



Stainless Steel Weave Wire Mesh Supplier **Since 1986**

Kingdelong Wire Mesh Co., Ltd.

Focus on R&D and production of stainless steel weave wire mesh for **34 years**

Product Catalog

Stainless Steel Plain Weave Mesh

Stainless Steel Twilled Weave Mesh

Stainless Steel Plain Dutch Weave Mesh

Stainless Steel Twilled Dutch Weave Mesh

stainless steel reserve dutch weave mesh

Knitted Wire Mesh

Wire Mesh Filter Cylinder

Wire Mesh Filter Discs

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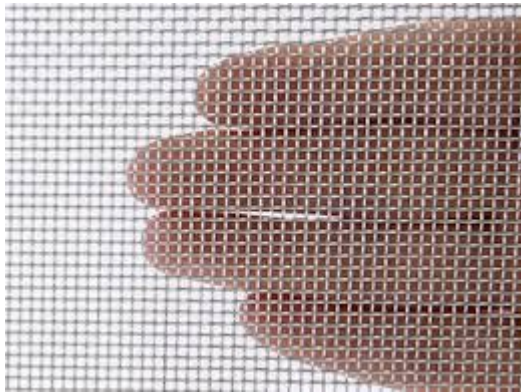
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Stainless Steel Plain Weave Mesh

Stainless steel woven wire mesh can be used in filtering liquid gas and pulp. The opening can be square, rectangular or special opening. Normally, this kind of wire mesh has standard opening sizes, uniform opening, good permeability and high strength. The raw materials should be chosen according to different environment of applications.



Material: SUS302, 304, 316, 304 L, 316L stainless steel wire and galvanized steel wire.

Wire diameter: Min 0.02mm

Mesh opening: 0.02mm to 16.00mm

Mesh roll width: Max 6000mm

Mesh roll length: standard rolls size or customer request.

Stainless Steel Twilled Weave Mesh

Twilled weave means Wire Cloth in which each warp wire and each shute wire passes successively over and under the two adjacent wires -- in both the warp and shute directions. This over and under movement is shifted one wire with each pass of the shuttle. This pattern permits the weaving of heavier wires in varying meshes.

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Materials:SS 302, SS 304, SS 304L, SS 316, SS 316L, SS 321 and SS 430 etc.

Features

Stainless steel twill weave wire mesh have the features of wear resistance, heat-resisting, acid-resisting, alkali resisting, durable structure, and corrosion resistance.

Meantime stainless steel woven mesh also have high temperature resistance, good electric conductivity and washing resistance.

Application:

Stainless steel woven wire mesh is widely used in mining, petroleum, chemical industry, food industry , pharmaceutical industry and sifting and screening mesh in chemical and chemical fiber industry.

Roll Width: 36", 40", 48", 60"

Roll Length: 25Ft, 50Ft and 100Ft

Stainless Steel Plain Dutch Weave Mesh

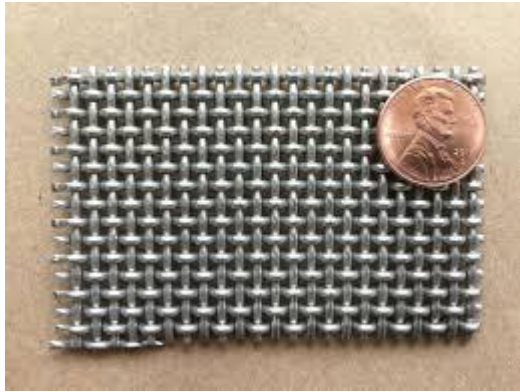
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Plain Dutch Woven Wire Mesh is similar to plain weave wire mesh, while the warp wires are thicker and lie closer to each other. This type of woven stainless steel wire mesh is mainly used as industrial filter cloth and apparatus of separation.

High Quality Anti Rust Used in Telecom-Communication of Stainless Steel 304 or 316 or 304L or 316L Plain Dutch Weave Wire Filter Mesh Cloth

Plain Dutch Woven Wire Mesh is similar to plain weave wire mesh, while the warp wires are thicker and lie closer to each other. This type of woven stainless steel wire mesh is mainly used as industrial filter cloth and apparatus of separation.

Plain dutch weave mesh

Mesh		Wire diameter		Wire diameter		Aperture
warp	weft	warp	weft	warp	weft	Aperture
		mm	mm	inch	inch	µm
5.48	31	1.092	0.889	0.043	0.035	745
10	52	0.711	0.584	0.028	0.023	375
12	64	0.584	0.419	0.023	0.016	335
12	88	0.356	0.330	0.014	0.013	330
14	64	0.508	0.419	0.020	0.016	320
14	88	0.508	0.330	0.020	0.013	305
14	95	0.381	0.305	0.015	0.012	253
14	100	0.381	0.305	0.014	0.010	250

