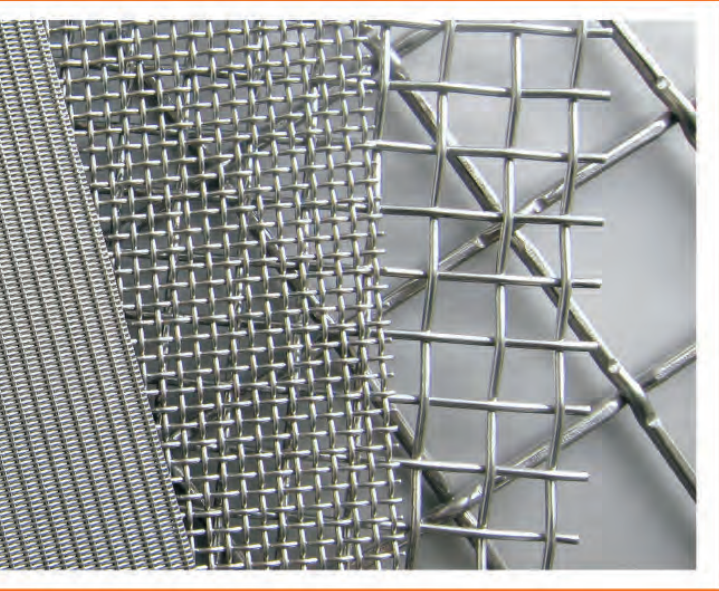


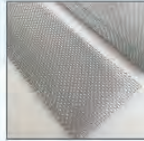


مؤسسة منصور الجعويني
MANSOUR AL JAWINI EST.





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| Company Introduction |

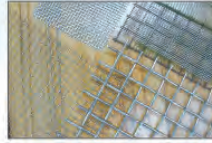
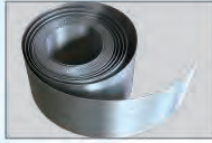
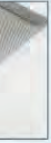
Mansour Al Jawini Establishment was incorporated in early 1980s under rules and regulations of the Kingdom of Saudi Arabia with its head office in Riyadh. By a group of professionals and highly trained technical staff with the target of marketing, servicing and support after sales for its products.

With the coalition of worldwide technical expertise achieved from overseas subsidiaries with their knowledge and experience, our company has prestigious and complex projects of advanced technology in the Industrial sector throughout the Kingdom of Saudi Arabia & Middle East.

Since its inception, Mansour Al Jawini Establishment has grown into a multifaceted organization with subsidiaries and affiliates in the Kingdom of Saudi Arabia. Operating in the Kingdom of Saudi Arabia & Middle East in the following industrial sector products: Pure Teflon, PTFE FABRICS & BELTS, Screen Filters & Mesh, Heaters, CONTROL INSTRUMENTS, Meters, sensors & TRANSMITTERS, Perforated SHEETS, ADHESIVE TAPES (SINGLE & DOUBLE SIDED), Compressible Offset Printing Rubber Blanket, Polyester Screen Mesh, HOPPER MAGNETS, Doctor BLADES, TEAR STRIPES / TAPES, Copper gauze.

At present Mansour Al Jawini Establishment., is a leading company in providing high quality services and range of products and has successfully delivered large and medium size projects to the full satisfaction of its clients in the Saudi Arabia.

Today both its customers and business partners recognize 'Mansour Al Jawini Establishment' as a company that delivers world-class services.



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| Equipment |

MANSOUR AL-JAWINI EST have professional engineers team to develop new technology and machinery for customers' unique products, and we have the self-developed machinery like tension value machine, laser cutting machine and edge-folding machine, MANSOUR AL-JAWINI EST is not only a manufacturer for customers, we are also provide the new technology service to make your design come to be unique goods in the market.





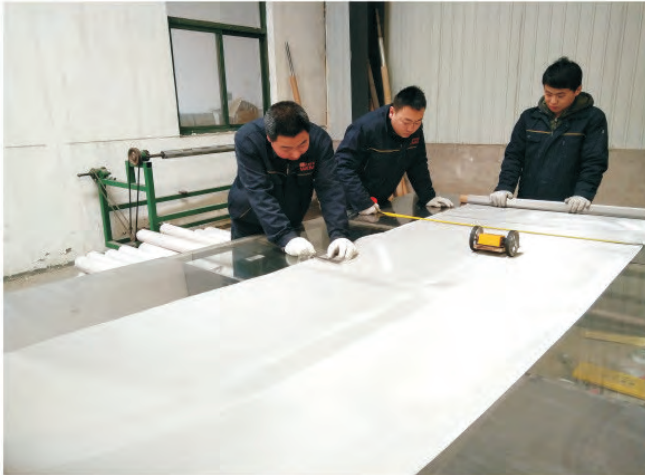
MANSOUR AL-JAWINI EST can make itself with wire drawing, wire anneal, mesh woven, fine mesh products and trading. 150 sets machines service for you at any time.

Every year we produce 11,000 m² mesh, 50,000 rolls wire mesh and 850 tons of stainless steel wire.

More than 30 years manufacture experience from 1986.

Strictly checking-up process, outstanding quality, timely delivery.





Quality Checking



Testing Equipment for
Tensile Value



Ultrasonic Cleaning Equipment

Ultrasonic cleaning equipment can ensure the cleanness of the mesh through the process of cleaning, bleaching, spraying, drying, rolling. For Special industry, it can ensure the filtering efficiency of the mesh.

| Quality Control |

MANSOUR AL-JAWINI EST has the advanced equipments and technology. All the products are strictly examined with all necessary quality testing instruments.

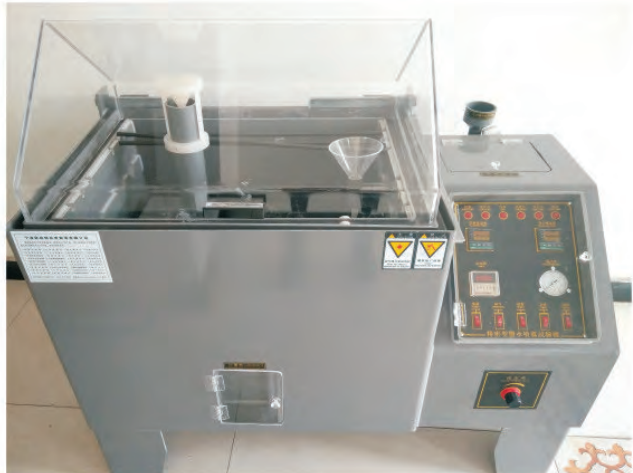
Quality means life for MANSOUR AL-JAWINI EST, improving quality continuously is our perpetual pursuing.

We take more care in control and inspect material and final products to ensure that high standards are maintained.

We are award the ISO 9001:2008 certificate quality of our products and service can match difference customer requirement.

