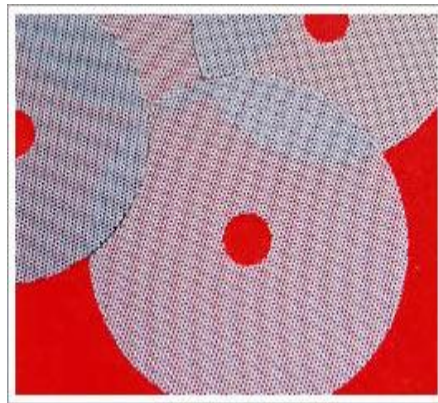
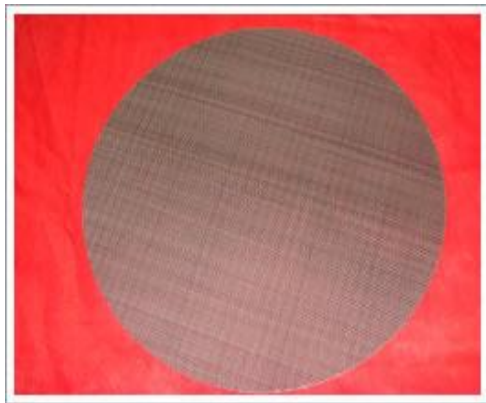


## Stainless Steel filters

We can supply filter discs made of metal wire mesh in single layer or multi-layer. Double layer or three layer, Can be classified into round, square, kidney shape, oval and other special shapes according to the outside designs. Materials Applied: Stainless steel wire mesh, wire cloth.

Disc Diameter: From 5mm to 600mm. Applications of Filter Discs: Filter discs are mainly used in the absorption, evaporation and filtration process in petroleum, chemical, medicine, metallurgy, machinery, ship and automobiles to delete the mist drop or liquid foam or used as air filter in cars and trucks.

We can also process wire mesh pack filters of rectangular or square, ring type wire belt and other filter fittings according to the specific requirements of the customers.

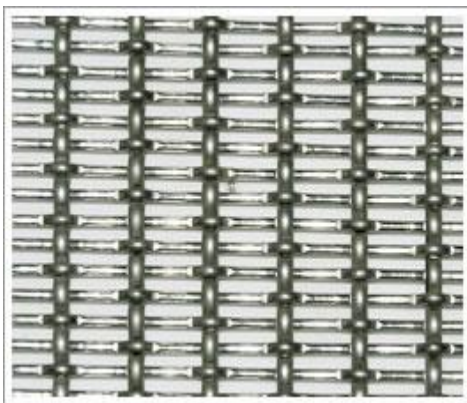
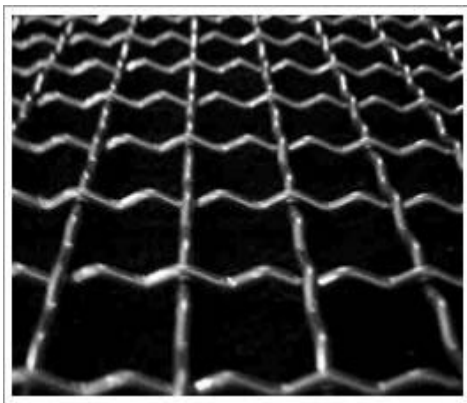


## Stainless Steel Crimped Mesh

**Wire Materials:** stainless steel wire.

**Weaving Patterns:** Weaving after crimping.

**General Use:** Screening in mine, coal factory, construction and other industries. Some galvanized crimped wire mesh and stainless steel crimped wire mesh are for roasting of flour food and meat.



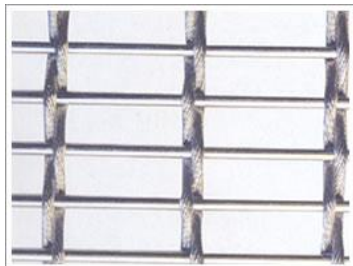
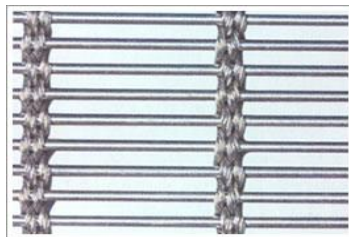
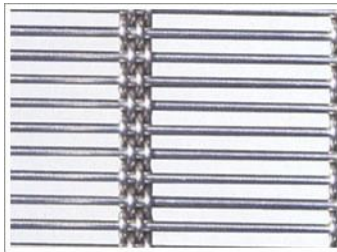
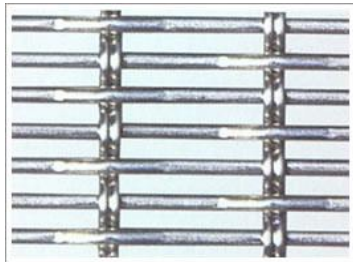
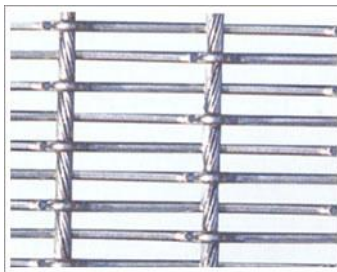
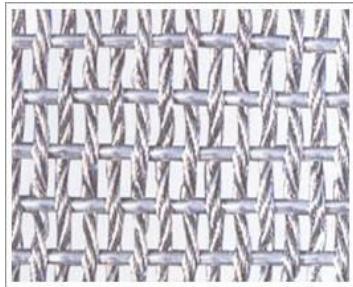
**Table of Stainless Steel Crimped Mesh**

