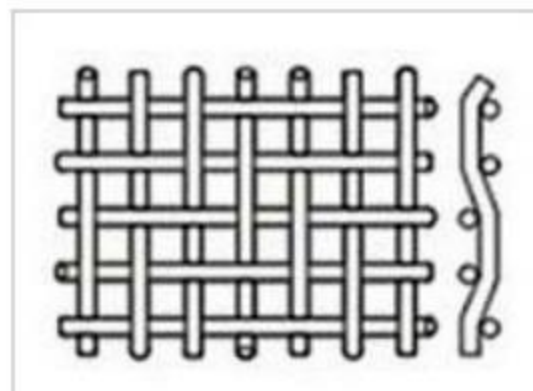
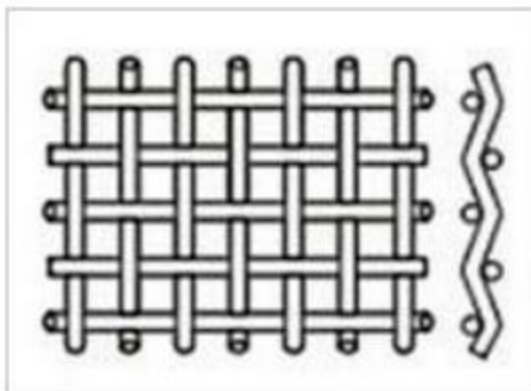
Specification List of Silver wire mesh

Wire Mesh (Wires / In.)	Wire Dia.	Type Weave	Width Opening	% Open Area	Wire Mesh (Wires / In.)
20 x 20	0.014	Plain	0.036	51.8	20 x 20
30 x 30	0.0095	Plain	0.0238	51.1	30 x 30
40 x 40	0.0045	Plain	0.0205	67.2	40 x 40
40 x 40	0.01	Plain	0.015	36	40 x 40
50 x 50	0.003	Plain	0.017	72.3	50 x 50
60 x 60	0.005	Plain	0.0117	49	60 x 60
60 x 60	0.0071	Plain	0.0096	33	60 x 60
80 x 80	0.0045	Plain	0.008	41	80 x 80
100 x 100	0.0023	Plain	0.0077	59.3	100 x 100
180 x 180	0.0023	Twill	0.0033	34.3	180 x 180

Why Silver wire cloth?

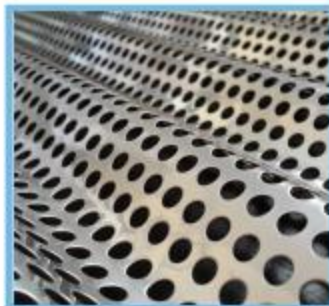
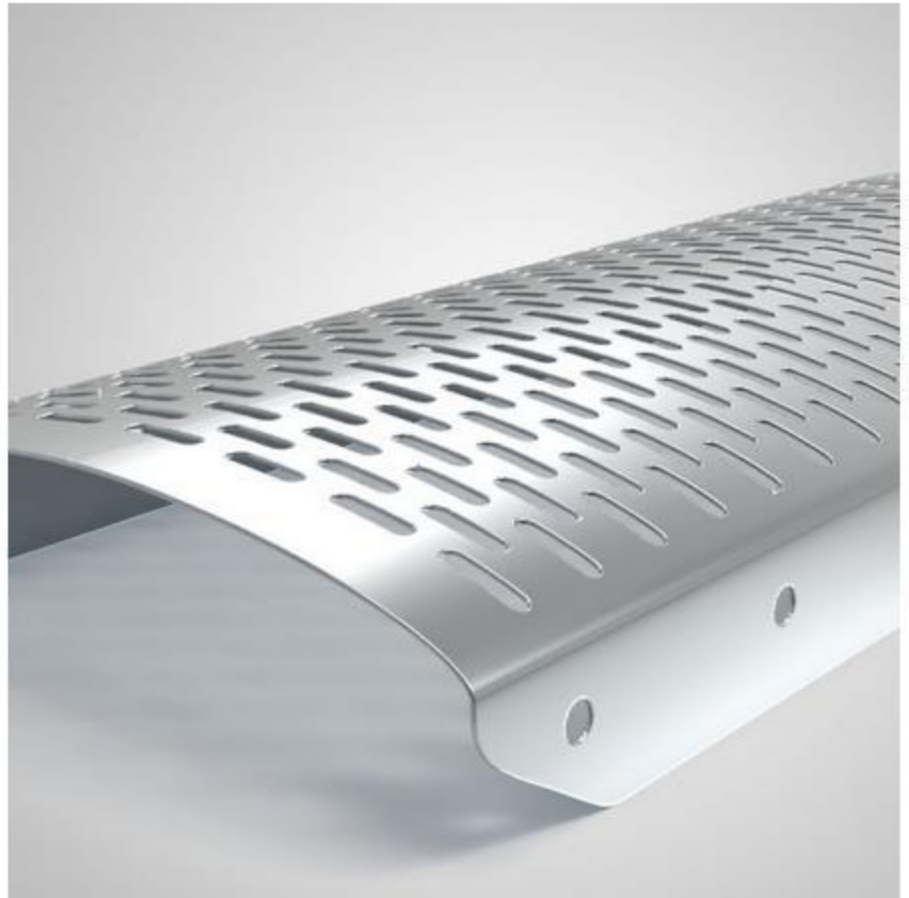
Silver has outstanding chemical stability and ductility with the highest electric and thermal conductivity, these characteristics are significant in the several mesh applications. Silver Mesh screen is commonly utilized in aviation, aerospace, electronic, electric and several other industries. ASTM B742 is settled for use in military.

Silver has extensive electronic applications due to its excellent physical and chemical properties. It is used as electrode in solar cells, electronic gadgets and battery productions. In addition of acting as a good conductor of electricity, it also provides long battery life and high energy to weight ratio. Overall reliable and safe performance. Silver made batteries are used in aerospace and defense applications.



Perforated Metal Sheet

Perforated metal sheet is made with the diverse range of hole sizes and patterns offering an aesthetic appeal. It provides an uninterrupted flow of air, light and liquid while creating an attractive appeal. With wide variety of holes, open area% and high strength to weight ratio, Perforated sheet is used in the endless applications including security, sifting...