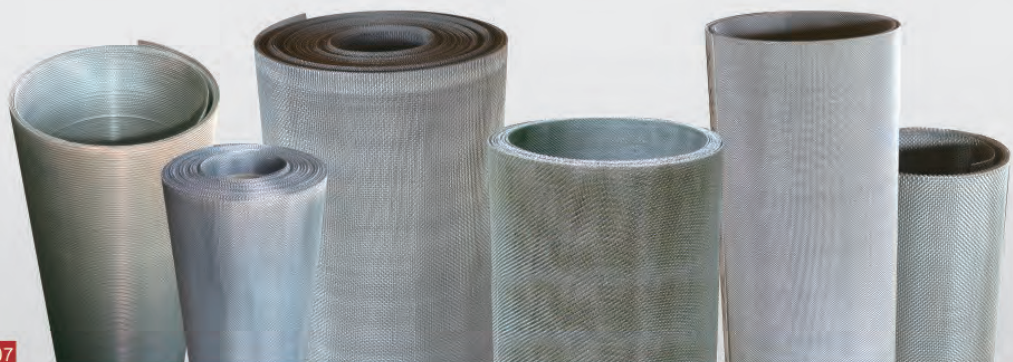
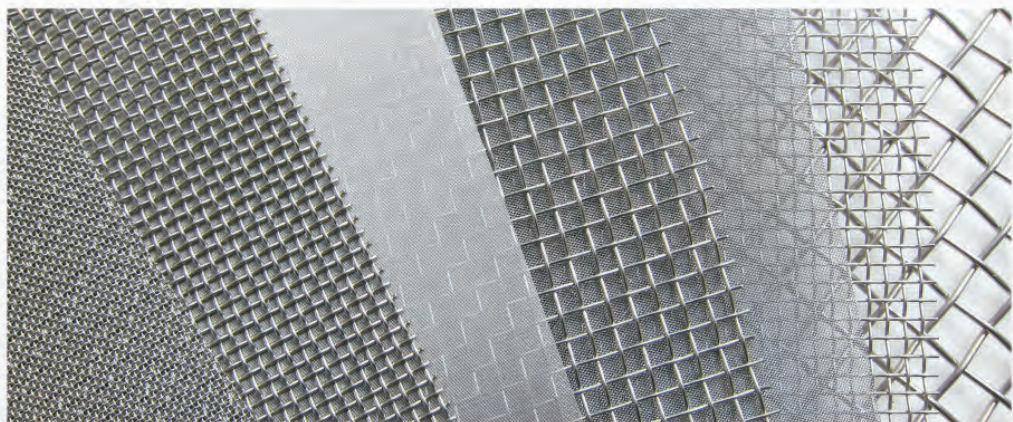


Stand Micron 100x



Salt Spray Test

Stainless Steel Wire Mesh >





MANSOUR AL-JAWINI EST can supply the largest inventories of stainless steel wire mesh. We can provide in full roll, slit coils, and cut pieces.

Application: industry, including chemicals, pharmaceuticals, glass, ceramics, plastics, mechanical engineering, paper, environmental technology, automotive, new energy, food industry

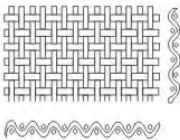
Raw material: 304, 304L, 310S, 316, 316L, 430, 317L, 904L, N6, heat resisting material, etc.

Weaving type: Square mesh (plain weave, twill weave) Dutch Weave mesh (PDW, DTW, RDT)

· Width and length of wire cloth are either woven or subsequently trimmed to size, pursuant to the customers' wishes.

· The tension value of the mesh roll can be adjusted by customers' request, our machine can assure the tension value is constant on the whole roll.

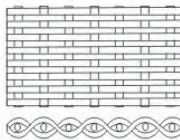
· The length of the roll can be chosen of up to 1000 running metres. Very often, this is limited due to the weight and the transportability. The standard rolls have a length of 30 to 50m.



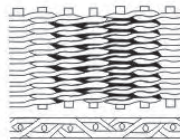
Plain weave



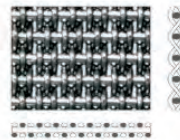
Twill weave



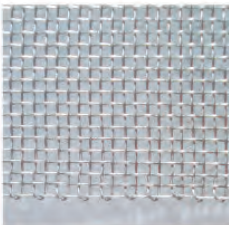
Plain dutch weave



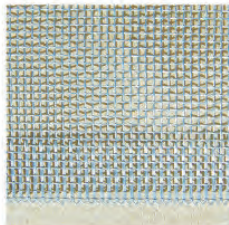
Twill dutch weave



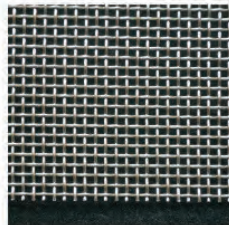
Reversed dutch weave



Selvaged



locked edge



Non-selvaged



Fold edge

Nickel Mesh >>



We can supply you the conductive wire mesh for battery & fuel cell applications. The Nickel mesh for anode current collection & alloys for cathode applications. Ultrasonic cleaning & slitting are value-added services offered.

Material: N4(Ni 201), N6(Ni 200)

Mainly application: new energy power producing, electrolysis.

Woven Nickel mesh: 1–270mesh

Width: 1cm–200cm

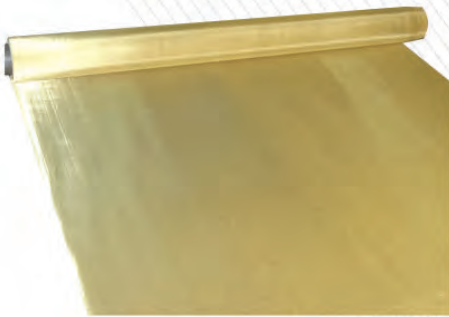
Length: 1–1000m

MANSOUR AL-JAWINI EST also can custom-make expanded Nickel mesh as your requirement.





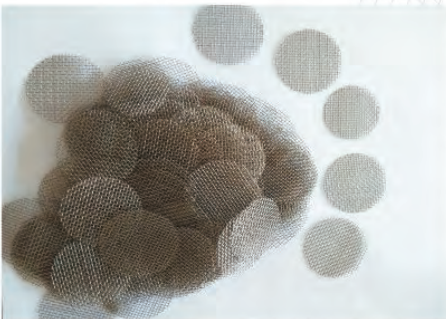
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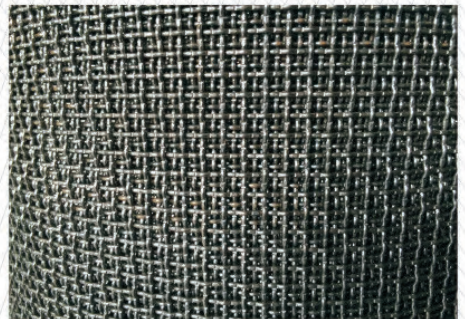
▲ Brass Wire Mesh