Wire Gauge SWG	Wire Diameter mm	Mesh/Inch	Aperture mm	Weight kg/m <sup>2</sup>
14	2.0	21	1	4.2
8	4.05	18	1	15
25	0.50	20	0.61	2.6
23	0.61	18	0.8	3.4
24	0.55	16	0.1	2.5
24	0.55	14	0.12	4
22	0.71	12	0.14	2.94
19	1	2.3	0.18	1.45
6	4.8	1.2	2	20
6	4.8	1	2	20
6	4.8	0.7	3	14
14	2.0	5.08	0.3	12
14	2.0	2.1	1	2.5
14	2.0	3.6	1.5	1.9

## Stainless Steel Decorative Mesh

Stainless Steel Decorative Wire Mesh, for a broad range of applications, is woven to order in Stainless Steel. Galvanized steel mesh is available in a limited number of specifications. Architectural Mesh for Architecture and Design combines functionality with high aesthetic features. A combination opens new perspectives to creative design and allow for fascinating architectural solutions. Due to their multiple functional and aesthetic qualities, the meshes are suitable for various applications in architecture and interior design.

Facade: Our product can be used as facade construction, protective guardrails, parking garage facades, sound absorption and sun protection. Because the weaving procedure extra long panels can be taut from grand floor to the roof. Unusual facade designs can be realized.



## **Stainless Steel Welded Mesh**

Stainless steel welded wire mesh is durable and strong, the material wire is rust resistant, corrosion resistant and also anti-chemicals, which could be exposed to corrosion for a long time. Because of its natural properties, stainless steel welded wire mesh need no additional finish procedures to protect it.

**Material:** stainless steel welded wire mesh is usually made of mild steel, bright annealed mild steel, galvanized steel and stainless steel wires.

**Features:** Compared with other wire meshes, stainless steel welded mesh has many good properties, such as strong structure, anti-corrosion and anti-rust, it is not easy to loosen even be cut into parts or exerted force on the parts.

**Application:** stainless steel welded wire mesh could be widely used in fishery industry, food drying, marine use, rodent proofing, cages for animals, decoration and so on.

**Specification:**

Roll Width: 24inch, 36inch, 1metre, 48inch, or 72inch.

Roll Length: 100 feet or 150 feet.

**Note:** other roll width or roll length can be made according to request.

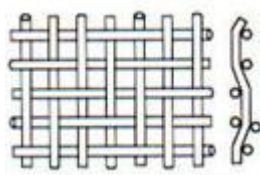




## Table of Stainless Steel Welded Mesh

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. Custom packing available at request.		

## Twill Weave Cloth



Each weft wire passes over two and under two warp wires, and each warp wire passes over and under two weft wires. The wire diameter for both (warp and weft) is mostly the same.

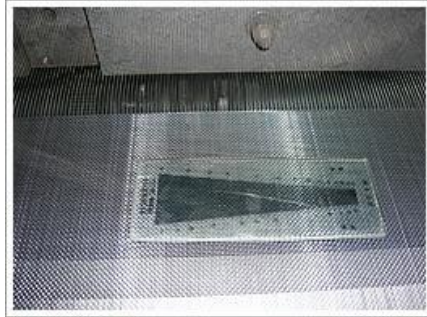
Characteristics: square aperture, less rigid than plain weave, especially suitable for deforming, strong wire cloth due to ratio of wire diameter and aperture, it is mostly used for filtration less than 63 $\mu$ m .