Specification of Perforated Metal

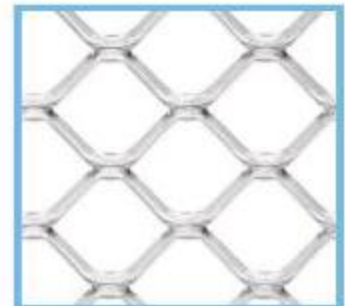
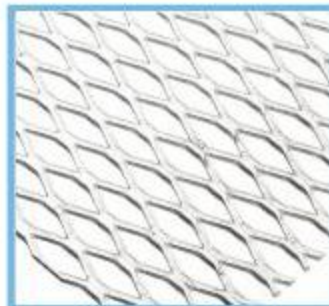
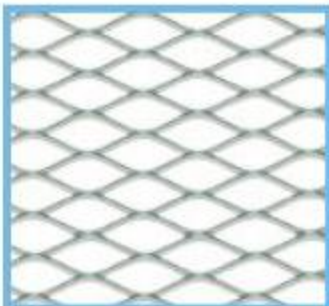
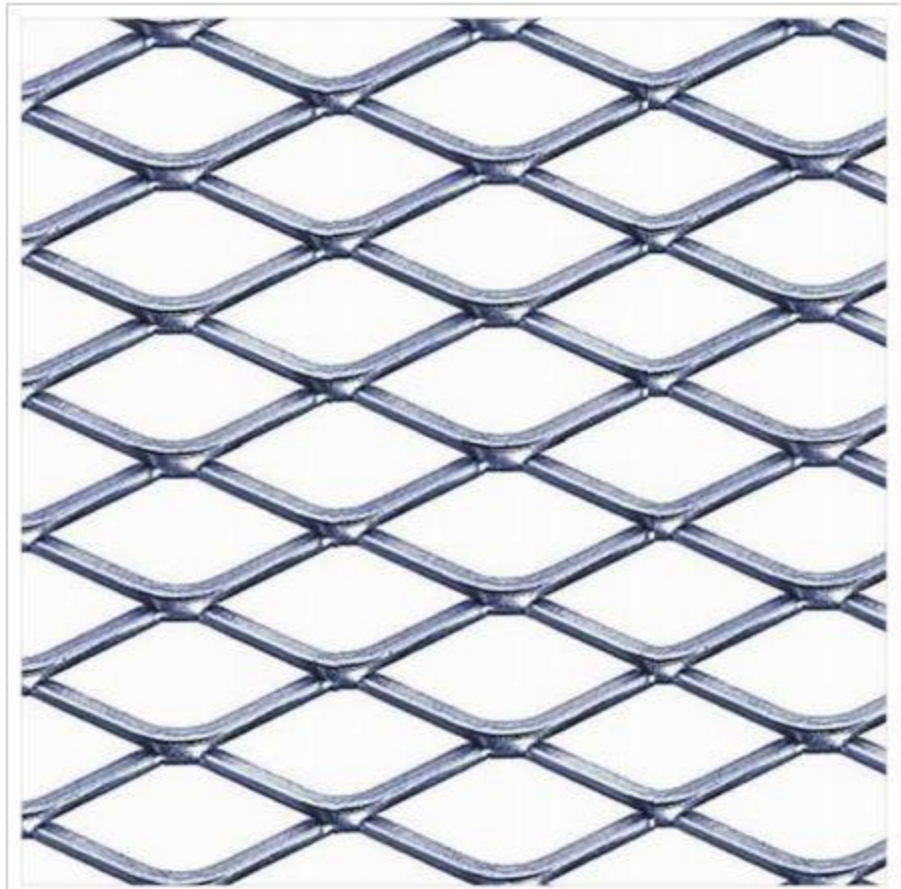
material	thickness (mm)	Aperture (mm)	hole spacing (mm)	wide (m)	length (m)	punching rate (%)	weight (kg/m ²)
Coil sheet	0.2	6	2	1	20	44	0.88
	0.35	5	4	1	20	24	2
	0.45	6	3	1	20	35	2.5
	0.8	3	3	1	20	19.6	3
Flat sheet	0.5	1	1	1	2	19.6	3.14
	0.8	1.5	1.5	1	2	19.6	5
	1.5	2	2	1	2	19.6	9.4
	3	5	16	1	2	19.6	18.8
Flat sheet	0.5	1	1	1	2	19.6	3.14
	0.8	1.5	1.5	1	2	19.6	5
	1.5	2	2	1	2	19.6	9.4
	3	5	16	1	2	19.6	18.8
stainless metal plate	0.5	1	1	1	2	19.6	3.14
	0.8	1.5	1.5	1	2	19.6	5
	1	2	2	1	2	19.6	6.28
	2	5	16	1	2	19.6	6.28
aluminium plate	0.5	1	1	1	2	19.6	1.08
	0.8	3	3	1	2	19.6	1.72
	1.5	2	2	1	2	19.6	3.24
	2	4	16	1	2	19.6	4.23



Expanded Metal Mesh

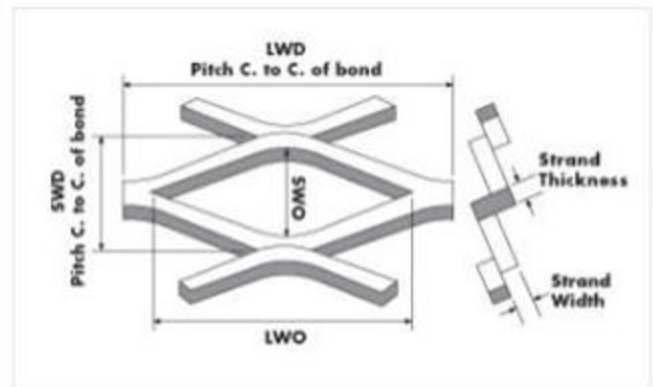
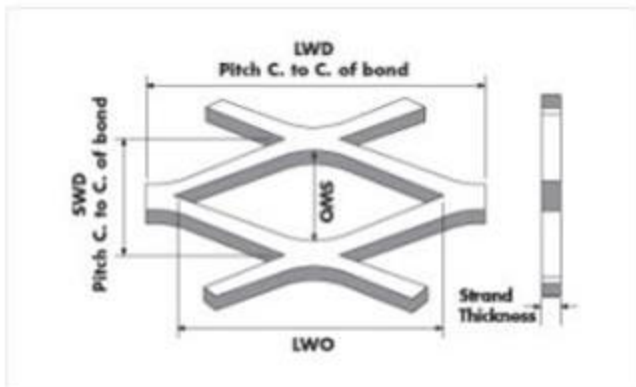
Expanded Metals are made from sheets of solid metals that are slit and stretched with each stroke of the upper die thus forming a raised diamond pattern.

This pattern is called regular or standard. The pattern varies by the gauge and type of material, and the size of the diamond. The sheets of Expanded Metal can also be flattened.



Specification of Expanded Metal Mesh

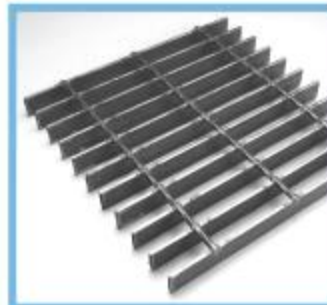
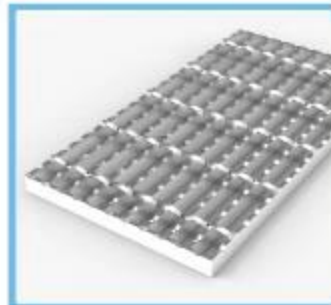
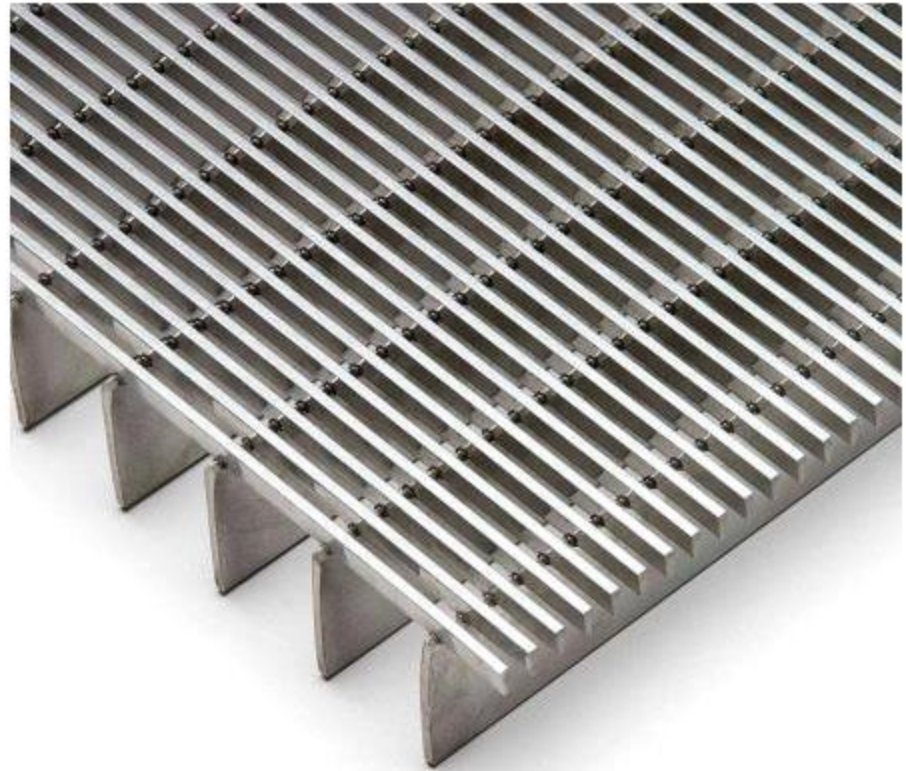
Sheet Thickness	Opening in Width mm	Opening in Length mm	Stem	Roll Width mm	Roll Length mm	Weight kg/m ²
0.5	2.5	4.5	0.5	0.5	1	1.8
0.5	10	25	0.5	0.6	2	0.73
0.6	10	25	1	0.6	2	1
0.8	10	25	1	0.6	2	1.25
1	10	25	1.1	0.6	2	1.77
1	15	40	1.5	2	4	1.85
1.2	10	25	1.1	2	4	2.21
1.2	15	40	1.5	2	4	2.3
1.5	15	40	1.5	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