▲ Copper Wire Mesh



▲ Titanium Wire Mesh



▲ Monel Wire Mesh

Wire Mesh Specification Guide

Wire Diameter (mm)	2 mesh		2.5 mesh		3 mesh		3.5 mesh		4 mesh		4.5 mesh		5 mesh		5.5 mesh	
	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)
2.00	10700	70.98	8160	84.5	6486	58.33	5257	52.47	4350	46.92	3644	41.69	3080	38.76	2618	32.14
1.80	10500	73.66	8360	87.7	6666	61.99	5457	56.54	4550	51.34	3344	46.39	3280	41.69	2818	37.24
1.60	11100	78.39	8560	70.98	6866	85.77	5657	60.76	4750	55.95	4044	51.34	3480	46.93	3018	42.71
1.40	11300	79.16	8760	74.33	7066	88.86	5857	65.13	4950	60.76	4244	56.55	3680	52.46	3218	48.56
1.20	11500	81.99	8960	77.77	7266	73.66	6057	69.66	5150	65.77	4444	62	3880	58.34	3418	54.78
1.00	11700	84.87	9160	81.28	7466	77.77	6257	74.33	5350	70.98	4644	67.71	4080	64.5	3618	61.38
0.90									5450	73.66	4744	70.65	4160	67.71	3718	64.82
0.80									5550	76.39	4844	73.66	4280	70.98	3818	68.36
0.70													4380	74.34	3918	71.98
0.65													4430	76.05	3968	73.83
0.62													4460	77.08	3968	74.95
0.60													4480	77.77	4016	75.7
0.55													4530	79.52	4068	77.6
0.50													4580	81.28	4118	79.52
Wire Diameter (mm)	6 mesh		7 mesh		8 mesh		9 mesh		10 mesh		11 mesh		12 mesh		14 mesh	
	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)
1.60	2633	38.69														
1.40	2833	44.8	2229	37.72	1775	31.25										
1.20	3033	51.34	2429	44.8	1975	38.69	1822	33.04	1340	27.83						
1.00	3233	58.34	2629	52.48	2175	46.93	1922	41.69	1540	36.76	1309	32.14				
0.90	3333	62	2729	56.55	2275	51.34	1922	46.39	1640	41.69	1409	37.24	1217	33.04	914	25.4
0.80	3433	65.78	2829	60.77	2375	55.98	2022	51.34	1740	46.93	1509	42.71	1317	38.69	1014	31.25
0.70	3533	69.66	2929	65.14	2475	60.77	2122	56.55	1840	52.48	1609	48.58	1417	44.8	1114	37.72
0.65	3583	71.65	2979	67.38	2525	63.25	2172	58.24	1890	55.37	1659	51.62	1467	48.01	1164	41.18
0.62	3613	72.85	3009	68.75	2555	64.76	2202	60.89	1920	57.14	1689	53.51	1497	50	1194	43.33
0.60	3633	73.66	3029	69.66	2575	65.78	2222	62	1940	58.34	1709	54.78	1517	51.34	1214	44.8
0.55	3683	75.7	3079	71.98	2625	68.36	2272	64.82	1990	61.38	1759	58.04	1567	54.78	1264	48.56
0.50	3733	77.77	3129	74.34	2675	70.98	2322	67.71	2040	64.5	1809	61.38	1617	58.34	1314	52.48
0.45	3783	79.87	3179	76.73	2725	73.66	2372	70.65	2090	67.71	1859	64.82	1667	62	1364	56.55
0.40			3229	79.17	2775	76.39	2422	73.66	2140	70.98	1909	68.36	1717	65.78	1414	60.77
0.35					2825	79.17	2472	76.73	2190	74.34	1959	71.98	1767	69.66	1464	65.14
0.32					2855	80.88	2502	78.61	2220	76.39	1989	74.2	1797	72.05	1494	67.84
0.30									2240	77.77	2009	75.7	1817	73.86	1514	69.66
0.29									2250	78.47	2019	76.46	1827	74.48	1524	70.98
0.28									2260	79.17	2029	77.22	1837	75.29	1534	71.52
0.26									2280	80.58	2049	78.75	1857	76.94	1554	73.39
0.24													1877	78.61	1574	75.29
0.23															1584	76.25
0.22															1594	77.22
Wire Diameter (mm)	16 mesh		18 mesh		20 mesh		22 mesh		24 mesh		26 mesh		28 mesh		30 mesh	
	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)
0.70	888	31.25														
0.65	938	34.88														
0.62	968	37.14	791	31.43												
0.60	988	38.69	811	33.04												
0.55	1038	42.71	861	37.24	720	32.14										
0.50	1088	46.93	911	41.69	770	36.76	655	32.14	588	27.83						
0.45	1138	51.34	961	46.39	820	41.69	705	37.24	608	33.04						
0.40	1188	55.96	1011	51.34	870	46.93	755	42.71	658	38.69	577	34.88	507	31.25		
0.35	1238	60.77	1061	56.55	920	52.48	805	48.56	708	44.8	627	41.18	557	37.72	497	34.41
0.32	1268	63.75	1091	59.79	950	55.98	835	52.25	738	48.67	657	45.22	587	41.89	527	38.99
0.30	1288	65.78	1111	62	970	58.34	855	54.78	758	51.34	677	48.01	607	44.8	547	41.69
0.29	1298	66.8	1121	63.12	980	59.54	865	56.07	768	52.71	687	49.44	617	46.28	557	43.23
0.28	1308	67.84	1131	64.25	990	60.77	875	57.38	778	54.09	697	50.69	627	47.79	567	44.8
0.26	1328	69.93	1151	66.54	1010	63.25	895	60.03	798	56.9	717	53.85	647	50.89	587	48.01
0.24	1348	72.05	1171	68.88	1030	65.78	915	62.75	818	59.79	737	56.9	667	54.09	607	51.34
0.23	1358	73.12	1181	70.06	1040	67.06	925	64.13	828	61.26	747	58.46	677	55.72	617	53.05
0.22	1368	74.2	1191	71.25	1050	68.36	935	65.52	838	62.75	757	60.03	687	57.38	627	54.78
0.20	1388	76.39	1211	73.66	1070	70.98	955	68.36	858	65.78	777	63.25	707	60.77	647	58.34
0.18					1090	73.66	975	71.25	878	68.88	797	66.54	727	64.25	667	62
0.16													747	67.84	687	65.78
0.15													757	69.66	697	67.71



