



## ANPING COUNTY **ANYANG** WIRE MESH CO.,LTD.

Stainless steel woven wire mesh mainly used for the filtration and screening of gas, liquid and solid, the separation of media and so on.

### Stainless Steel Plain Weave Wire Mesh

Stainless Steel Plain Weave Wire Mesh Specifications:

Specifications of plain weave stainless steel wire mesh:

Materials: 302, 304, 304L, 310, 316, 316L, 321, 410, 410L, super duplex stainless steel, duplex stainless steel or customized.

- 304 stainless steel: Most common stainless alloy used in wire weaving. Excellent corrosion properties and can withstand temperatures of 1100 Degrees F.
- 304L stainless steel: Similar properties as 304ss but lower carbon content to permit better welding.
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- 316 stainless steel: Similar properties to 304ss but is stabilized by the addition of Molybdenum for increased resistance to chemical corrosion.
- 316L stainless steel: Similar properties as 316ss but lower carbon content to permit better welding.

Hole patterns: square, rectangle.

Surface treatment: pickling and passivation, polishing.

<b>Specifications of Plain Weave Stainless Steel Wire Mesh</b>			
<b>Mesh</b>	<b>Wire Diameter (mm)</b>	<b>Opening (mm)</b>	<b>Weight (kg/m<sup>2</sup>)</b>
1	2	23.4	2
2	1.5	11.2	2.25
3	1	7.466	1.5
4	0.9	5.45	1.62
5	0.8	4.28	1.6
6	0.7	3.53	1.47
7	0.6	3.02	1.26
8	0.5	2.675	1

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9	0.5	2.322	1.125
10	0.8	1.74	3.2
11	0.7	1.609	2.695
12	0.6	1.516	2.16
13	0.5	1.453	1.625
14	0.4	1.414	1.12
15	0.4	1.293	1.2
16	0.35	1.237	0.98
17	0.35	1.144	1.041
18	0.35	1.061	1.1
19	0.35	0.986	1.16
20	0.4	0.97	0.97
21	0.3	0.909	0.945
22	0.3	0.854	0.99
23	0.25	0.854	0.718
24	0.25	0.858	0.48
25	0.2	0.816	0.5
26	0.2	0.076	0.52
27	0.2	0.74	0.54
28	0.3	0.607	1.26
29	0.3	0.575	1.3
30	0.3	0.546	1.35
40	0.25	0.385	1.25
50	0.2	0.308	1
60	0.15	0.273	0.675
70	0.14	0.222	0.686
80	0.12	0.197	0.576
90	0.11	0.172	0.544
100	0.1	0.154	0.5
120	0.08	0.131	0.384
150	0.07	0.099	0.367
380	0.02	0.046	0.076
400	0.018	0.0455	0.0648

Stainless Steel Plain Weave Wire Mesh Features:

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Excellent acid, alkali, and corrosion resistance;

Resist to high temperature and rust;

Durable and good strength and toughness;

Flat and beautiful surface and easy to clean.

### **Stainless Steel Plain Weave Wire Mesh Applications:**

Stainless steel wire cloth can be used for filter, sieve, ,Made into filter, sieve, insect screen and serve in electroplating;

Designed into fruits and vegetables basket, infill panels;

Widely used in mining,oil, plastic, fiber, food, medicine industries etc.

### **Stainless Steel Plain Weave Wire Mesh Packing:**

Rolls wrapped with craft paper and then put into carton or on pallet;

Sheets in wooden boxes or on pallets.