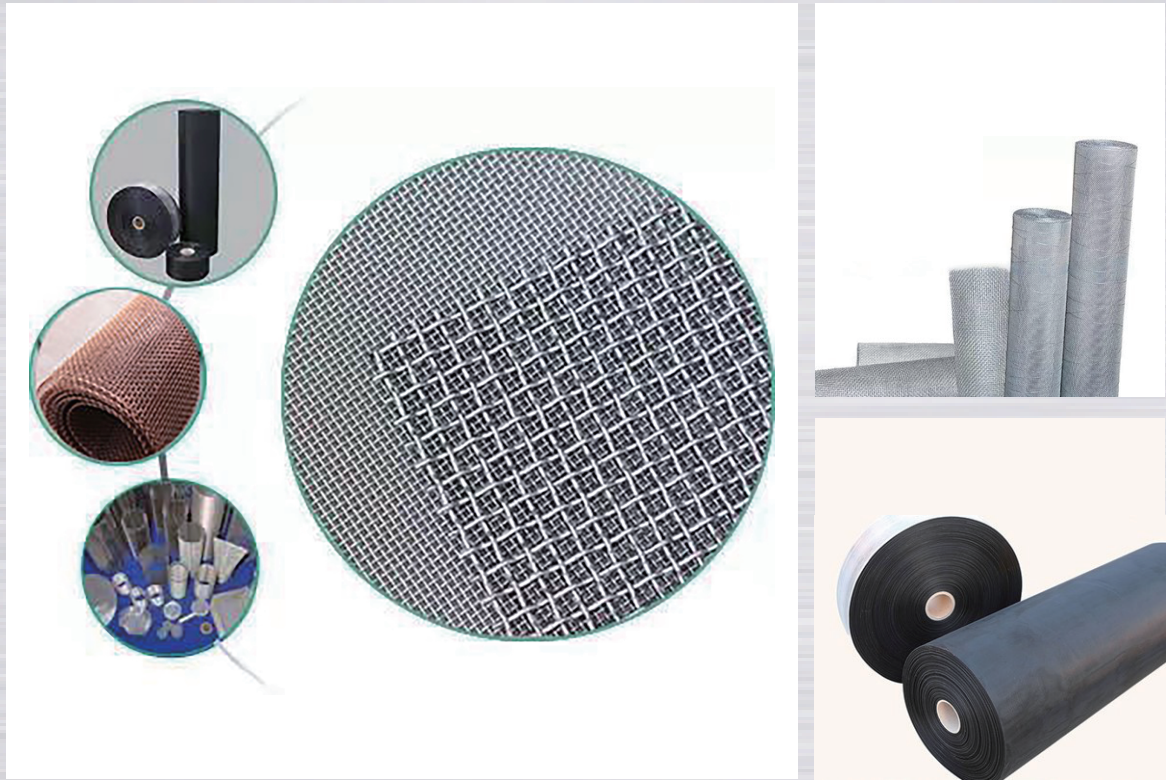




Milesen Metal Net Products Co.,Ltd



Corporate Brochure

Milesen Metal Net Products Co.,Ltd

ISO Registered #:06721Q20630R1M

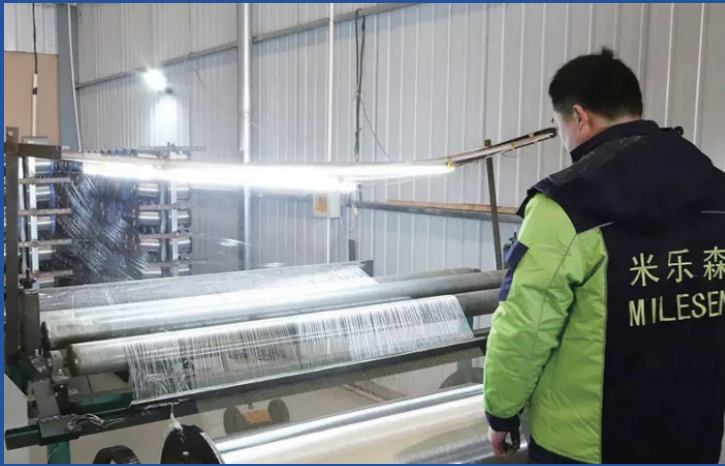
GB/T 19001-2016/ISO 9001:2015

Mobile: +8615081176811

+8615512988999

Email: admin@milesen.cn

URL:www.milesenwiremesh.com



ABOUT US



- Established in 2010, Milesen is located in Anping County, China, known as the famous hometown of wire mesh. As a professional company integrating production and sales, Milesen possess a comprehensive production system and a reliable quality control.
- After 13 years of development, Milesen currently has more than 80 sets stainless steel wire mesh weaving machines with annual output 2 million square meters and 40 epoxy coated base mesh weaving machines. We have 2 independently designed epoxy coating lines with an annual capacity exceeding 5 million square meters.
- Milesen's main products include stainless steel woven mesh, epoxy coated mesh, galvanized woven mesh, brass mesh and other alloy metal woven mesh, 98% of the products exported overseas.
- Milesen obtained ISO quality management certificate in 2016 and conduct quality control among all the process of weaving and mesh final inspection. Olympus Handheld XRF Analyzer and 500times magnification aperture testing equipment have been applied .



Delivery Time :
7-10 working days for regular items



30-45 working days for
customized products.

OUR GOALS:



To provide customers with high-quality and durable metal woven mesh;



To offer comprehensive services to customers;



To provide timely responses to customers;