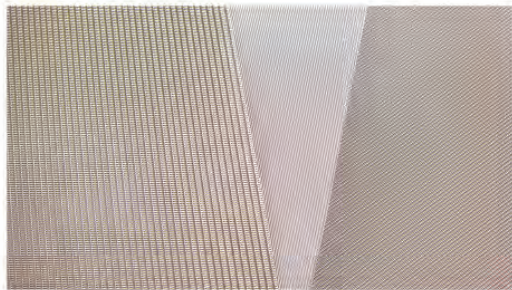
Wire Diameter (mm)	32 mesh		35 mesh		36 mesh		40 mesh		45 mesh		50 mesh		55 mesh		60 mesh	
	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)
0.35	444	31.25														
0.32	474	35.82														
0.30	494	38.69	426	34.41	406	33.04										
0.29	504	40.28	436	36.05	416	34.89	345	29.52								
0.28	514	41.89	446	37.72	426	36.38	355	31.25								
0.26	534	45.22	466	41.18	446	39.88	375	34.88								
0.24	554	48.67	486	44.8	466	43.54	395	38.69	324	33.04	268	27.83				
0.23	564	50.44	496	46.66	476	45.43	405	40.68	334	35.11	278	29.95				
0.22	574	52.25	506	48.56	486	47.36	415	42.71	344	37.24	288	32.14				
0.20	594	55.96	526	52.48	506	51.34	435	46.93	364	41.69	308	36.76	262	32.14	223	27.83
0.18	614	59.79	546	56.55	526	55.48	455	51.34	384	46.39	328	41.69	282	37.24	243	33.04
0.16	634	63.75	566	60.77	546	59.79	475	55.96	404	51.34	348	46.93	302	42.71	263	36.69
0.15	644	65.78	576	62.93	556	62	485	58.34	414	53.91	358	49.66	312	45.59	273	41.89
0.14	654	67.84	586	65.14	566	64.25	495	60.77	424	56.55	368	52.48	322	48.56	283	44.8
0.13	664	69.93	596	67.38	576	66.54	505	63.25	434	59.24	378	55.37	332	51.62	293	48.01
0.12			606	69.66	586	68.88	515	65.78	444	62	388	58.34	342	54.78	303	51.34
0.11					596	71.25	525	68.36	454	64.82	398	61.38	352	58.04	313	54.78
0.10															323	58.34
Wire Diameter (mm)	65 mesh		70 mesh		80 mesh		90 mesh		100 mesh		120 mesh		130 mesh		140 mesh	
	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)
0.160	231	34.875														
0.150	241	37.983	213	34.412												
0.140	251	41.182	223	37.721	178	31.254										
0.130	261	44.532	233	41.182	188	34.875	152	29.092								
0.120	271	48.013	243	44.795	198	38.694	162	33.04	134	27.832						
0.110	281	51.625	253	48.56	208	42.712	172	37.239	144	32.141						
0.100	291	55.388	263	52.477	218	46.928	182	41.689	154	36.76						
0.090					228	51.342	192	46.39	164	41.689	122	33.04				
0.080									174	46.928	132	38.694	115	34.875		
0.070											142	44.795	125	41.182	111	37.721
0.065													130	44.532	116	41.182
0.060															121	44.795
Wire Diameter (mm)	150 mesh		160 mesh		180 mesh		200 mesh		220 mesh		250 mesh		270 mesh		300 mesh	
	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)
0.070	99	34.412														
0.065	104	37.983														
0.060	109	41.689	99	38.694			67	27.832								
0.055	114	45.588	104	42.712	86	37.239	72	32.141								
0.050			109	46.928	91	41.689	77	36.76			52	25.794				
0.045					96	46.39	82	41.689	70	37.239	57	31.035	49	27.212		
0.040							87	46.928	75	42.712	62	36.76	54	33.04	45	27.832
0.035											67	42.97	59	39.432	50	34.412
0.030											72	49.664	64	46.39	55	41.689
0.025											77	56.842				
Wire Diameter (mm)	325 mesh		350 mesh		400 mesh		500 mesh		550 mesh		600 mesh		635 mesh			
	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)	Aperture (micron)	Open Area Ratio(%)
0.040	38	23.833														
0.035	43	30.489	38	26.803												
0.030	48	38.000	43	34.400	34	27.832										
0.028	50	41.182	45	37.700	36	31.300										
0.025			48	43.000	39	36.800	26	25.800								
0.023					41	40.678			24	27.418						
0.020											22	27.832	20	25.000		
0.018												22		20	30.250	

Stainless Steel Dutch Weave >

Woven as a plain weave, but with the warp wires of greater diameter than the weft wires. The weft wires are very close together so that a so-called zero-mesh structure is formed; while the warp wires are thicker and arranged wider apart.



Plain Dutch

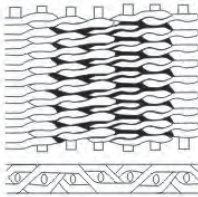


Mesh/Inch Warp xWeft	Wire Dia Warp xWeft mm	Nominal Filtration Fineness µm	Section Area %
7×40	0.9×0.71	347	14.3
7×44	0.71×0.63	319	14.2
8×45	0.8×0.6	310	15.5
8.5×60	0.63×0.45	296	20.3
8×85	0.45×0.315	275	27.3
10×90	0.45×0.28	249	29.2
10×76	0.5×0.355	248	21.8
12×86	0.45×0.315	211	20.9
12×64	0.56×0.4	211	16.0
12.5×76	0.45×0.355	192	15.9
14×100	0.40×0.28	182	20.3
14×110	0.355×0.25	177	22.2
14×76	0.45×0.355	173	14.3
16×100	0.4×0.28	160	17.7
17×120	0.355×0.224	155	22.4
16×120	0.28×0.224	145	19.2
20×140	0.315×0.20	133	21.5
20×170	0.25×0.16	130	28.9
20×110	0.355×0.25	126	15.3
22×120	0.315×0.224	115	15.5
25×140	0.28×0.2	100	15.2

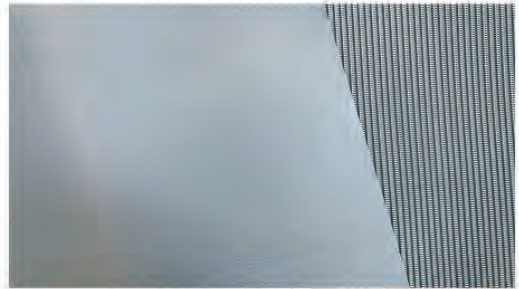
Mesh/Inch Warp xWeft	Wire Dia Warp xWeft mm	Nominal Filtration Fineness µm	Section Area %
24×110	0.355×0.25	97	11.3
28×150	0.28×0.18	92	15.9
30×150	0.25×0.18	82	13.5
30×140	0.315×0.20	77	11.4
40×200	0.18×0.135	63	15.4
45×250	0.16×0.11	56	15.2
50×300	0.16×0.09	55	20.0
60×500	0.14×0.055	51	34.1
50×270	0.14×0.10	50	15.2
70×930	0.10×0.03	30	36.2
65×390	0.125×0.071	42	19.1
60×300	0.14×0.09	41	14.1
80×700	0.125×0.04	40	38.1
60×270	0.14×0.1	39	11.2
77×560	0.14×0.05	38	27.5
80×600	0.1×0.045	37	29.8
70×390	0.112×0.071	37	16.3
65×750	0.10×0.036	36	37.1
70×340	0.125×0.08	35	13.2
80×430	0.125×0.063	32	16.6
118×750	0.063×0.036	23	21.5



Twill dutch weave: "Twill" indicates the warp and weft wires pass alternately above two and below two wires. "Dutch" refers to the use of a heavier warp wire diameter in conjunction with a lighter weft wire diameter. This weave shows a combination of twill and dutch weave.



