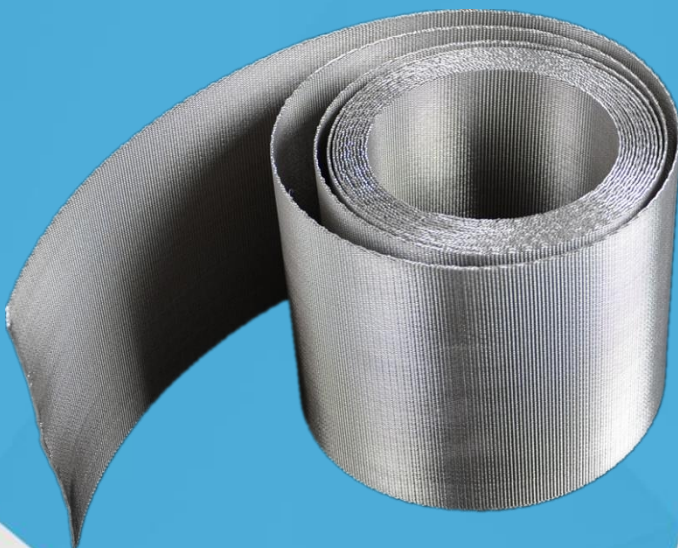


Stainless Steel Wire Mesh



MIT *International
Technology*
Hebei Metal Enterprise Co.,Ltd.

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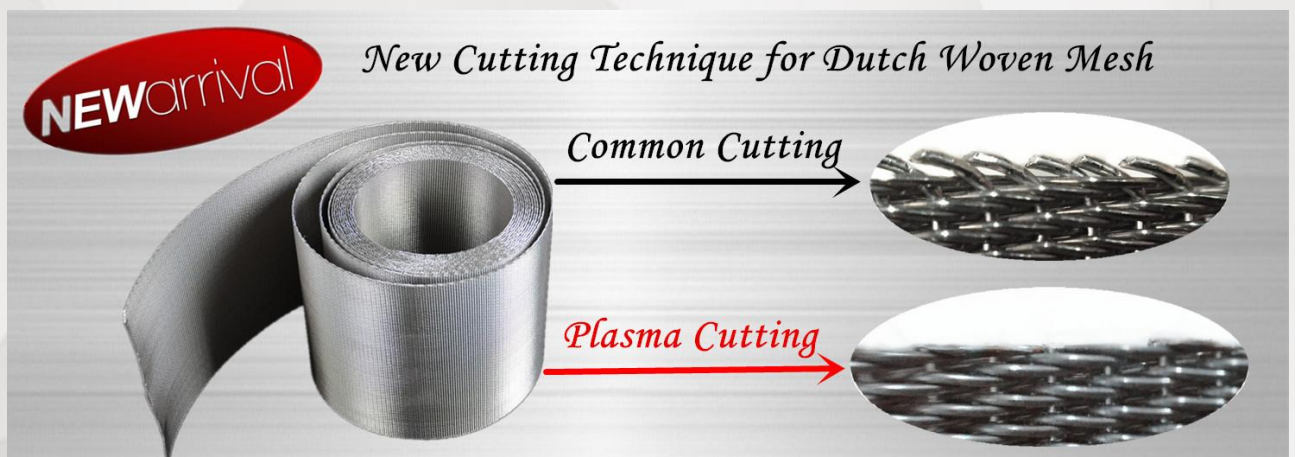


1 Brief Introduce

Stainless Steel Wire Mesh is widely used in filtration, screening, ventilation, drying, purification or separation in numerous sectors all over the world. Because its characteristics of wear-resisting, heat-resisting, acid-resisting and corrosion-resisting.

The industries we supply range from the food industry, the chemical, pharmaceutical, environmental and primary industries, classical machine and plant construction, the consumer goods industry, right through to the aerospace industry.

In all industries we provide our customers with the very highest standard of consulting on the application of technical mesh. We always offer you the ideal products for the respective application.