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20	120	0.356	0.254	0.015	0.011	200
24	110	0.381	0.279	0.011	0.006	155
24	175	0.279	0.165	0.008	0.007	140
30	160	0.203	0.178	0.007	0.006	120
40	200	0.178	0.140	0.006	0.004	73
50	250	0.14	0.114	0.011	0.008	65
20	280	0.279	0.191	0.014	0.010	132
16	200	0.356	0.254	0.011	0.010	130
20	200	0.279	0.254	0.010	0.009	110
20	250	0.254	0.216	0.010	0.008	80
30	260	0.254	0.203	0.007	0.006	75
20	350	0.178	0.152	0.007	0.004	68
28	500	0.178	0.114	0.008	0.004	80
30	500	0.203	0.114	0.006	0.003	57
50	700	0.152	0.076	0.003	0.002	50
150	400	0.069	0.053	0.003	0.002	50

mesh warp x weft	wire mm warp x weft	aperture μ m	effective section area%	weight kg/m ²	thickness mm
7×40	0.9×0.71	347	14	6	2
7×44	0.71×0.63	319	14	5	2
8×45	0.8×0.60	310	16	5	2
8×85	0.45×0.315	275	27	3	1
8.5×60	0.63×0.45	296	20	4	2
10×76	0.5×0.355	248	22	3	1
10×90	0.45×0.28	249	29	2	1
12×64	0.56×0.40	210	16	4	1
12×86	0.45×0.315	211	21	3	1
12.5×76	0.45×0.355	192	16	3	1
14×76	0.45×0.355	173	14	3	1
14×100	0.40×0.28	182	20	3	1

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14×110	0.355×0.25	177	22	2	1
16×100	0.4×0.28	160	18	3	1
16×120	0.28×0.224	145	19	2	1
17×120	0.355×0.224	155	22	2	1
20×110	0.355×0.25	126	15	2	1
20×140	0.315×0.20	133	22	2	1
20×170	0.25×0.16	130	29	1	1
25×140	0.315×0.224	115	16	2	1
25×140	0.28×0.2	100	15	2	1
24×110	0.355×0.25	97	11	2	1
28×150	0.28×0.18	92	16	2	1
30×150	0.25×0.18	82	14	2	1
30×140	0.315×0.20	77	11	2	1
35×190	0.224×0.14	74	17	1	1
35×170	0.224×0.16	69	13	2	1
40×200	0.18×0.135	63	15	1	0
45×250	0.16×0.11	56	15	1	0
50×250	0.14×0.112	53	-	1	-
50×270	0.14×0.10	50	15	1	0
50×300	0.16×0.09	55	20	1	0
60×270	0.14×0.1	39	11	1	0
60 ×300	0.14×0.09	41	14	1	0
60×500	0.14×0.055	51	34	1	0
65×390	0.125×0.071	42	19	1	0
65×750	0.10×0.036	36	37	0	0
70×340	0.125×0.08	35	13	1	0
80×400	0.10×0.07	40	-	1	-
80×600	0.1×0.045	37	30	1	0
80×700	0.125×0.04	40	38	1	0
80×430	0.125×0.063	32	17	1	0
100×600	0.10×0.045	-	-	1	-
100×800	0.10×0.035	-	-	1	-

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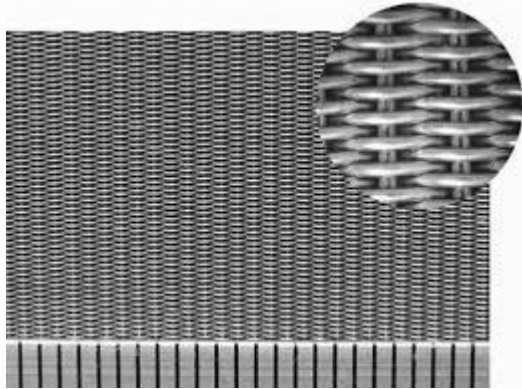
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100×1200 0.063×0.023 23 38 0 0

Stainless Steel Twilled Dutch Weave Mesh

Twill Dutch Woven Wire Cloth is made with a combination of the Hollander Weave and the twill weave. This type enables a strong wire cloth with super fine filtration.



Plain twilled weave mesh

Mesh Warp x Weft	Wire mm Warp x Weft	Aperture μ m	Effective Section area%	Weight kg/m ²	Thickness mm
20×270	0.25×0.2	119	17.6	3.01	0.65
20×200	0.355×0.28	118	12.1	4.55	0.915
24×300	0.28×0.18	110	19.6	2.90	0.64
20×150	0.45×0.355	101	7.5	5.73	1.16
30×340	0.28×0.16	89	17.9	2.76	0.60
30×270	0.28×0.20	77	11.2	3.28	0.68
40×540	0.18×0.10	70	23.5	1.67	0
40×430	0.18×0.125	63	15.4	2	0
50×600	0.125×0.09	51	17.2	1	0
50×500	0.14×0.11	47	12	2	0.364
65×600	0.14×0.09	36	-	2	0.32
70×600	0.14×0.09	31	10.1	1	-