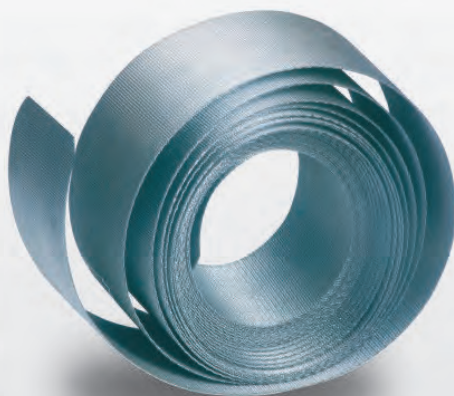
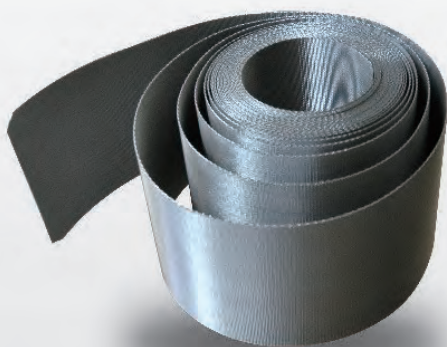
Twill Dutch



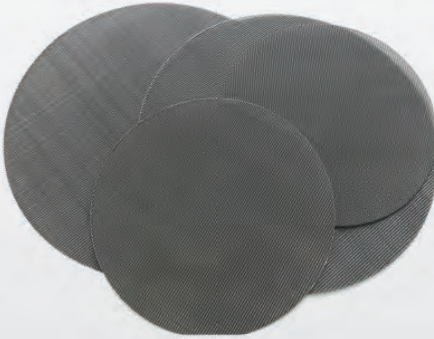
Mesh/Inch Warp xWeft	Wire Dia Warp xWeft mm	Nominal Filtration Fineness µm	Section Area %
20x270	0.25x0.2	119	17.6
20x200	0.355x0.28	118	12.1
24x300	0.28x0.18	110	19.6
20x150	0.45x0.355	101	7.5
30x340	0.28x0.16	89	17.9
30x270	0.28x0.20	77	11.2
40x540	0.18x0.10	70	23.5
40x430	0.18x0.125	63	15.4
50x600	0.125x0.09	51	17.2
50x500	0.14x0.11	47	12
65x600	0.14x0.09	36	12
70x600	0.14x0.09	31	10.1
78x760	0.112x0.071	31	13.5
78x680	0.112x0.08	29	10.3
80x680	0.112x0.08	28	9.8
90x850	0.10x0.063	26	12.7
90x760	0.10x0.071	24	9.6
100x850	0.10x0.063	22	10
200x600	0.061x0.046	21	13.4
130x1500	0.063x0.036	21	18.6
100x760	0.10x0.071	20	7.4

Mesh/Inch Warp xWeft	Wire Dia Warp xWeft mm	Nominal Filtration Fineness µm	Section Area %
130x1200	0.071x0.045	18	12
130x1100	0.071x0.05	17	9.4
165x800	0.071x0.051	17	12.7
150x1400	0.063x0.04	15	11.4
160x1500	0.063x0.036	15	12.4
165x1500	0.063x0.036	14	11.4
174x1700	0.063x0.032	13	12.9
165x1400	0.063x0.04	13	8.8
174x1400	0.063x0.04	11	7.4
203x1600	0.05x0.032	10	9.3
216x1800	0.045x0.03	10	9.4
203x1500	0.056x0.036	9	6.2
250x1900	0.04x0.028	8	7.8
250x1600	0.05x0.032	8	3.8
285x2100	0.036x0.025	7	7.2
300x2100	0.036x0.025	6	6.0
317x2100	0.036x0.025	5	4.7
325x2300	0.036x0.024	4	4.2
363x2300	0.032x0.022	4	4.5
400x2800	0.028x0.020	4	4.7
500x3500	0.025x0.015	3	4.9

Stainless Steel Reversed Dutch Weave >> (Screen Belt Filter)



Mesh	Wire diameter (mm)		Micron Retention (μ m)		Porosity theor (%)
	Warp	Weft	Nominal	Absolute	
132 x 17	0.320	0.450	-	-	-
152 x 24	0.280	0.400	-	105	55
260 x 40	0.150	0.250	125	112-125	54
325 x 38	0.130	0.250	-	-	-
72 x 15	0.450	0.450	-	500-600	-
720x140-150	0.035	0.110	-	16-20	52
630x125-130	0.042	0.125	15	22- 26	53
600x100-105	0.042	0.140	17	34- 38	57
280x60-70	0.090	0.200	25	54- 60	56
175x40-50	0.150	0.300	40	65- 72	55
130x30-35	0.200	0.380	60	95-105	55
			80		57



Low Carbon Steel Wire Mesh >>

Black Wire Cloth Plain Weave		
Mesh	Wire Dia.(mm)	Opening(mm)
8	0.71	2.47
10	0.65	1.89
12	0.6	1.52
14	0.5	1.31
16	0.4	1.19
20	0.4	0.87
24	0.35	1.71
30	0.3	0.55
40	0.25	0.39
50	0.2	0.31
60	0.17	0.25
80x70	0.135	-

Black Wire Cloth Twill Weave	
Mesh	Wire Dia.(mm)
20	0.6
30	0.4
40	0.35
50	0.3
60	0.3
Black Wire Cloth Dutch Weave	
Mesh	Wire Dia.(mm)
12x64	0.58x0.33
14x88	0.50x0.33
24x110	0.36x0.25
30x150	0.23x0.18
40x200	0.18x0.13

Filter Products >





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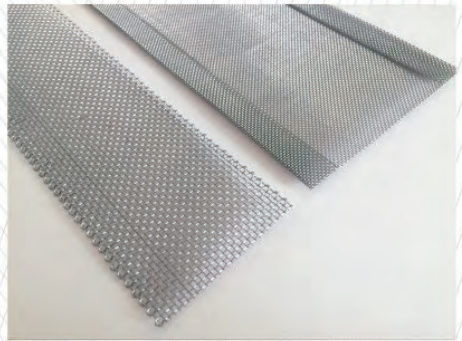
MANSOUR AL-JAWINI EST supplies mesh strips and discs made of stainless steel, iron, copper, nickel materials.

Our self-designed laser and pneumatic cutting machine was equipped with photoelectric correction function. Tolerance can be controlled within $\pm 0.5\text{mm}$.

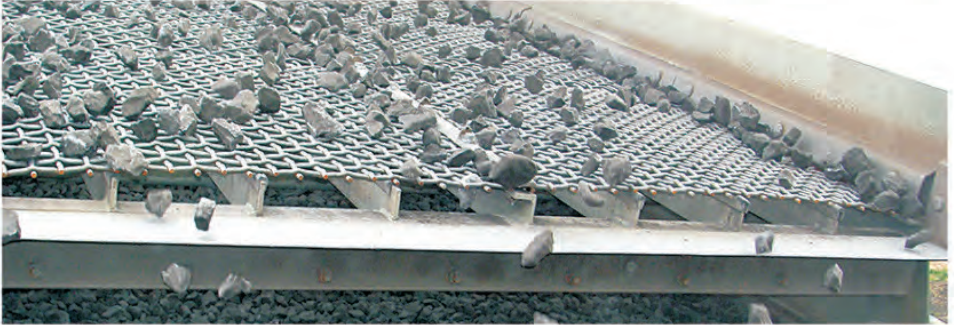
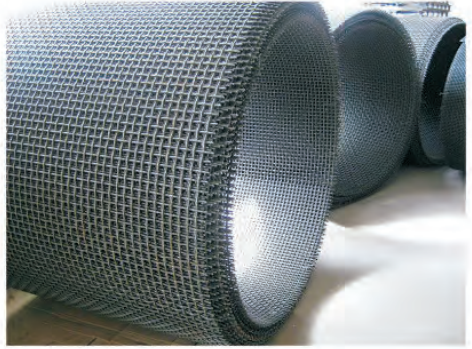
The smallest strip, which we are able to cut from fine cloth in rolls has a width of 10.00mm.