To innovate and continuously improve our business process;



To take social and environmental responsibility.



Quality Control



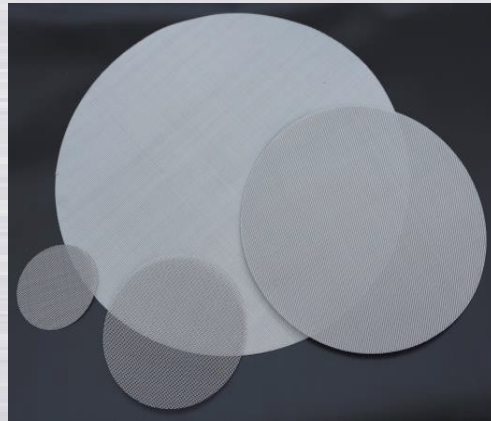
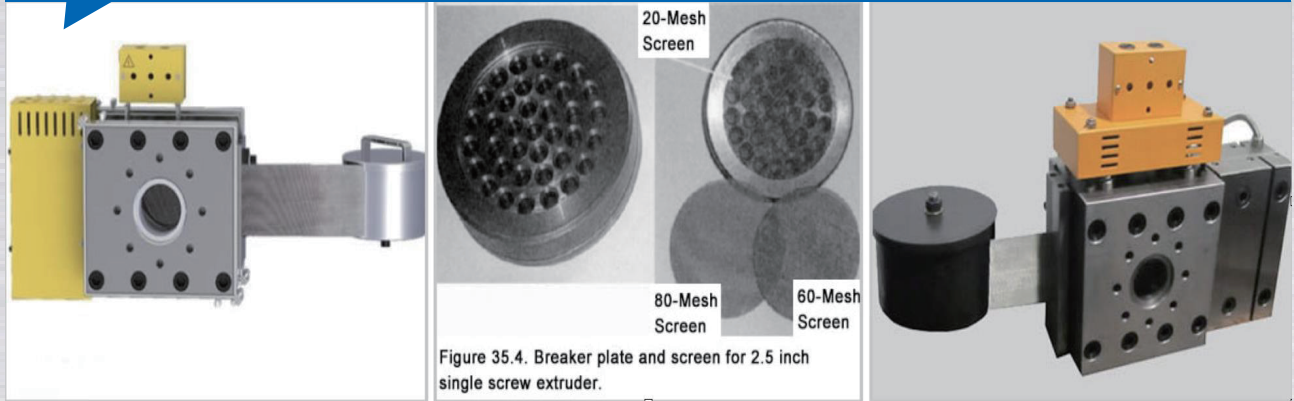
- Milesen obtained Certificate of GB/T19001-2016 /ISO9001:2015;ISO Registered #:06721Q20630R1M ,we have abundant experience in quality management, optimized production process and strict quality control methods:Production Plan, FAI and Routing Checking and 100% Inspection before shipment have been fully implemented, which ensures to provide high quality products for customers.
- Milesen in house test includes X-Ray Inspection, Micron Testing, Mesh Roll Inspection and Relative customized test.We can support with salt spray test and Rohs Directive Test Reports, White House Micron Test Report, MSDS Certificate; etc.
- Based on ISO9001 quality system and mesh quality standard ASTM E2016-15 standard,we conduct 100% pre-shipment test,includes mesh size /aperture/wire dia/ mesh dimension /weaving defects, etc.
- Stretching is a feasible way to adjust the weft wire straightness and make the mesh more strong. Slitting is another quality control when slit mesh; we will re-inspect the mesh defects and mesh surface.
- Milesen conducts salt spray test, high temperature anti-oil test and pleating testing against sample producing and mass production. Pleating equipment which can simulate the manufacturing process or customized manufacturing process, and test the epoxy resin painting performance, epoxy resin coated products performance based on different temperature, it will benefit for promoting new products development.