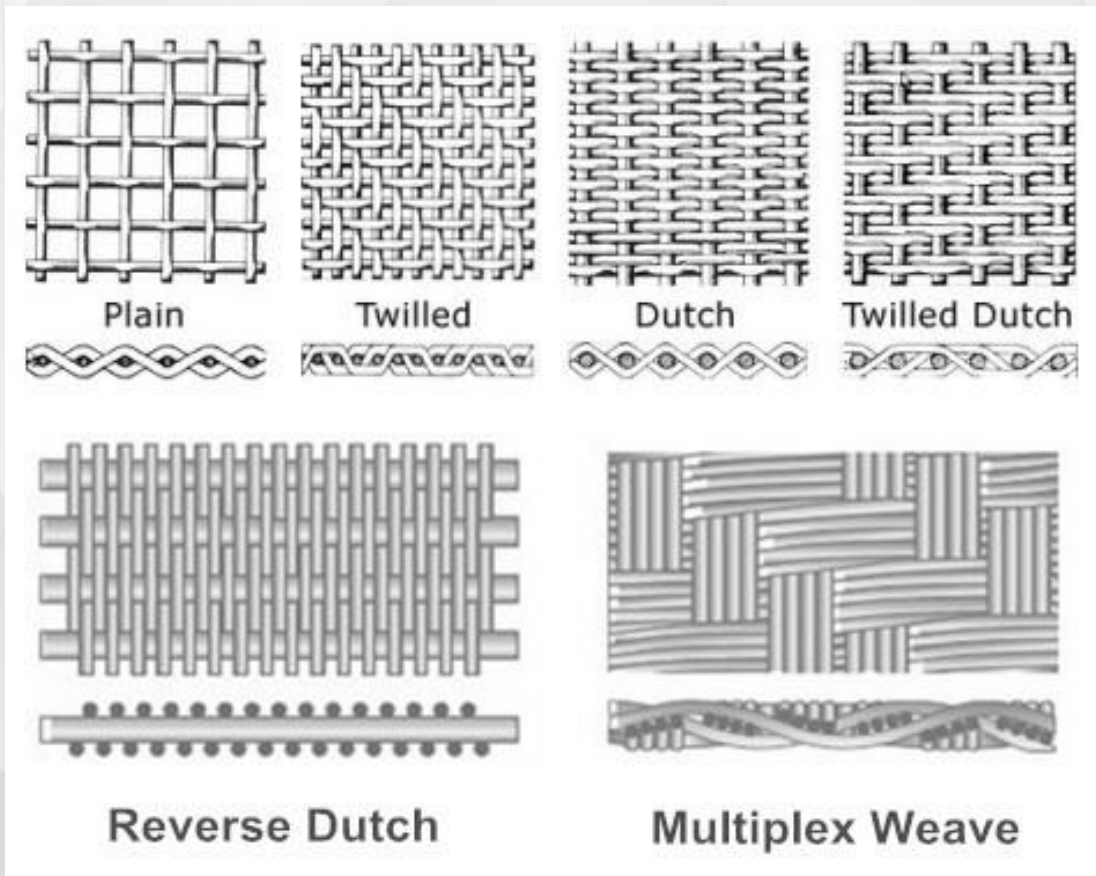


2 Specifications

Material: SS 302,304,316,304L,316L,310,430 etc.

AISI Type	Chemical Composition (%)											
	C Max.	Mn Max.	Cr	MO	Ni	Fe	Si Max.	P Max.	S Max.	Al	Cu	Zn
304	0.08	2.0	18.0-20.0	--	8.0-10.5	BAL	1.0	0.045	0.03	--	--	--
304L	0.03	2.0	18.0-20.0	--	8.0-12.0	BAL	1.0	0.045	0.03	--	--	--
306	0.08	2.0	16.0-18.0	2.0-3.0	10.0-14.0	BAL	1.0	0.045	0.03	--	--	--
306L	0.03	2.0	16.0-18.0	2.0-3.0	10.0-14.0	BAL	1.0	0.045	0.03	--	--	--
317	0.08	2.0	18.0-20.0	3.0-4.0	11.0-15.0	BAL	1.0	0.04	0.03	--	--	--
321	0.08	2.0	17.0-19.0	--	9.0-12.0	BAL	1.0	0.045	0.03	--	--	--
330	0.08	2.0	17.0-20.0	--	34.0-37.0	BAL	1.0	0.03	0.03	--	1	--
347	0.08	2.0	17.0-19.0	0.75	9.0-13.0	BAL	1.0	0.045	0.03	--	.50	--
410	0.15	1.0	11.5-13.5	--	--	BAL	1.0	0.045	0.03	--	--	--
430	0.12	1.0	16.0-18.0	--	--	BAL	1.0	0.045	0.03	--	--	--

Woven Type:



2 Specifications

Plain & Twill Weave

Mesh	SWG	Wire ø(mm)	Aperture Size mm	Micron	Open Area%
2	No.12 No.18	2.60 1.20	10.10 11.50	10100 11500	63.20 82.10
3	No.12 No.18	2.60 1.10	5.87 7.37	5870 7370	48.00 75.70
4	No.12 No.20	2.50 0.90	3.85 5.45	3850 5450	36.76 73.70
5	No.15 No.20	1.80 0.90	3.28 4.18	3280 4180	41.70 57.70
6	No.16 No.22	1.50 0.70	2.73 3.53	2730 3530	41.69 69.70
7	No.18 No.22	1.10 0.70	2.53 2.93	2530 2930	48.56 65.10
8	No.18 No.23	1.10 0.55	2.08 2.63	2080 2630	42.70 68.36
10	No.18 No.25	1.10 0.45	1.44 2.09	1440 2090	32.14 67.70
12	No.19 No.26	1.00 0.45	1.12 1.66	1120 1660	27.83 62.00
14	No.22 No.28	0.70 0.35	1.11 1.46	1110 1460	37.70 65.10
16	No.25 No.33	0.45 0.25	1.14 1.34	1140 1340	51.34 71.00
18	No.25 No.35	0.50 0.20	0.91 1.39	910 1390	41.60 76.40
20	No.27 No.33	0.40 0.24	0.87 1.03	870 1030	46.90 65.78
24	No.26 No.30	0.45 0.30	0.61 0.76	610 760	33.10 51.34
25	No.30	0.30	0.72	720	49.66
28	No.28 No.30	0.35 0.30	0.56 0.61	560 610	37.80 44.90
30	No.28 No.35	0.35 0.20	0.50 0.64	500 640	34.60 56.60
40	No.32 No.36	0.25 0.18	0.38 0.46	380 460	36.76 51.34

Mesh	SWG	Wire ø(mm)	Aperture Size mm	Micron	Open Area%
50	No.34 No.37	0.22 0.17	0.29 0.34	290 340	32.14 43.40
60	No.35 No.38	0.20 0.14	0.22 0.28	220 280	27.83 44.80
70	No.37 No.38	0.17 0.14	0.19 0.22	190 220	28.30 37.72
80	No.38 No.41	0.14 0.11	0.18 0.21	180 210	31.25 42.70
90	No.39 No.42	0.13 0.10	0.15 0.18	150 180	29.10 41.69
100	No.40 No.43	0.12 0.09	0.13 0.16	130 160	27.80 41.69
120	No.42 No.45	0.10 0.07	0.11 0.14	110 140	27.83 44.80
150	No.44 No.46	0.08 0.06	0.089 0.109	89 109	27.80 41.69
165	No.45	0.035	0.119	119	59.70
180	No.47 No.48	0.05 0.06	0.090 0.080	90 80	40.70 33.00
200	No.47 No.48	0.050 0.040	0.077 0.087	77 87	36.80 46.90
230	No.47 No.48	0.040 0.035	0.070 0.075	70 75	40.00 35.80
250	No.47 No.48	0.050 0.040	0.051 0.061	51 61	25.00 35.80
300	No.48 No.49	0.040 0.030	0.044 0.055	44 55	26.80 41.90
325	No.48 No.49	0.035 0.030	0.043 0.048	43 48	30.30 37.80
350	No.48 No.49	0.035 0.030	0.037 0.043	37 43	25.70 34.70
400	No.49 No.50	0.030 0.025	0.034 0.039	34 39	28.20 37.10
500	No.50	0.025	0.026	26	26.00

2 Specifications

Plain Dutch Weave

Mesh Wrap/ Weft	Wire ø Wrap/weft (mm)	Absolute Particle Retention (Microns)	Nominal Particle Retention (Microns)
8x85	0.356/0.32	330-350	250
10x70		315-335	
12x64	0.609/0.419	280-300	200
10x90		270-290	
14x88	0.508/0.330	220-240	150
12x95		240-260	
14x110		220-240	
16x120		200-210	
20x150	0.249/0.178	170-190	100
20x160		160-180	
22x140		140-170	
24x110	0.381/0.254	112-125	80
30x150	0.228/0.178	95-110	63
40x200	0.178/0.139	75-80	56
50x280		71-75	45
50x250	0.139/0.114	56-63	40
80x400	0.127/0.076	36-45	45



2 Specifications

Twill Dutch Weave

Mesh Wrap / Weft	Wire ø Wrap/weft (mm)	Absolute Particle Retention (Microns)	Nominal Particle Retention (Microns)
20x250	0.249/0.200	110-120	100
30x250		100-112	90
30x360	0.249/0.152	95-106	80
40x560	0.178/0.102	71-80	50
120x400	0.102/0.066	50-55	40
120x600	0.102/0.063	40-45	30
80x700	0.102/0.076	34-36	25
200x600	0.061/0.046	28-32	20
165x800	0.071/0.051	24-26	15
165x1100		20-21	12
165x1400	0.071/0.041	16-18	10
200x1400	0.071/0.041	11-13	5
250x1400	0.056/0.041	11-12	4
325x2300	0.038/0.025	8-9	2
450x2750	0.025/0.021	6-7	<1
500x3500	0.025/0.015	5	<1

Reverse Dutch Weave

Mesh	Wire Dia. (mm)	Weight (kgs/m2)
72x15	0.45x0.55	4.8
120x16	0.35x0.45	4.3
132x18	0.35x0.45	4.3
152x24	0.30x0.45	4.5
160x17	0.27x0.45	3.6
170x17	0.27x0.45	3.89
180x19	0.26x0.45	4.05
200x40	0.17x0.27	2.17
260x40	0.15x0.25	2.09
325x40	0.13x0.24	1.95

3 Applications

Food industry Chemical
Pharmaceutical Environmental
Primary industries Consumer goods industry
Aerospace industry And more.....