The edge-folding machine is independently developed by our professional engineers, can fold the mesh edge without length limitation.

MANSOUR AL-JAWINI EST can also design and produce other deep processing wire mesh products such as screen cylinder, screen bowl and special-shaped mesh disc according to customer's requirement, which offer customers more techniques.



Crimped Wire Mesh >>

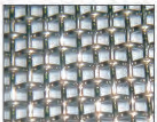


Material: High carbon steel wire, mild steel wire, stainless steel wire, copper wire.

Weaving type: plain crimped, InterCrimped,locked crimped,one-way separated wave bending,two-way bending crimped,flat top,Rectangular Slot,etc.

Width: 1m,1.2m,1.3m,1.5m,1.6m,2m, etc.

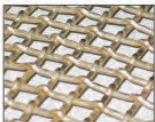
Application: with the stable mesh size,good strength ,crimped wire mesh can be used as fence or filters in industries, such as coal, mine, metallurgy,chemical,pharmacy industry;With the beautiful surface & various types, it is widely used in decoration industry, such us building's façade and staircases, airport stations etc. Also,with its uniform mesh size & high screening precision,crimped wire mesh also widely used in making barbecue mesh and test sieve,etc.



Plain crimped



Rectangular slot



Flat top



Inter crimped



Long slot



Flat wire crimped

Welded Wire Mesh/Mesh Panel >



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1. Material : Low carbon steel wire,Stainless steel wire.
- 2.Surface Treatment : Hot dip galvanized , Electro galvanized, PVC coated.
- 3.Application: Wire mesh is widely used in industry, agriculture, construction, transportation, mining and other industries. Such as machine protective cover, animal livestock fence, garden fence, protective window, channel fences, poultry cages, egg baskets and office food baskets, basket and decoration. Mainly used for general building walls, concrete, high-rise residential and the structure plays an important role in the insulation system of external wall heat inside.
- 4.Characteristics: Mesh smooth, uniform, solid solder joint, the local machining performance, good stability, good corrosion resistance, attractive and durable.
- 5.Wire diameter: BWG2-33
- 6.Mesh size:1"x1", 1"x1/2", 1/2"x1/2", 1/4"x1/4", 3/4"x3/4", 1/4"x1/4", 3/8"x 3/8", etc.
- 7.Mesh Panel Aperture:50mmx50mm, 50mmx60mm ,60mmx60mm, etc.



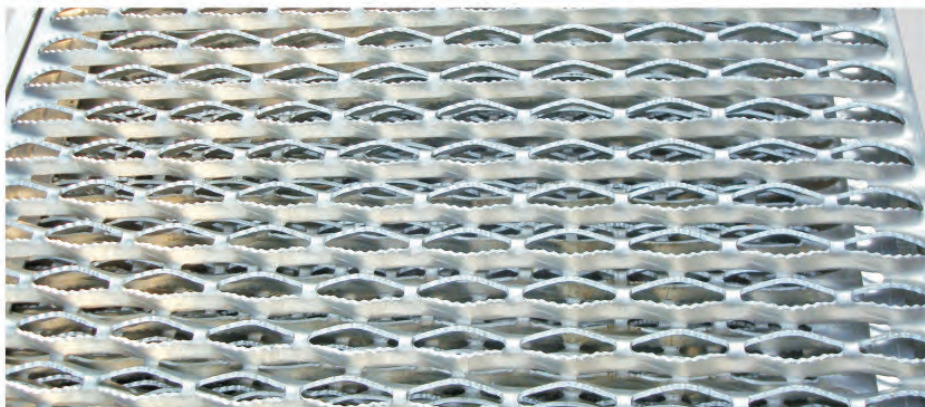
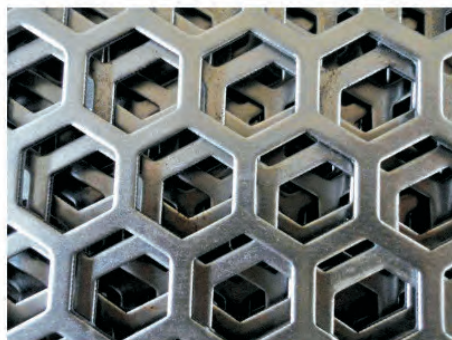
Perforated Metal Mesh >

Material: AISI304, AISI316, ALUMINUM, CARBON STEEL, GI SHEET and Etc.

Thickness: 0.5mm-12mm

Size: 1x2m, 1.22x2.44m, other size can be customized.

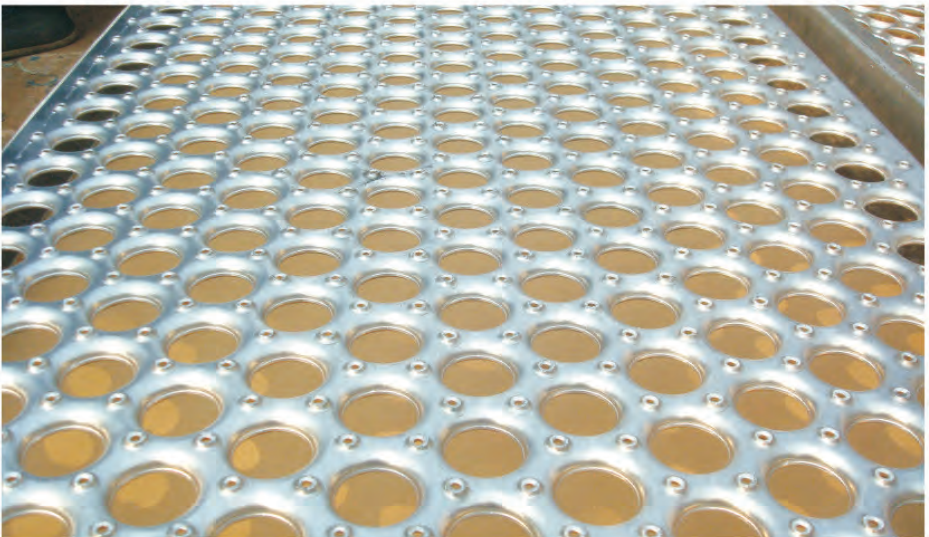
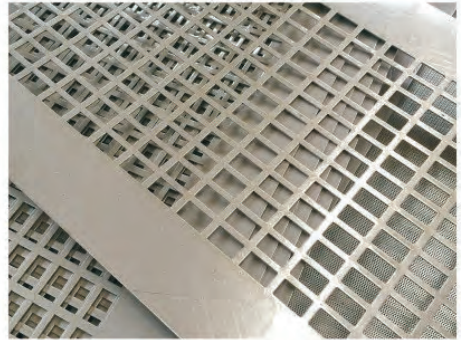
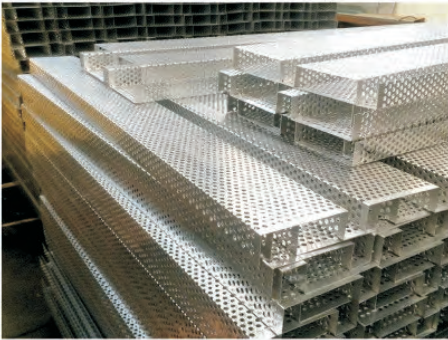
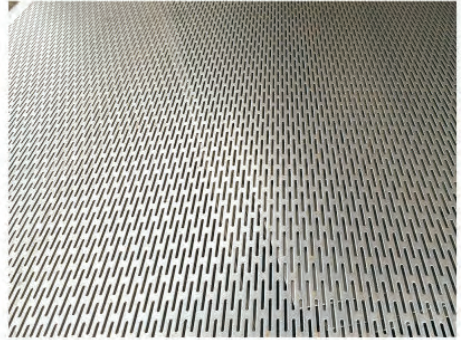
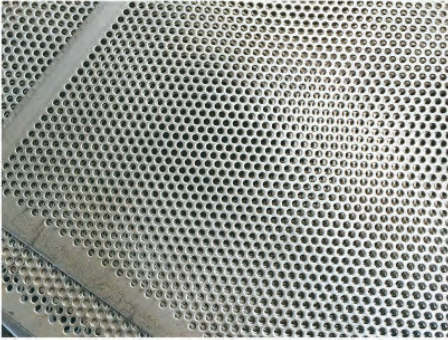
Hole Pattern: Round, Square, Slot, Triangle, Long round, Scale, Diamond, Oval, Hexangular, etc