Grating Metal Sheet

Welded steel stair treads are the most widely used for their strength and ease of installation and are universally used in most industrial and commercial applications. Riveted steel stair treads have a greater load carrying capacity for the same span and depth of bearing bar and greater walking comfort. Both can be ordered with a serrated surface for additional safety.



Specifications List of Steel gratings

No.	Item	Description
1	Bearing bar	25×3, 25×4, 25×4.5, 25×5, 30×3, 30×4, 30×4.5, 30×5, 32×5,40×5, 50×5, 65×5, 75×6, 75×10—100x10mm etc; I bar: 25x5x3, 30x5x3, 32x5x3, 40x5x3 etc US standard: 1"x3/16", 1 1/4"x3/16", 1 1/2"x3/16", 1"x1/4",1 1/4"x1/4", 1 1/2"x1/4", 1"x1/8", 1 1/4"x1/8",1 1/2"x1/8" etc.
2	Bearing bar pitch	12.5, 15, 20, 23.85, 25, 30, 30.16, 30.3,32.5, 34.3, 35, 38.1, 40, 41.25, 60, 80mm etc. US standard: 19-w-4, 15-w-4, 11-w-4, 19-w-2, 15-w-2 etc.
3	Cross bar	5×5, 6×6, 8x8mm (twisted bar or round bar)
4	Cross bar pitch	40, 50, 60, 65, 76, 100, 101.6, 120, 130mm or as customers' requirement.
5	Surface treatment	Black, Hot dip galvanized, Cold dip galvanized, Painted, Powder coated, or as customers' requirement.
6	Flat bar type	Plain, Serrated (tooth-like), I bar (I section)
7	Material standard	ASTM A36, A1011, A569, Q235, S275JR,SS304, Mild steel & Low carbon steel, etc
8	Galvanizing standard	CN: GB/T13912, US: ASTM (A123), UK: BS729







Vibrating screen

Material:SS304,SS304L,SS316,SS316L,
and other SS alloy.

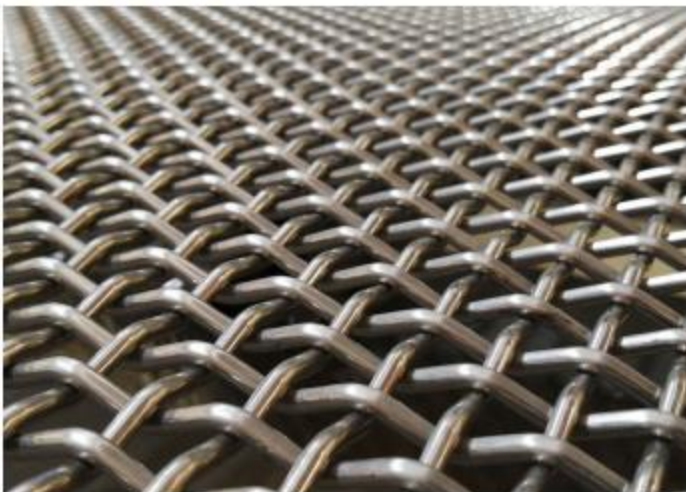
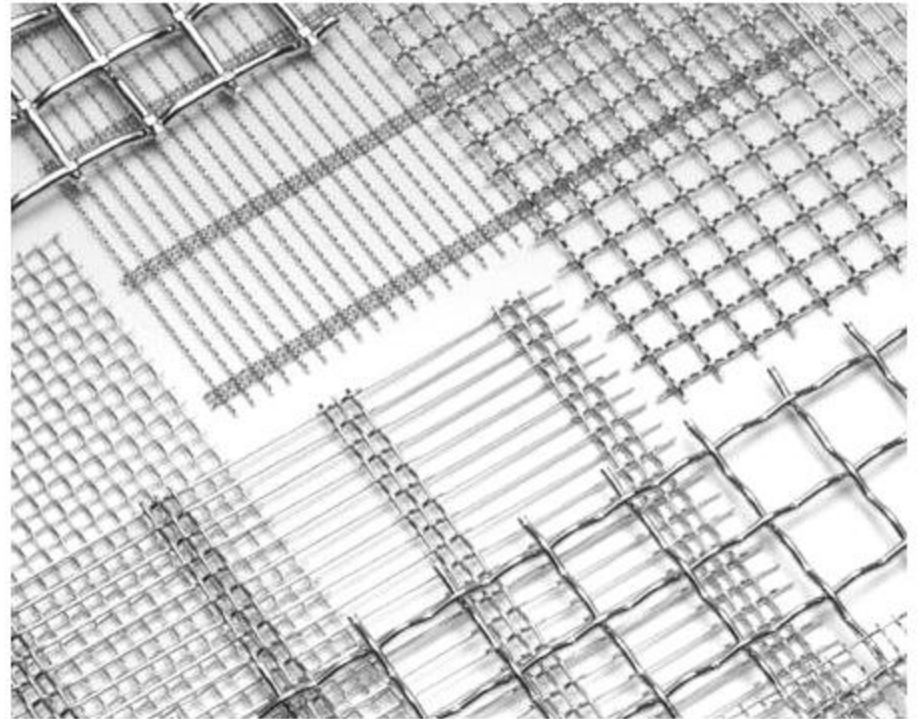
Wire Gauge: 0.8mm to 16mm