Chemical



Food



Oil&Gas



Pharmaceuticals

Filtration

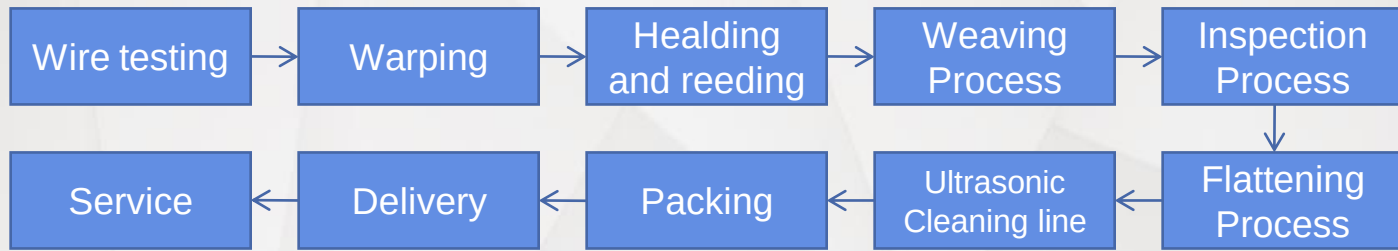


EMI Shielding

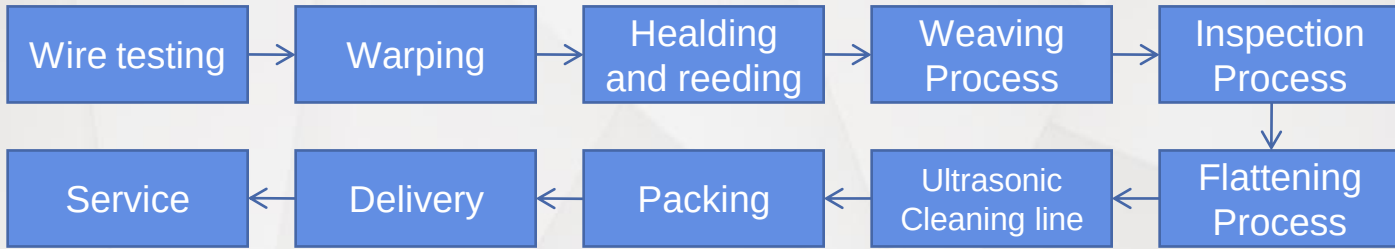


More Applications...

4 Inspections



4 Inspections



Packing

5 Why Us ?

Who we are ?

Hebei Metal Enterprise Co., Ltd is a **manufacture and trading company. Hebei Metal understands its role as an innovative problem solver.** We aim to serve new standards together with our customer and endeavor to make the largest contribution possible in making the world cleaner, safer, more beautiful and ultimately more worth living in.

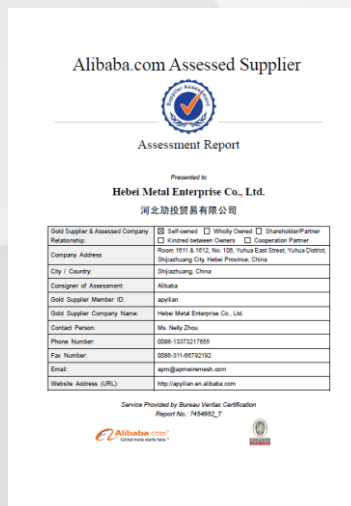
Our products range is filter mesh and decorative mesh.

Hebei Metal has acquired certifications of **ISO 9001:2008, BV (Bureau Veritas), SGS etc.**

Meeting international standards, **we make an effort to upgrade the skill and products efficiency with the advanced equipment from Italy, France, German and Japan.** In recent years, our products are valued highly abroad and export to U.S.A, Europe and South East Asia etc over 60 countries.

Our Service

- Raw Material Testing
 1. X-Ray system for quick testing
 2. Accurate Chemical testing
- Finished Goods Inspecting under the international standards
- We can keep your stocks according to your average consumption per month
- We can help you design and put new products to test by using CAD software and advanced testing instruments





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