Perforated Metal Mesh >



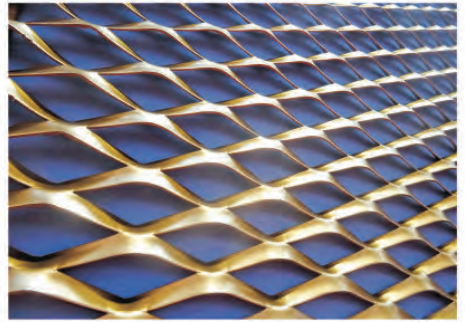
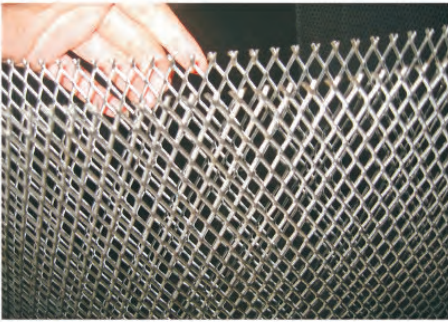
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Expanded Metal >>

Material: Aluminum, AISI 304, AISI316, Carbon Steel, GI Sheet and Etc

Expanded metal mesh is everlasting. It is widely used in filters baskets, air filtration units, medicine, machine guards, animal cages, the protecting of electrical equipment window, safety door & window, room dividers, decorative ceiling, highway fence, civil building. Concrete in for cement, walkway, anti-dazzle panels, plaster trims, fan covers.



Floor Drain >



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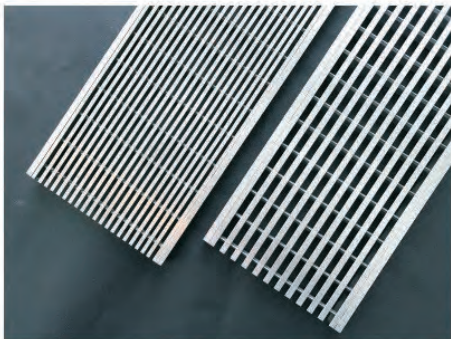
Material: Stainless steel 304, Stainless steel 316.

Size: 50mm–400mm width, 500–3000mm length.

Application range: bathroom, swimming pool, nightclub, spa area, driveways balcony, multi-residential and so on.

Advantages:

- water mark approved and certified.
- manufactured from Marine Grade Stainless Steel.
- Inbuilt fall to assist with water flow.
- Special orders can be manufactured to your specific size requirements.



Architectural Mesh >



Architectural mesh is weaved with high quality stainless steel wire, aluminum alloy wire, brass wire, copper wire or other alloy materials. It is a new decorative materials in the modern construction industry and widely used as curtains in house, screens for dining hall, isolation in hotels, ceiling decoration, decoration in trade fair exhibition and retractable sun protection, etc. With its versatility, unique texture, variety of colors, durability, metal wire mesh fabric offers a modern decoration style for constructions. It offers a variety of color changes with light and given unlimited imagination.



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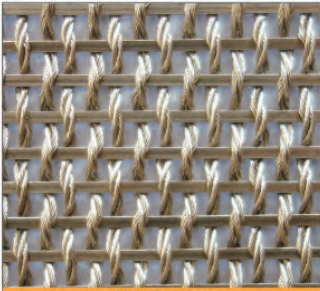
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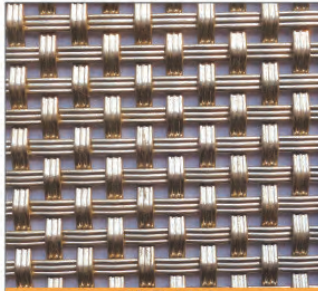
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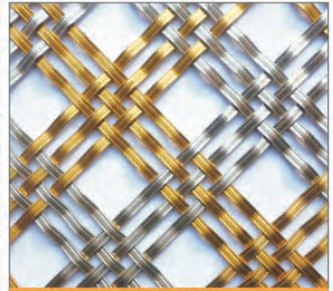
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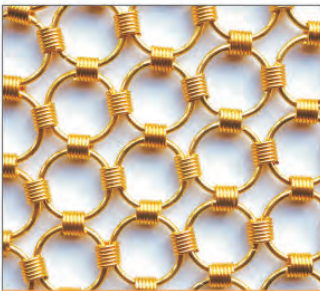
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AM-T-3310



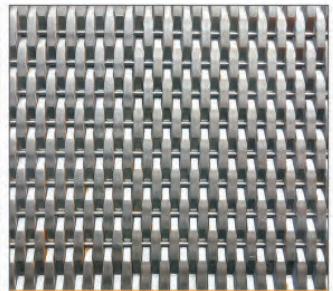
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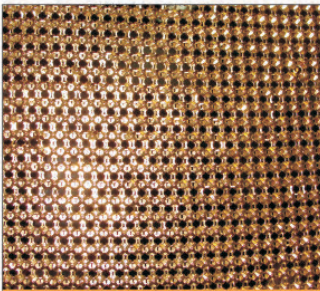
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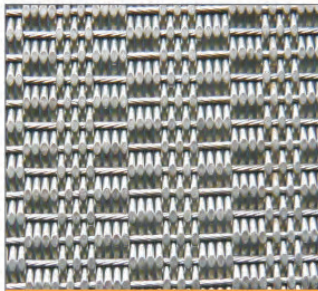
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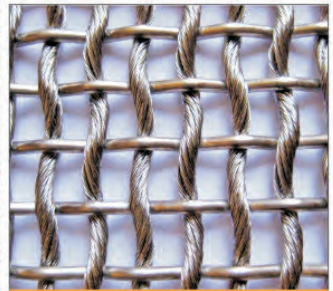
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AM-O-1530