Main Applications

- Extruder screen and Screen changers dedicated in plastic and rubber recycling process.

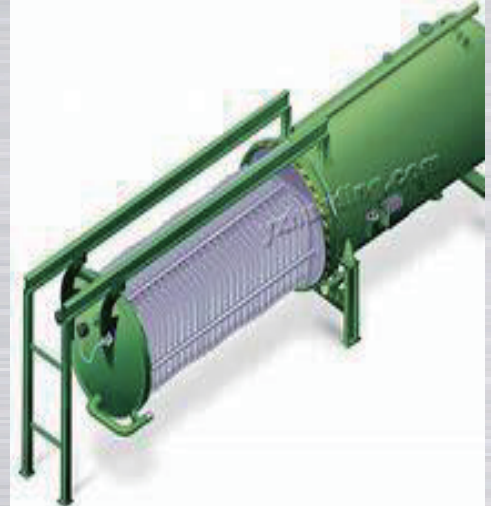
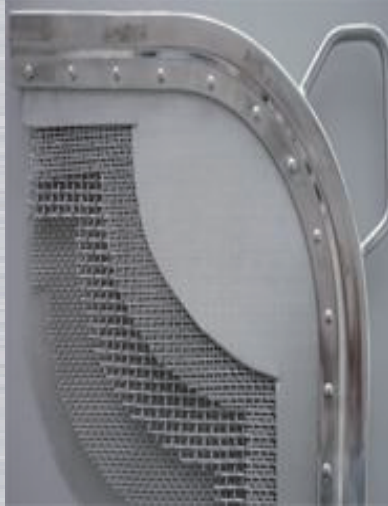


- Screen are an integral part of most downhole sand control strategie. Shrouded Metal Mesh Screen are made of drainage layer, mesh, filtration layer mesh ,normally the filtration mesh are Dutch Weave Mesh.