## Table of Twill Weave Cloth

Mesh Count Warp x Weft	Wire Dia mm	Wire Dia inch	Aperture mm	Aperture inch	Micron Rating
100 x 100	0.1250	0.0049	0.1295	0.0051	130
120 x 120	0.0939	0.0037	0.1168	0.0046	117
165 x 165	0.0482	0.0019	0.1041	0.0041	104
200 x 200	0.0584	0.0023	0.0685	0.0027	68
250 x 250	0.0533	0.0021	0.0482	0.0019	48
300 x 300	0.0355	0.0014	0.0482	0.0019	48
300 x 300	0.0400	0.0016	0.0431	0.0017	45
325 x 325	0.0355	0.0014	0.0406	0.0016	41
350 x 350	0.0304	0.0012	0.0431	0.0017	43
400 x 400	0.0304	0.0012	0.0330	0.0013	33
500 x 500	0.0254	0.0010	0.0253	0.0010	25

## Plain Weave Cloth



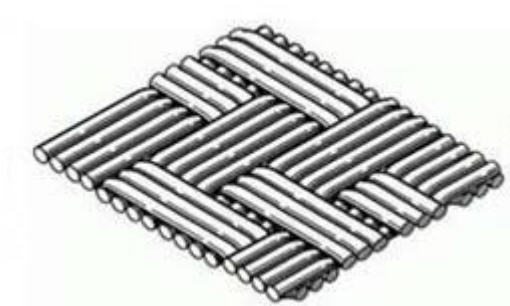
Mesh/Inch	Wire Diameter		Aperture		Open Area	Weight(LB) /100 Square Foot
	Inch	MM	Inch	MM		
1x1	.080	2.03	.920	23.37	84.6	41.1
2X2	.063	1.60	.437	11.10	76.4	51.2
3X3	.054	1.37	.279	7.09	70.1	56.7
4X4	.063	1.60	.187	4.75	56.0	104.8
4X4	.047	1.19	.203	5.16	65.9	57.6
5X5	.041	1.04	.159	4.04	63.2	54.9
6X6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



## Plain Weave Cloth

Mesh/Inch	Wire Diameter		Aperture		Open Area	Weight(LB) /100 Square Foot
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

Five-heddle Dutch Woven Cloth



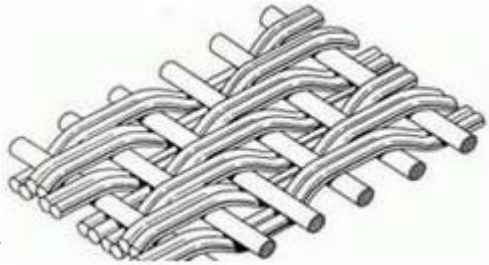
Stainless Steel Wire Cloth, Five-heddle Weave

Five Heddle Weave: A limited sizes are available.

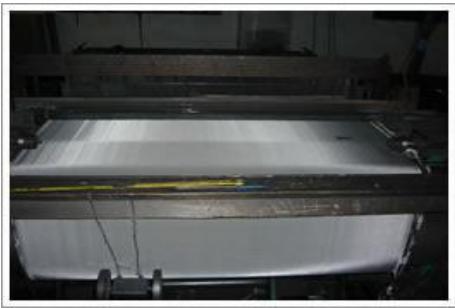
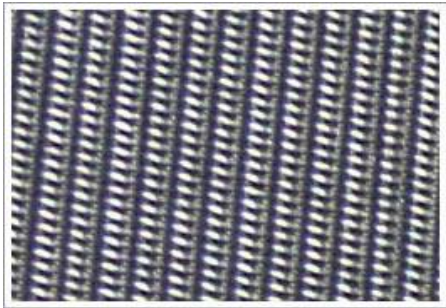
Meshes per inch (25.4mm) Warp x Weft	Wire Diameter (mm)	Aperture (mm) Warp x Weft	Open Area %	Weight (kg/m <sup>2</sup> )
108 X 59	0.160	0.075 X 0.271	20	1.07
110 X 60	0.160	0.071 X 0.263	19	1.09
38 X 38	0.150	0.518 X 0.518	60	0.43

## Reverse Dutch Weave Cloth

The apparent difference of Reverse Dutch Weaving compared with standard Dutch weave lies in the thicker warp wires and less weft wires. Reverse Dutch woven stainless steel wire cloth offers finer filtration and finds popular application in petroleum, chemical, food, pharmacy and other fields.



Through constant technological innovation and improvement, we can produce stainless steel wire mesh of various specifications in reverse Dutch weaving patterns.



Mesh Count Warp x Weft	Wire Dia mm Warp x Weft	Wire Dia inch Warp x Weft	Open Area %	Micron Rating
63 x 18	0.4000 x 0.6000	0.0157 x 0.0236	60	220
107 x 20	0.2400 x 0.6000	0.0094 x 0.0236	58	210
170 x 40	0.2000 x 0.4500	0.0079 x 0.0177	58	130
132 x 32	0.2000 x 0.4000	0.0079 x 0.0157	55	105
171 x 46	0.1500 x 0.3000	0.0059 x 0.0118	54	85
290 x 75	0.0900 x 0.2000	0.0035 x 0.0079	53	55
615 x 102	0.0400 x 0.1600	0.0157 x 0.0063	41	42
615 x 130	0.0400 x 0.1300	0.0157 x 0.0051	49	22
720 x 150	0.0360 x 0.1000	0.0014 x 0.0039	54	17