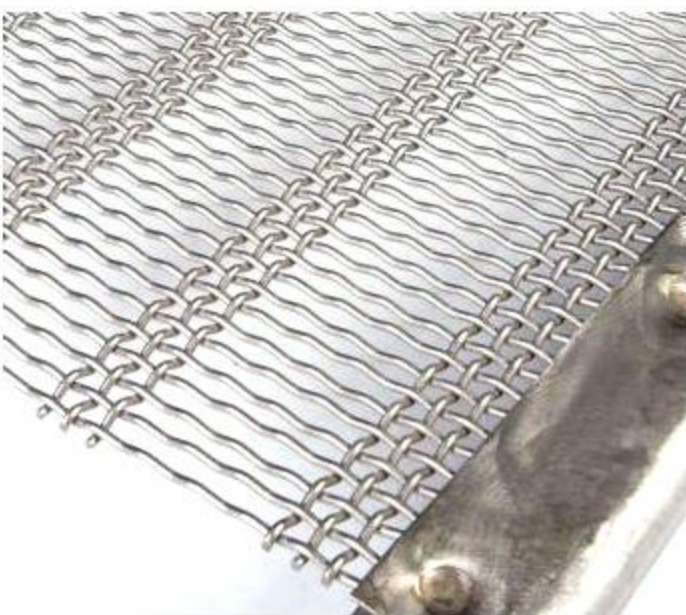
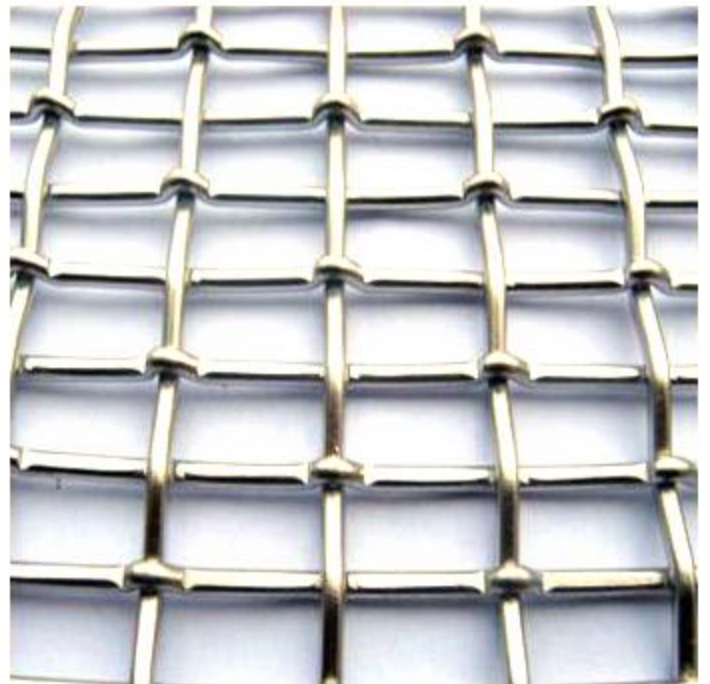
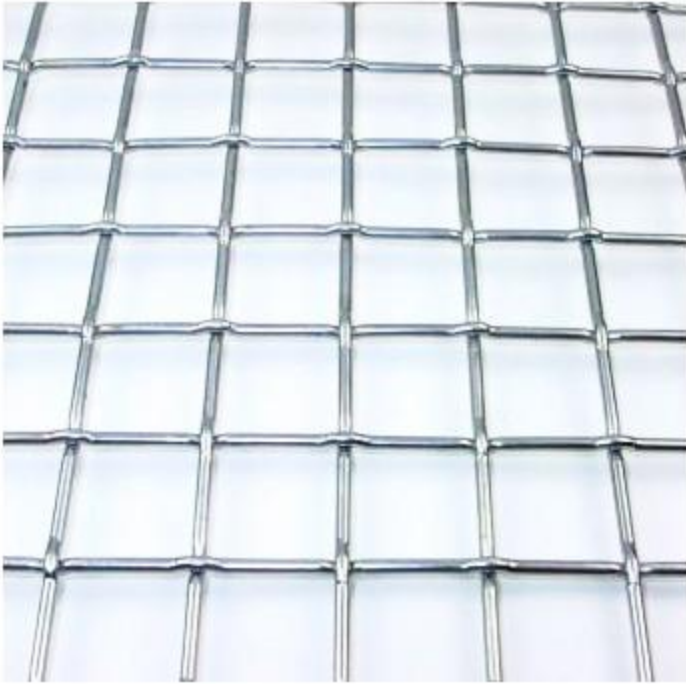
Size: 1mm to 100mm

Weave Type: Single intermediate
crimp screen, double intermediate
crimp screen, lock crimp screen,
flat top screen, pressure welded screen.

Hole type: square, rectangle and long
slot special size can be customized
according to your requirements

Product description: Stainless steel mesh
screen can be widely used in sand, rock,
coal, gavel, metal material screening,
quarry aggregate, mining industries,
road construction industries ,
road construction industries,
asphalt mixing plant and so on.





Mesh	Wire Gauge		Aperture		Percentage of Opening(%)
	inch	mm	inch	mm	
2"	0.116	2.94	1.884	47.86	88.76
2"	0.135	3.42	1.865	47.38	86.99
2"	0.159	4.04	1.841	46.76	84.73
2"	0.212	5.38	1.788	45.42	79.94
1 1/2"	0.104	2.64	1.396	35.46	86.62
1 1/2"	0.135	3.42	1.365	34.68	82.85
1 1/2"	0.159	4.04	1.341	34.06	79.92
1×1	0.08	2.03	0.92	23.37	84.65
1×1	0.116	2.94	0.884	22.46	78.19
1×1	0.135	3.42	0.865	21.98	74.88
2×2	0.047	1.19	0.453	11.51	82.14
2×2	0.072	1.83	0.428	10.87	73.26
2×2	0.104	2.64	0.396	10.06	62.75
2×2	0.12	3.05	0.38	9.65	57.74
3×3	0.054	1.37	0.279	7.1	70.26
3×3	0.072	1.83	0.261	6.64	61.44
3×3	0.08	2.03	0.253	6.44	57.8
4×4	0.028	0.71	0.222	5.64	78.89
4×4	0.047	1.19	0.203	5.16	66.03
4×4	0.063	1.6	0.187	4.75	55.96
4×4	0.08	2.03	0.17	4.32	46.28
5×5	0.035	0.89	0.165	4.19	68.03
5×5	0.047	1.19	0.153	3.89	58.64
5×5	0.063	1.6	0.137	3.48	46.93
6×6	0.035	0.89	0.132	3.34	62.37
6×6	0.041	1.04	0.126	3.19	56.9
6×6	0.047	1.19	0.12	3.04	51.68
6×6	0.063	1.6	0.104	2.63	38.69
8×8	0.017	0.43	0.108	2.75	74.75
8×8	0.028	0.71	0.097	2.47	60.28
8×8	0.035	0.89	0.09	2.29	51.79
8×8	0.047	1.19	0.078	1.99	39.09
10×10	0.017	0.43	0.078	2.11	69.01

截图(Alt + A) 83

Specification

	Wire Gauge		Aperture		Percentage of
	inch	mm	inch	mm	Percentage of
10×10	0.025	0.635	0.075	1.91	56.25
10×10	0.032	0.813	0.068	1.73	46.23
10×10	0.047	1.19	0.053	1.35	28.25
12×12	0.017	0.43	0.066	1.69	63.5
12×12	0.023	0.58	0.06	1.54	52.71
12×12	0.028	0.71	0.055	1.41	44.16
12×12	0.035	0.89	0.048	1.23	33.59
14×14	0.015	0.38	0.056	1.43	62.5
14×14	0.02	0.5	0.052	1.31	52.48
14×14	0.028	0.71	0.043	1.1	37.05
16×16	0.015	0.38	0.048	1.21	57.86
16×16	0.018	0.45	0.045	1.14	51.34
16×16	0.023	0.58	0.04	1.01	40.28
16×16	0.028	0.71	0.035	0.88	30.55
18×18	0.014	0.35	0.042	1.06	56.55
18×18	0.017	0.43	0.039	0.98	48.34
18×18	0.02	0.5	0.036	0.91	41.69
18×18	0.023	0.58	0.033	0.83	34.69
20×20	0.014	0.35	0.036	0.92	52.48
20×20	0.017	0.43	0.033	0.84	43.75
20×20	0.02	0.5	0.03	0.77	36.76
20×20	0.023	0.58	0.027	0.69	29.52

Features	heat resistance, acid resistance, alkali resistance, corrosion resistance, wear resistance, wide structure solid.
Property	Beautiful outlook, firm and durable construction, uniform mesh, fine rust-resisting.
Packing	In rolls, wrapped with waterproof paper then covered with hessian-cloth. Special packing may be arranged if necessary.
Applications Showing	Stainless steel mesh screen can be widely used in sand, rock, coal, gravel, metal material screening, quarry aggregate, mining industries, road construction industries, asphalt mixing plant and so on.