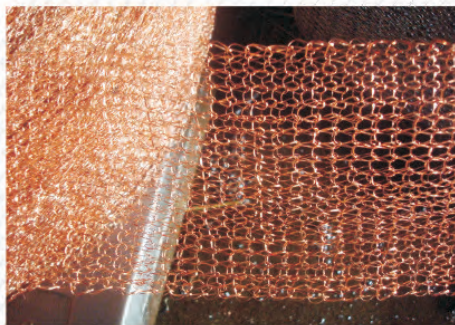


AM-L-4840



AM-Y-4525

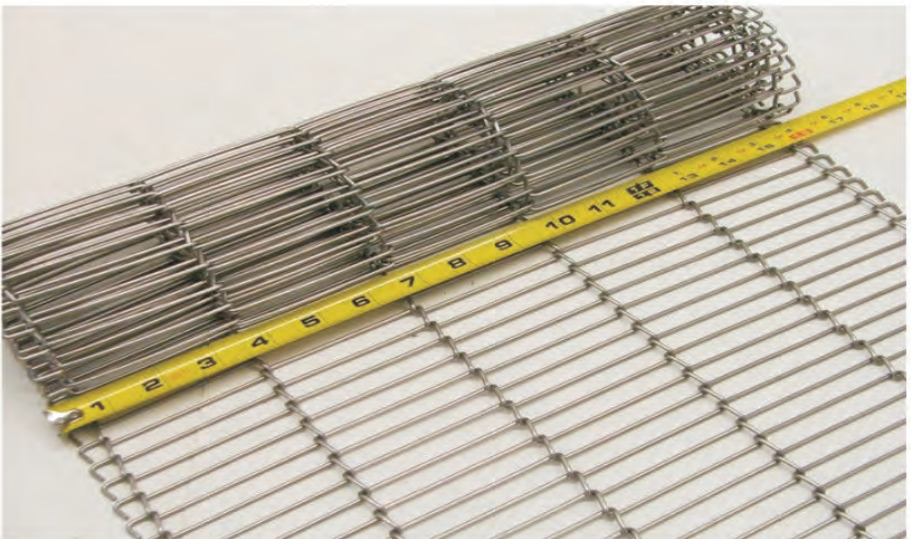
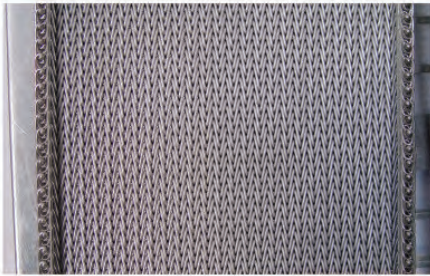
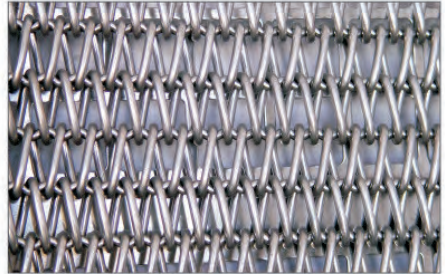
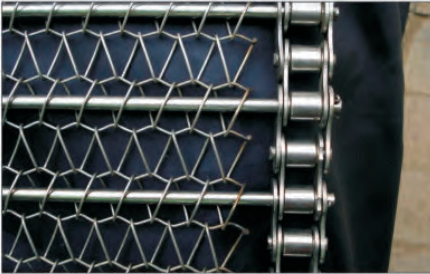
Knitted Wire Mesh >



Wire Belt »



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Security Fence >

Panel

Using high quality Iron rod as raw material, the welded panel, after galvanization, Powders Primer, and powders top coating. It can resist the corrosive and ultraviolet radiation very strongly. The thickness of powder coating is 100 to 200 microns usually.

Fence Panel Size: 2.5 M X 630mm to 2630mm or available on request.

Fence Wire Diameter: 2.0 to 8.0mm .

Fence Panel Hole : 50 X 200mm or available on request.

Post

This system usually choose square post 50 X 50mm , 60 X 60mm

Rectangular Post: 60 X 40 mm, 80 X 60mm, 120 X 60mm

With the high strength and so on. With plastic caps or Roofing rain hat. The finished surface usually is galvanized and powder coated or alternatively.



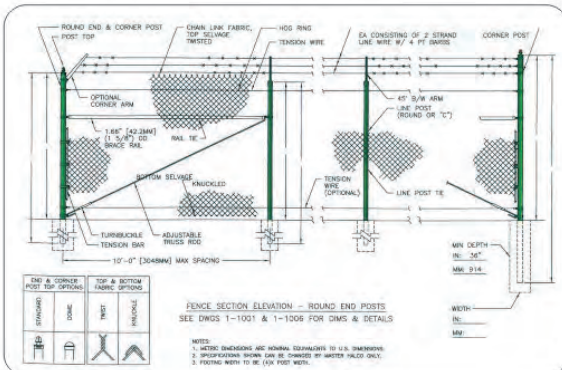
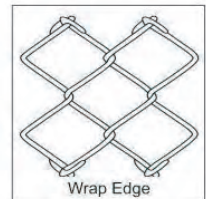
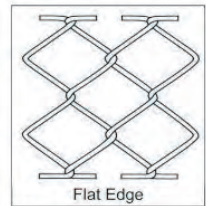
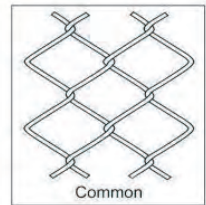


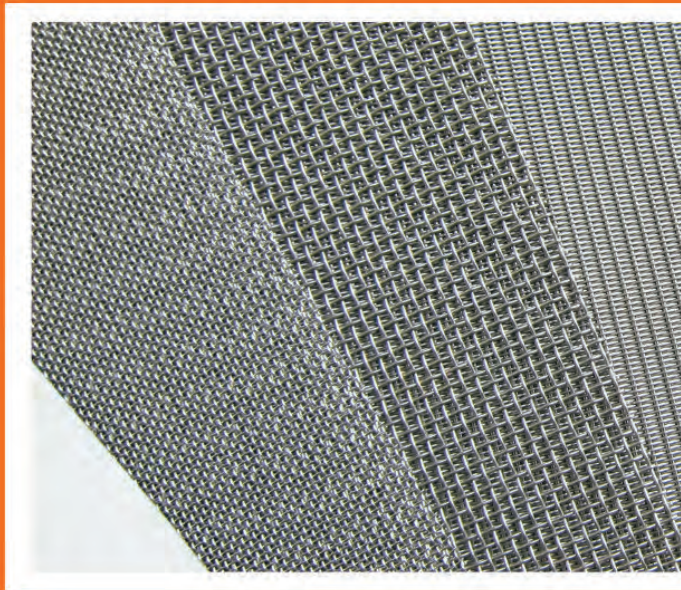
Chain Link Fence



Opening	1"	1.5"	2"	2.25"	2.4"	2.5"	3"	4"
	25mm	40mm	50mm	55mm	60mm	65mm	76mm	100mm
Wire diameter	18#-7# 1.20mm-5.00mm							
Length of the roll	1.0m-50m							
Width of the roll	0.5m-5.0m							

Materials and specifications can be made according to customers specific requirements.





Mansour Al Jawini Establishment

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