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78×760	0.112×0.071	-	13.5	1.20	0
78×680	0.112×0.08	29	10	1	0
80×680	0.112×0.08	28	10	1	-
90×850	0.10×0.063	26	13	1	0
90×760	0.10×0.071	24	9.6	1	0.242
100×760	0.10×0.071	20	7	1	0
100×850	0.10×0.063	22	10	1	0
130×1100	0.071×0.05	17	9.4	1	0
130×1200	0.071×0.045	18	12	1	0
130×1500	0.063×0.036	21	1	1	0
150×1400	0.063×0.04	15	1	2	0
160×1500	0.063×0.036	-	12	2	0
165×1500	0.063×0.036	14	11.4	1	-
174×1700	0.063×0.032	13	13	0.60	0
165×1400	0.063×0.04	-	9	1	0
174×1400	0.063×0.04	11	7.4	1	-
203×1500	0.056×0.036	9	6	1	0
203×1600	0.05×0.032	10	9	1	0.114
216×1800	0.045×0.03	-	9	1	0.105
250×1600	0.05×0.032	-	4	0.56	0
250×1900	0.04×0.028	8	8	0	0
285×2100	0.036×0.025	7	7.2	0	0
300×2100	0.036×0.025	6	6	0	-
317×2100	0.036×0.025	5	5	0	-
325×2300	0.036×0.024	4	4	0	-
363×2300	0.032×0.022	-	5	0	0
400×2700	0.028×0.02	-	5	0	0
500×3500	0.025×0.015	3	4.9	0	0.055

stainless steel reserve dutch weave mesh

Reverse Dutch Weave Wire Mesh involves in plain weave pattern, with many wires in

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warp direction having a thin diameter and relatively few wires in weft direction having a large diameter.

Reversed dutch weave mesh

Mesh		Wire		Micro Retention		Weight
Warp	Weft	Warp mm	Weft mm	abs. μm	nom. μm	kg/m ²
400	120	0.065	0.100	60-70	60	0.72
325	39	0.150	0.300	45-75	55	2.70
260	40	0.150	0.220	80-95	125	1.94
228	36	0.190	0.280	95-130	100	2.76
160	25	0.315	0.400	90-125	145	4.96
160	24	0.305	0.400	90-135	150	4.68
160	16	0.305	0.355	110-150	125	4.24
152	24	0	0.355	115-130	165	5
132	18	0	0	180-220	200	5
132	16	0	0.457	210-260	250	5
72	15	1	1	450-500	525	5.43

Knitted Wire Mesh

Compressed Knitted Mesh Gasket with excellent shielding performance is widely used in the magnetic fields for EMI/RFI shielding. It can shielding the electromagnetism through sealing the gap of equipment and machines.

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Compressed knitted mesh gasket can be made of various different materials, including: stainless steel, monel, nickel, aluminum 5056, tinned copper steel, brass and other materials. The specific metal alloy materials make compressed knitted mesh gasket can stand the extremely high temperatures, corrosion and other hostile environments. The diameters of compressed knitted mesh are commonly 0.11mm to 0.13mm and special specifications can be customized.

Compressed knitted mesh gasket can be made into various different shapes to suit the machines and other equipment. The common shapes of compressed knitted mesh gasket are ring shape, circular shape, stripe shape and rectangular shape. Other shapes can be customized according to customers' requirements.

Wire Mesh Filter Cylinder

Wire mesh filters can be divided into cylinder filter, tube filter and cone filter. Cylinder filter also know as wire mesh cylinder filter, is made of wire mesh rolled into cylinder shape. According to material, it can be classified into stainless steel cylinder filter, copper cylinder filter, galvanized cylinder filter, aluminum cylinder filter.

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Kingdelong wire mesh company has a professional workshop for wire mesh disc filters, cylinders, high technology machine, professional engineers, kingdelong can make the products in good quality according to customer's requirement.

Wire Mesh Filter Cylinder Specification:

Material: stainless steel, galvanized , aluminum, plain steel, other alloys.

Wire mesh filters can be divided into cylinder filter,tube filter and cone filter. Cylinder filter also know as wire mesh cylinder filter,is made of wire mesh rolled into cylinder shape. According to material,it can be classified into stainless steel cylinder filter,copper cylinder filter,galvanized cylinder filter,aluminum cylinder filter.

According to the processing technology,it can be classified into woven cylinder filter,expanded metal cylinder and perforated cylinder filter. And also same classification for tube filter and cone filter.

Wire Mesh Filter Discs

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Kingdelong wire mesh company has a professional workshop for wire mesh filters, tubes, cuttings, high technology machine, professional engineers, kingdelong can make the products in good quality according to customer' s request.

Wire Mesh Filter Discs Specification:

Material: stainless steel, galvanized , aluminum, plain steel, other alloys.

However, should your application require additional custom fabrication, filter mesh is able to provide, or set up value-added services to take our product from standard off- the-shelf to custom fabricated product specific to your installation needs. These include:

- Shearing or Cutting
- Rolling
- Slitting
- Braking or Forming
- Painting or Powder Coating
- Anodizing
- Welding
- Soldering

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- Hooking
- Galvanizing
- Punching or Grommeting

Wire Mesh Filter Discs Application:

It is mainly used to remove unwanted impurities in fluids, gases or solids. These discs can be used in absorption, evaporation and filtration processes in the following industries:

- chemical,
- metallurgy,
- petroleum,
- food and beverage,
- medicine and automobiles.

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