Special sizes can be customized according to your requirements



Carbon Steel Mesh

Material: black wire, spring steel wire, manganese steel wire

Wire diameter: 0.71mm-12.5mm.

Mesh size: 1mm-100mm.

Weave Type:

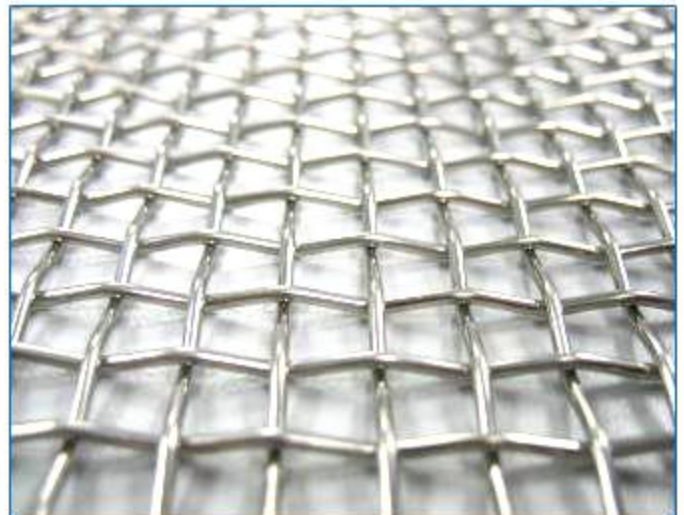
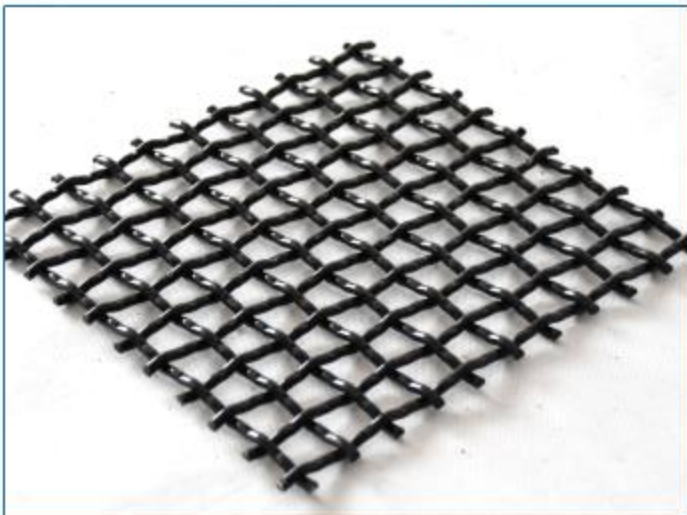
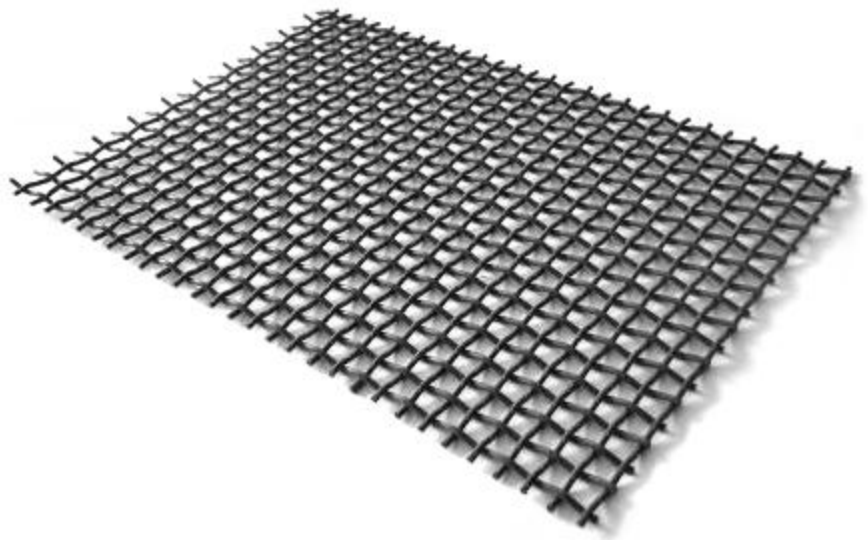
Single intermediate crimp screen, double intermediate crimp screen, lock crimp screen, flat top screen, pressure welded screen.

Hole type: square, rectangular and long slot.

Surface treatment: galvanized or painted.

Product description:

Mainly used as screen mesh, it is widely used in many industries, such as mining screen, quarrying screen, the screen deck, screen, quarrying screen, the screen deck, screen wire for stone crusher; Vibrating screen





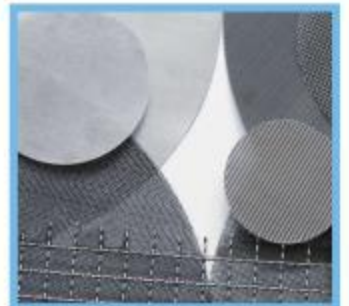
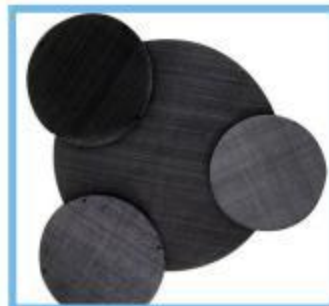
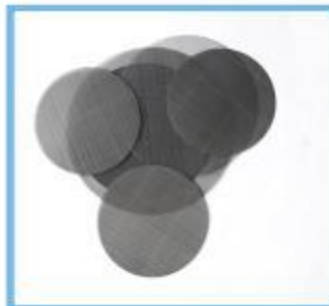
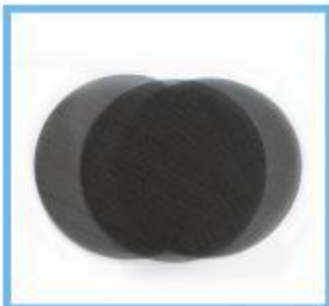
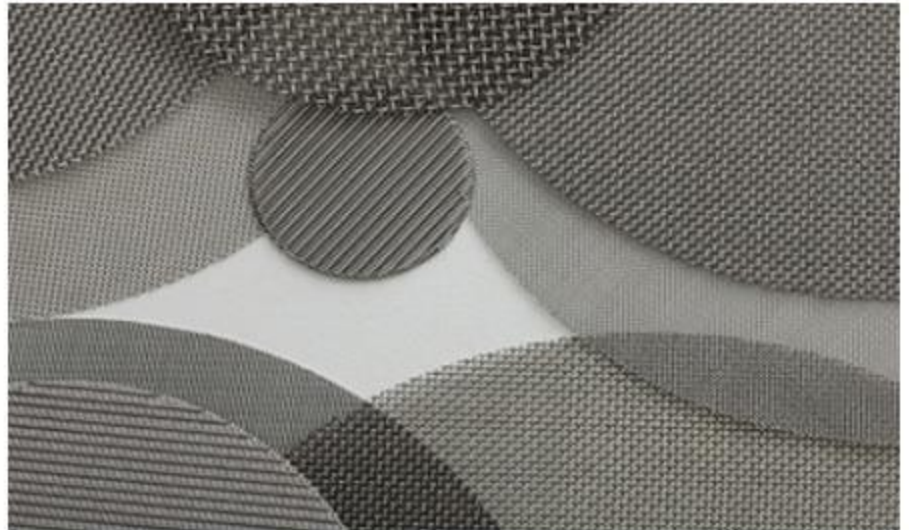
Carbon Steel Mesh