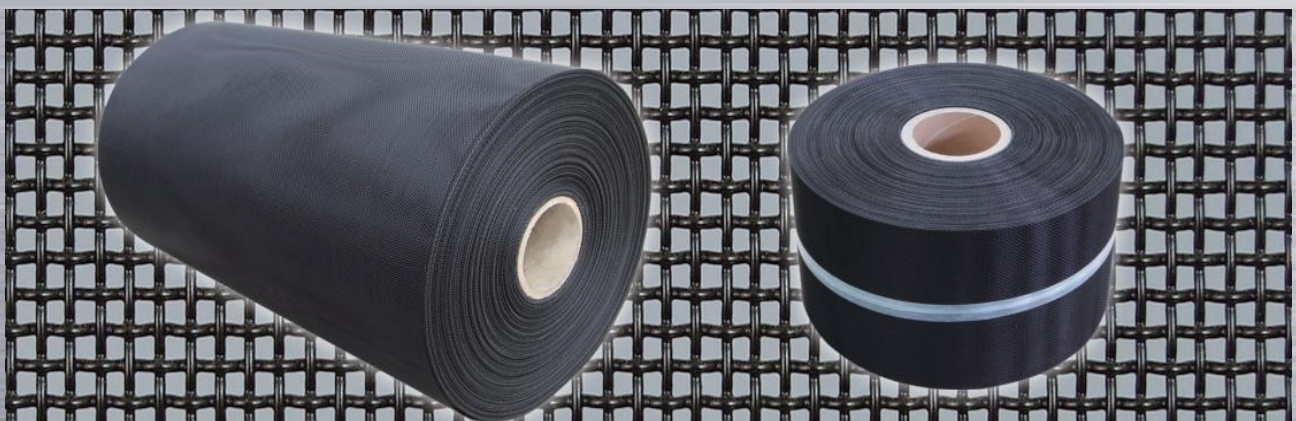
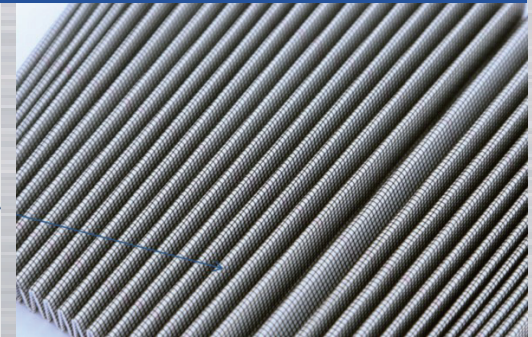




- Stainless Steel wire mesh owns a typical characteristic is anti strong acid and corrosion;and plays a vital performance in leaf filters.



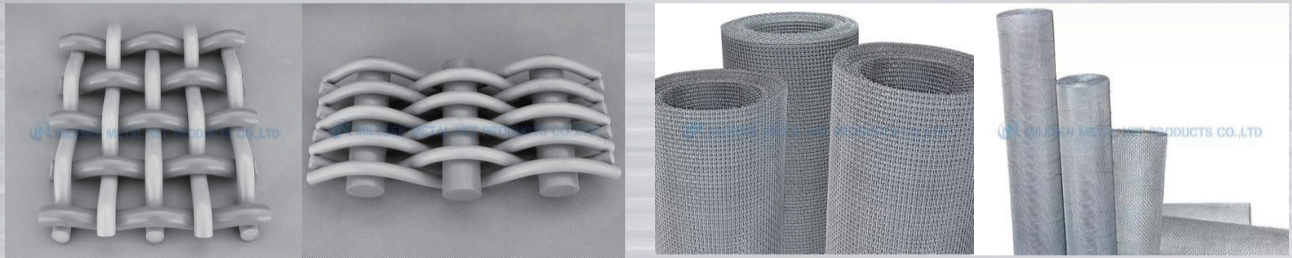
- Industrial epoxy mesh is mainly used in hydraulic or air filters as the supporting layers, it is the main part of the filters.





Stainless Steel Wire Mesh Spec

- According to the opening type and woven type, the stainless steel woven mesh can be divided into square mesh(plain weave, twill weave), dutch weave mesh(plain dutch weave, twill dutch weave, double warp dutch weave, reverse plain dutch weave, reverse twill dutch weave, optimized design).



- Woven Square mesh normally includes Plain Weave ,Twill Weave and Tensile Bolt Cloth.
Alloy: 201,304,304L,316,316L,321,317L 904L,NiCr 8020, titanium,Ni.

