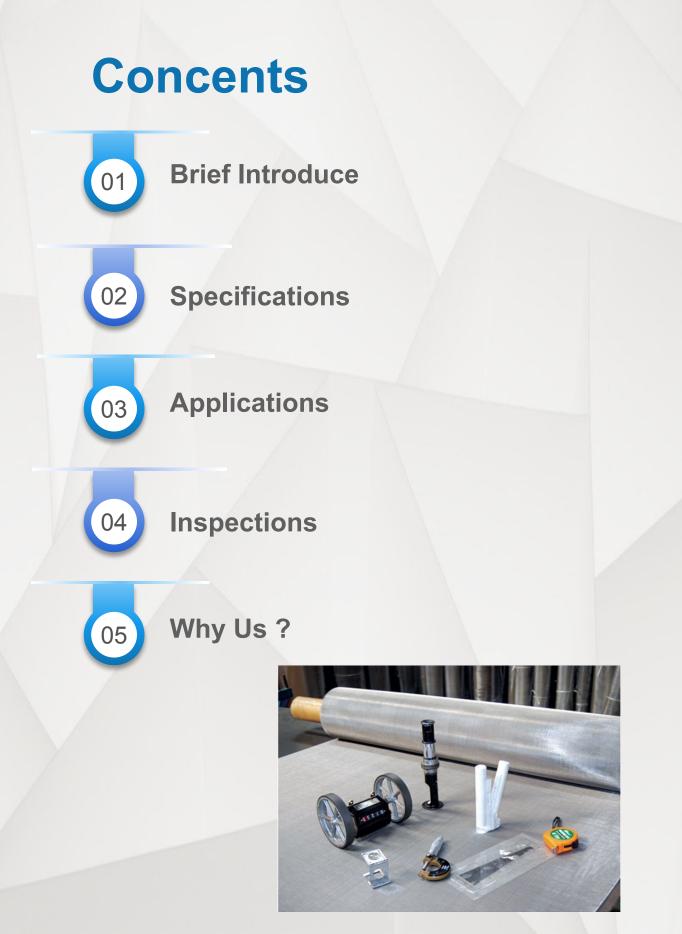
Stainless Steel Wire Mesh



Hebei Metal Enterprise Co., Ltd.



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, classicalmachine 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

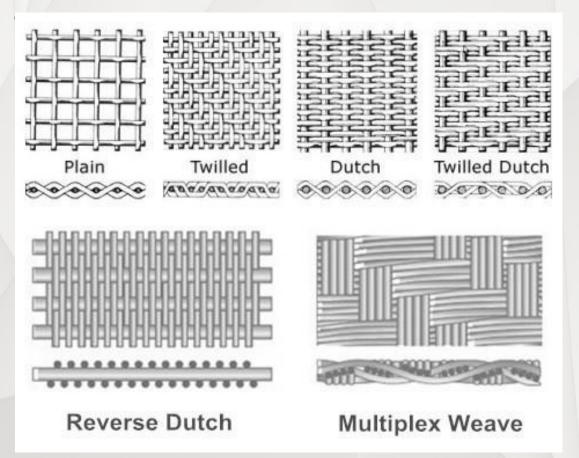
New Cutting Technique for Dutch Woven Mesh



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.	AI	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



Plain & Twill Weave

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

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

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



Twill Dutch Weave

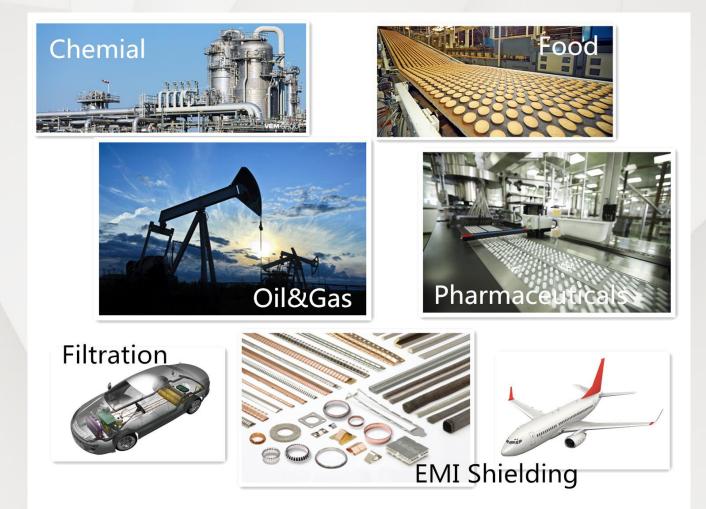
Mesh Wrap / Weft	Wire ø Wrap/weft (mm)	Absolute Particle Retention (Microns)	Nominal Particle Retention (Microns)
20x250	0.249/0.200	110-120	100
30x250		100-112	90
30x360	0.249/0.152	95-106	80
40x560	0.178/0.102	71-80	50
120x400	0.102/0.066	50-55	40
120x600	0.102/0.063	40-45	30
80x700	0.102/0.076	34-36	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