aperture square weave	Medium			Heavy Duty		
	Wire Dia	kg/m ²	OA%	wire Dia	kg/m ²	OA%
2.00				1.37	7.1	35
3.15	2.00	9.9	37	2.50	14.1	31
4.0	2.50	12.2	38	3.05	16.8	32
5.0	2.50	16.6	44	3.05	14.7	38
5.6	3.05	13.7	41	4.00	21.2	34
6.35	3.05	12.6	46	4.00	19.6	38
6.8	3.05	10.0	44	4.00	19.7	37
7.1	3.05	11.9	48	4.00	18.3	41
8	4.00	16.9	44	5.00	24.4	38
9	4.00	15.6	48	5.00	22.7	44
10	4.00	14.5	51	5.00	21.2	44
11.2	5.00	19.6	48	5.60	28.6	44
12.5	5.00	18.1	51	5.60	20.0	47
14	0.12	3.05	0.38	9.65	57.74	
	0.054	1.37	0.279	7.1	70.26	
5.00	20.0	51	6.80	24.6	48	
16	0.08	2.03	0.253	6.44	57.8	
	0.028	0.71	0.222	5.64	78.89	
5.60	19.5	56	6.80	22.6	51	
18	6.80	20.7	55	7.10	25.0	51
20	6.80	19.2	58	7.10	24.0	54
22	7.10	21.5	57	8.00	26.7	54
25	7.10	20.1	60	8.00	24.6	57
28	8.00	19.0	61	9.00	27.8	57
32	9.00	26.0	60	10.00	30.4	58
38	9.00	28.1	64	10.00	27.9	61
40	10.00	25.4	64	11.20	31.1	61
45	10.00	23.4	67	11.20	28.4	64
50	11.20	26.0	67	12.50	31.8	64
56	11.20	28.7	69	12.50	29.0	67
63	11.20	24.5	72	12.50	25.1	70
76.2	11.20	16.0	75	12.50	20.0	73
80	11.20	17.5	72	12.50	21.5	75
90	11.20	15.7	79	12.70	19.4	77
100	11.20	14.3	81	12.70	17.6	79

Steel Wire Mesh Discs

Low carbon steel wire mesh is the most common plain steel alloy used in manufacturing industrial wire cloth screens due to its tensile strength and high impact resistance. Primarily comprised of iron, low carbon grades 1005, 1006, and 1008 are the most frequently used, and contain small percentages of carbon (0.0-0.1%)

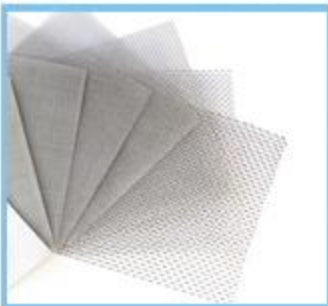
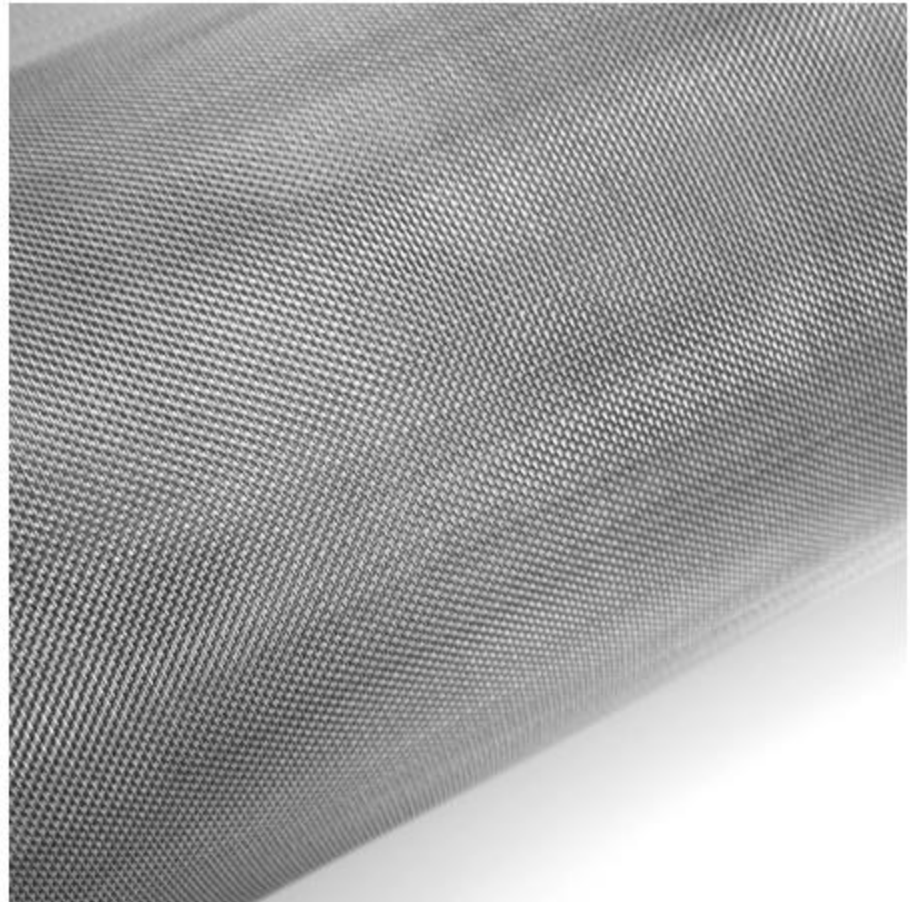


Steel Wire Mesh Discs-Typical Chemistry

Mesh(Mesh/Inch)	Guage(#)	Wire Dia.(mm)	Opening(mm)
10	23	0.61	1.93
12	24	0.55	1.566
14	25	0.51	1.30
16	26	0.45	1.13
18	29	0.35	1.06
20	26	0.46	0.81
20	27	0.416	0.85
20	31	0.295	0.97
24	29	0.35	0.708
30	31	0.295	0.55
30	30	0.315	0.53
30	35	0.213	0.63
40	32	0.274	0.36
40	33	0.254	0.38
40	34	0.234	0.40
40	35	0.213	0.42
40	36	0.193	0.442
50	34	0.234	0.274
50	35	0.213	0.29
50	36	0.193	0.31
50	37	0.172	0.33
56	36	0.193	0.26
56	37	0.172	0.281
56	38	0.152	0.30
60	37	0.172	0.25
60	38	0.152	0.27
80	39	0.132	0.18

Aluminium Wire Mesh

Aluminum wire mesh is plain square weave mesh sheet from high quality aluminum wire. It is corrosion resistant like stainless steel mesh, but much lighter and softer than stainless steel.