Detailed Specifications of square mesh:

Plain Weave Mesh (Normal Spec.)					
Mesh count	Wire Dia		Width of Opening		Open area
	Inches	mm	Inches	mm	%
1X1	0.157	4	0.84	21.4	71
4X4	0.063	1.6	0.187	4.75	56
8X8	0.043	1.1	0.08	2.08	42
10X10	0.039	1	0.06	1.54	36
12X12	0.023	0.584	0.06	1.52	51.8
14X14	0.023	0.584	0.048	1.22	45.2
16X16	0.018	0.457	0.0445	1.13	50.7
18X18	0.017	0.432	0.0386	0.98	48.3
20X20	0.016	0.406	0.034	0.86	46.2
24X24	0.014	0.356	0.0277	0.7	44.2
30X30	0.012	0.305	0.0213	0.54	40.8
35X35	0.011	0.279	0.0176	0.45	37.9
40X40	0.01	0.254	0.015	0.38	36
50X50	0.008	0.203	0.012	0.31	36
60X60	0.0075	0.19	0.0092	0.23	30.5
70X70	0.0065	0.165	0.0078	0.2	29.8
80X80	0.0055	0.14	0.007	0.18	31.4
100X100	0.0043	0.11	0.0055	0.14	32.15
120X120	0.0031	0.08	0.0046	0.132	38.77
150X150	0.026	0.06	0.0041	0.1041	37.4
180X180	0.002	0.05	0.0036	0.091	41.65
200X200	0.0021	0.05	0.0029	0.0737	35.49
250X250	0.0012	0.03	0.0028	0.0716	49.4
300X300	0.0012	0.03	0.00215	0.05467	41.67
325X325	0.0012	0.03	0.0019	0.0482	38.09
400X400	0.001	0.025	0.00152	0.0385	36.72



Twill Weave Mesh (Normal Spec.)

Mesh count	Wire Dia		Width of Opening		Open area
	Inches	mm	Inches	mm	%
20	0.0236	0.6	0.02638	0.67	44.89
30	0.0177	0.45	0.01562	0.397	15.73
40	0.0118	0.3	0.01319	0.335	11.22
50	0.0098	0.25	0.01016	0.258	6.66
60	0.0094	0.24	0.00722	0.183	3.36
80	0.0071	0.18	0.00541	0.138	1.89
100	0.0059	0.15	0.00409	0.104	1.08
120	0.0047	0.12	0.00361	0.092	0.84
150	0.0031	0.08	0.00352	0.089	0.8
250	0.0016	0.04	0.00243	0.062	0.38
270	0.0016	0.04	0.00213	0.054	0.29
300	0.0016	0.04	0.00176	0.045	0.2
325	0.0014	0.035	0.0017	0.043	0.19
400	0.0012	0.03	0.00132	0.034	0.11
500	0.001	0.025	0.00102	0.026	0.07
635	0.0008	0.02	0.00079	0.02	0.04

Tensile Bolt Cloth Spec.

Mesh count	Aperture Size		Wire Dia.		Opening Area (%)	Weight (g/m ²)
	inch	mm	Inch	mm		
16×16	0.0535	1.36	0.009	0.229	73.3	8.38
18×18	0.0466	1.18	0.009	0.229	70.2	9.48
24×24	0.0342	0.869	0.0075	0.191	67.2	8.75
28×28	0.0282	0.716	0.0075	0.191	62.4	10.29
30×30	0.0268	0.681	0.0065	0.165	64.8	8.35
36×36	0.0213	0.541	0.0065	0.165	58.7	10.09
40×40	0.0185	0.47	0.0065	0.165	54.8	11.29
50×50	0.0145	0.368	0.0055	0.127	52.6	10.14
60×60	0.0122	0.31	0.0045	0.114	53.3	8.13
70×70	0.0106	0.269	0.0037	0.094	54.9	6.4
76×76	0.0095	0.241	0.0037	0.094	51.7	6.99
80×80	0.0088	0.224	0.0037	0.094	49.6	7.39
90×90	0.0076	0.193	0.0035	0.089	47.8	7.48
94×94	0.0071	0.18	0.0035	0.089	45	7.84
105×105	0.0065	0.165	0.003	0.076	46.9	6.41
120×120	0.0058	0.147	0.0025	0.064	47.3	5.07
165×165	0.0042	0.107	0.0019	0.048	47.1	4.04
200×200	0.0034	0.0864	0.0016	0.0406	46.2	3.48
230×230	0.0029	0.0737	0.0014	0.0356	46	3.06