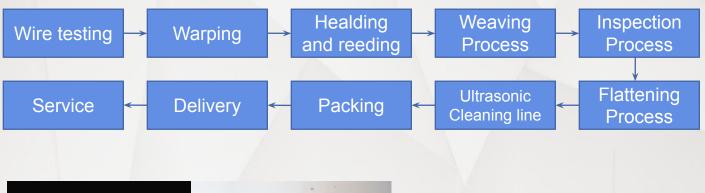
3 Applications

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

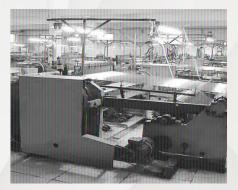


More Applications...

Inspections



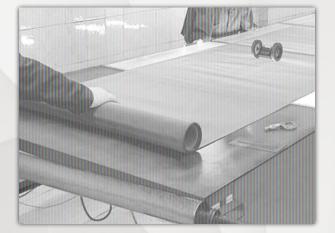












Inspections

Wire testing \rightarrow	Warping	Healding and reeding	Weaving Process	Inspection Process
Service ←	Delivery	← Packing ←	Ultrasonic Cleaning line	Flattening Process









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 (Burea 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

	Alibaba.co	om Assessed Supplier	SGS	TEST REPORT No. : TM1307249
MANT SU		And Address of the Ad		Date : Jul 26, 2013 Page: 1 of 2
CERTIFICATE OF REGISTRATION			HEREI METAL ENTER	
				T ROAD, SHUJAZHUANG, HEBEI, CHINA
Certificate No.: 117 13 QU 0001-08 R05				
This is to certify the quality management systems of	A	ssessment Report		s) was/ were submitted and identified on behalf of the client as
HEBEI METAL ENTERPRISE CO., LTD			Sample Name Spoc	: Spring wire : Wire dia 3.0mm, 6.0mm, 8.0mm, 10.0mm, 12.0mm
		Presented to	Material	: 65Mn
Organization code 68138760-9	Habai	Ietal Enterprise Co., Ltd.	Quentity	: 6
Registered Address A1212 Wanhao Building, No. 176			Date of Receipt	HEDEI METAL ENTERPRISE CO.,LTD. Jul 22, 2018
Zhonghua South Street, Qiaoxi District,	河	北劢投贸易有限公司	Test Period	Jul 22, 2013
Shijiazhuang, Hebei, China	Gold Supplier & Assessed Company	Self-owned Wholly Owned Shareholder Partner	Test result(s)	: For further details, please refer to the following page(s)
Auditing Address Room 1611, Apartment 3, 2nd Building, Wanlongguoji, No. 106 Yuhua East Road,	Relationship:	Kindred between Owners Cooperation Partner	The leading report only	refers to the sample(s) tested.
Yuhua District, Shijiazhuang, Hebei, China	Company Address	Room 1611 & 1612, No. 106, Yuhua East Street, Yuhua District, Shijiazhuang City, Hebei Province, China	1 2 1 4	To be continued
	City / Country:	Shijazhuang, China		
has been assessed and registered as meeting the requirements of ISO9001:2008	Consigner of Assessment:	Albaba		
	Gold Suppler Member ID:	apylian	Signed for and on beh	afof
Scope of approval	Gold Supplier Company Name:	Hebel Metal Enterprise Co., Ltd.	SGS-CSTC Standards Technical Services (Te	anjin) Co., Ltd.
Sales and After Service of Wire Mesh Products and Relative Mechanical Equipment (Excluding the Special Equipment)	Contact Person:	Ms. Nelly Zhou	\cap	
Mechanical Equipment (Excluding the Special Equipment)	Phone Number:	0086-13373217655	500	men
Approval Date: 01 Aug. 2013	Fax Number:	0086-311-66782182	Seaman Zhong	men
Signed by: Revision Date: 23 Jul. 2014 Expiry Date: 31 Jul. 2016	Ernal:	apm@apmwiremesh.com	Materials Lab Authorized Signatory	
Signed by.	Website Address (URL):	http://apyilian.en.alibaba.com		
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