Aluminium wire mesh-Typical Chemistry

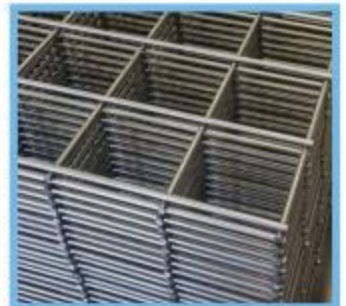
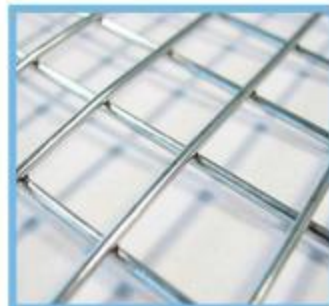
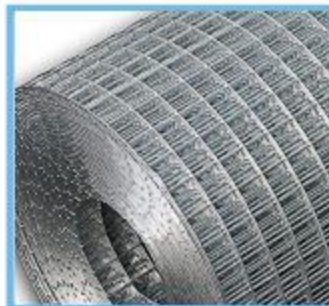
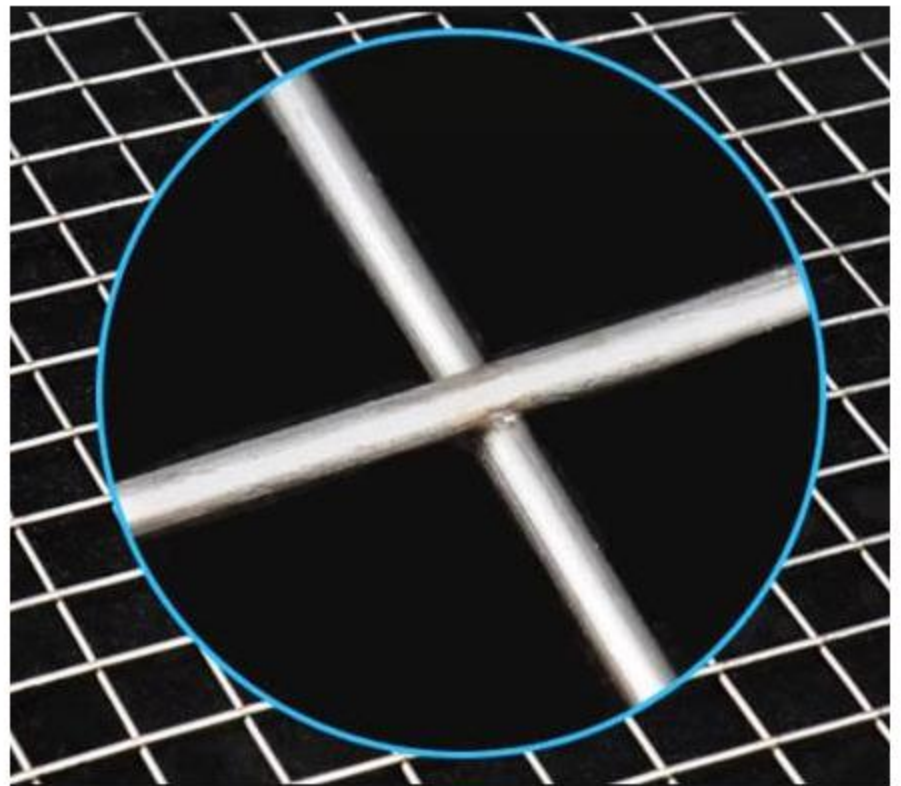
Wire Diameter (mm)	Aperture (mm)	Mesh	Length (m)	Width (m)
4.00	40	0.58	30	0.5 – 1.5
4.00	30	0.75	30	0.5 – 1.5
3.2	25	0.87	30	0.5 – 1.5
3.2	20	1.1	30	0.5 – 1.5
2.6	20	1.12	30	0.5 – 1.5
2.0	12	1.8	30	0.5 – 1.5
1.8	7	3	30	0.5 – 1.5
1.8	6	3.25	30	0.5 – 1.5
1.6	7	3	30	0.5 – 1.5
1.6	3	5.5	30	0.5 – 1.5
1.4	4	4.7	30	0.5 – 1.5
1.2	8	2.7	30	0.5 – 1.5
1.2	6	3.5	30	0.5 – 1.5
1.0	5	4.25	30	0.5 – 1.5
0.8	2	9	30	0.5 – 1.5
0.5	0.9	18	30	0.5 – 1.5
0.4	0.87	20	50	0.5 – 1.5
0.35	0.80	22	50	0.5 – 1.5
0.3	0.76	24	50	0.5 – 1.5
0.25	0.73	26	50	0.5 – 1.5
0.25	0.60	30	50	0.5 – 1.5
0.25	0.39	40	50	0.5 – 1.5
0.2	0.31	50	50	0.5 – 1.5
0.1	0.11	120	50	0.5 – 1.5
0.055	0.072	200	50	0.5 – 1.5



Welded Wire Mesh

Welded wire mesh spacing can be expressed by measuring from the center of two wires (Center to Center) or by measuring the opening between two wires (Clear Opening).

We can manufacture standard and custom welded wire mesh with a square mesh spacing range from 1' to as large as may be required. Rectangular mesh spacing ranges from 1/2' x up to as long as may be required.



Welded Wire Mesh - Typical Chemistry

Opening		Wire diameter
Inch	mm	BWG
1/4" x 1/4"	6.4mm x 6.4mm	22,23,24
3/8"x3/8"	9.5mm x 9.5mm	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

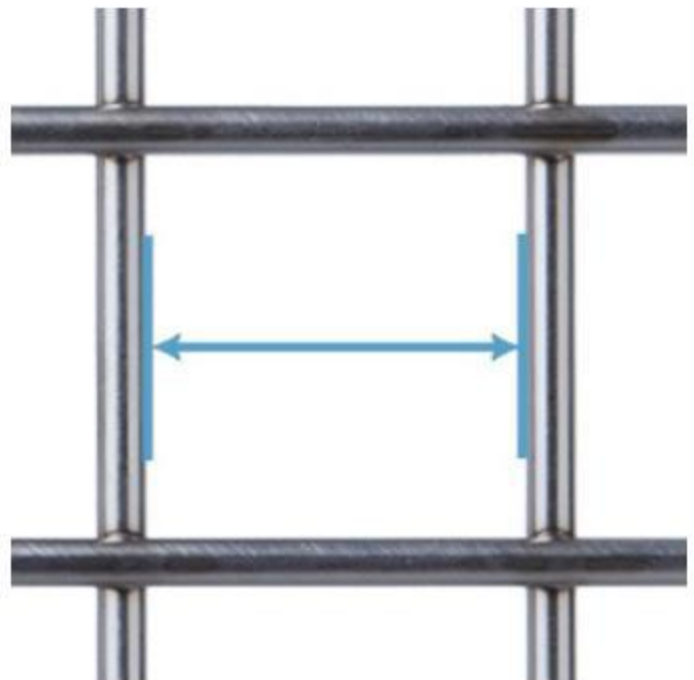
2. Special sizes available at request

3. Packing: in waterproof paper in rolls. Custom packing available at request

Center to Center



Clear Opening

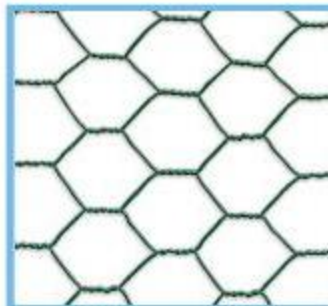
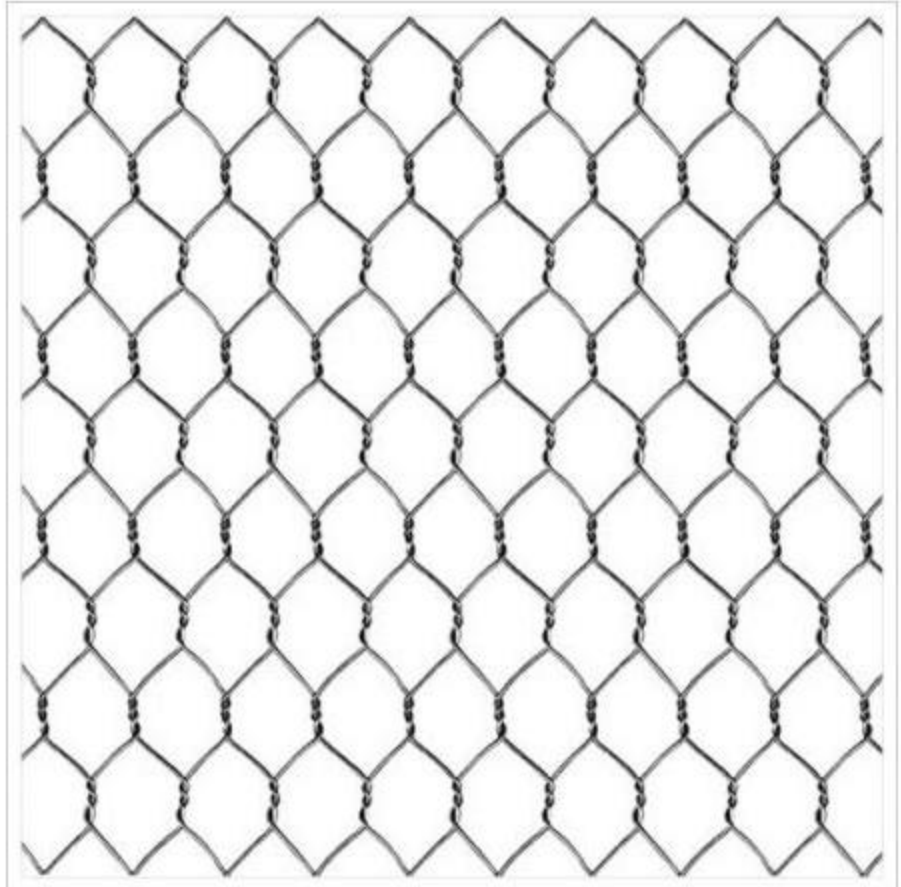


Hexagonal Wire Mesh

Hexagonal Wire Mesh is a galvanized steel wire, woven to form a hexagonal shaped mesh. This product is used in fencing poultry livestock, to wrap agricultural seedlings i.e. palm nut seedlings, and also used in trays made for fish smoking etc.

Aperture: 1/2" .3/4"

Wire Gauge:0.5mm-4.0mm



Hexagonal Wire Mesh

Opening		Wire diameter
Inch	mm	BWG
1/4" x 1/4"	6.4mm x 6.4mm	22,23,24
3/8"x3/8"	9.5mm x 9.5mm	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. Custom packing available at request



Barbed Wire

Material: Stainless steel wire,
Galvanized steel wire, Iron wire,
steel wire.

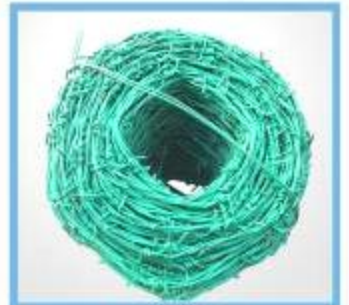
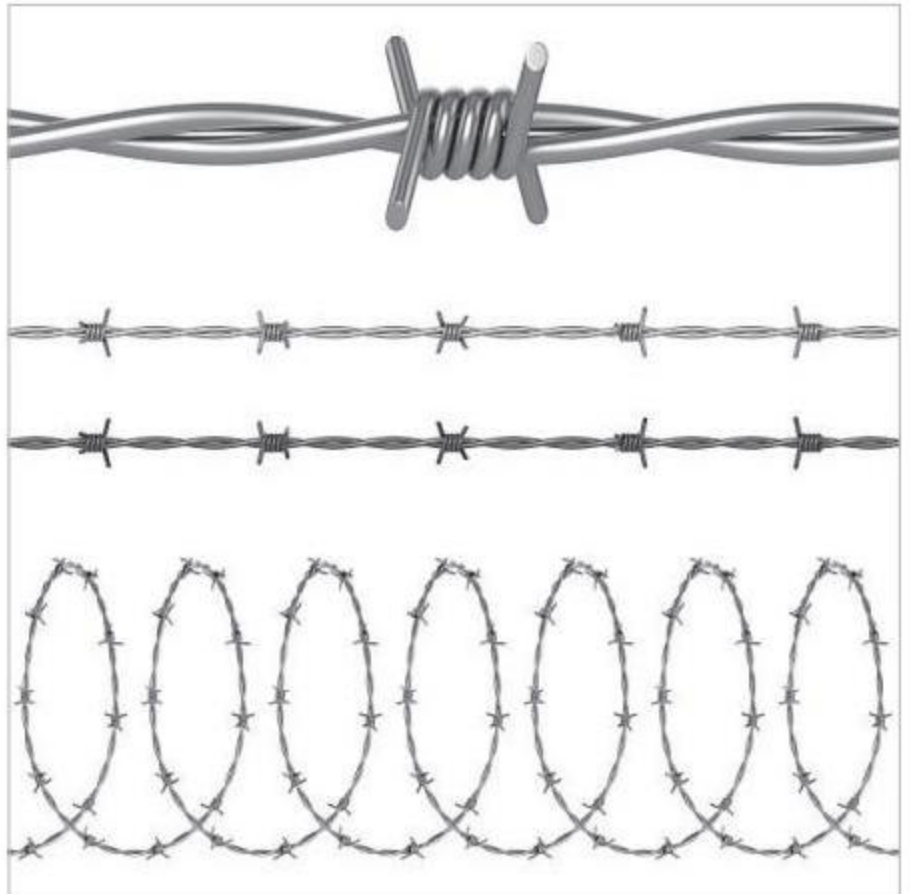
Common specs:10#x 10#,12#x12#,
12#x14#,14#x14#,14#x16#,16#x16#,
16#x18#

Barbed distance:7.5-15/cm

Barbed length :1.5-3/cm

Surface treatment:

Electric Galvanized, Hot-dipped
galvanized,PVC coated.



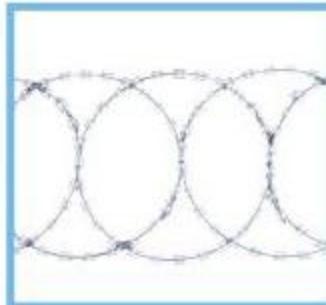
Barbed Wire

B.W.G	3"	4"	5"	6"
12x12	6.0617	6.759	7.27	7.6376
12x14	7.3335	7.9051	8.3015	8.5741
12-1/2x12-1/2	6.9223	7.719	8.3022	8.7221
12-1/2x14	8.1096	8.814	9.2242	9.562
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	11.659	12.5423	13.1752
14-1/2x14-1/2	11.9875	13.3671	14.3781	15.1034
15x15	13.8927	15.4942	16.6666	17.507
15-1/2x15-1/2	15.3491	17.1144	18.406	19.3386



Razor Barbed Wire

Razor barbed tape is a kind of modern security fencing materials fabricated with razor-sharp steel blade and high-tensile wire. Barbed Tape can be installed to achieve the result of frightening and stopping to the aggressive perimeter intruders, with piecing and cutting razor blades mounted at the top of the wall, also the special designs making climbing and touching extremely difficult.



Key Products

Uses: medical disinfection, pasta, meat barbecue, household flower baskets, fruit baskets, vegetable baskets, dish baskets, cook-ware racks, hangers, various supermarket baskets, turnover boxes; hotel food racks; low baskets for office use, File baskets, newspaper racks, pet cages, etc.



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STORAGE

2000 m storage
warehouse

**STORAGE
WAREHOUSE**

06
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