- Dutch Weave: Plain Dutch Weave & Twill Dutch Weave Mesh & Reverse Dutch Twill Belt
Alloy: 304,304L,316,316L,321,317L 904L Max Width for Dutch Weave :3 Meters

Plain Dutch Weave Spec.					
Weaving method	Warp Count	Weft Count	Warp Wire (mm)	Weft Wire (mm)	Normal (micron)
PD	8	45	0.8mm	0.6mm	310
PD	8	85	0.43mm	0.32mm	250
PD	8	85	0.45mm	0.28mm	249
PD	12	64	0.56mm	0.4mm	211
PD	12	64	0.58mm	0.4mm	300
PD	12	72	0.4mm	0.38mm	300
PD	14	100	0.4mm	0.28mm	182
PD	16	80	0.43mm	0.34mm	200
PD	16	100	0.4mm	0.26mm	160
PD	20	110	0.355mm	0.25mm	126
PD	20	150	0.45mm	0.355mm	101
PD	24	110	0.355mm	0.25mm	120
PD	30	150	0.23mm	0.18mm	90
PD	30	150	0.25mm	0.18mm	82
PD	40	200	0.18mm	0.14mm	70
PD	40	200	0.18mm	0.135mm	63
PD	50	250	0.14mm	0.114mm	60

Twill Weave Mesh (Normal Spec.)					
Weaving method	Warp Count	Weft Count	Warp Wire (mm)	Weft Wire (mm)	Normal (micron)
TD	80	400	0.125mm	0.071mm	40
TD	80	700	0.1mm	0.077mm	25
TD	80	700	0.112mm	0.08mm	29
TD	80	700	0.125mm	0.04mm	40
TD	130	1100	0.071mm	0.05mm	17
TD	165	800	0.1mm	0.077mm	15
TD	165	1400	0.063mm	0.04mm	13
TD	165	1400	0.068mm	0.04mm	10
TD	200	1400	0.068mm	0.04mm	5
TD	203	1600	0.05mm	0.032mm	10
TD	216	1800	0.045mm	0.03mm	10
TD	325	2300	0.036mm	0.024mm	4
TD	325	2300	0.036mm	0.025mm	2
TD	400	2700	0.028mm	0.02mm	4
TD	500	3500	0.025mm	0.015mm	3



- Dutch Weave: Plain Dutch Weave & Twill Dutch Weave Mesh & Reverse Dutch Twill Belt
Alloy: 304, 304L, 316, 316L, 321, 317L 904L Max Width for Dutch Weave : 3 Meters
- Milesen also provides some high-end wire mesh in the plastics industry, such as: Reverse Dutch Twill Belt

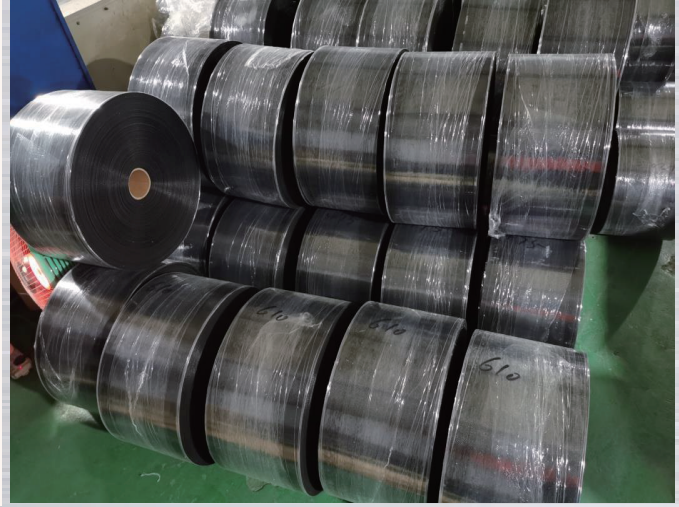
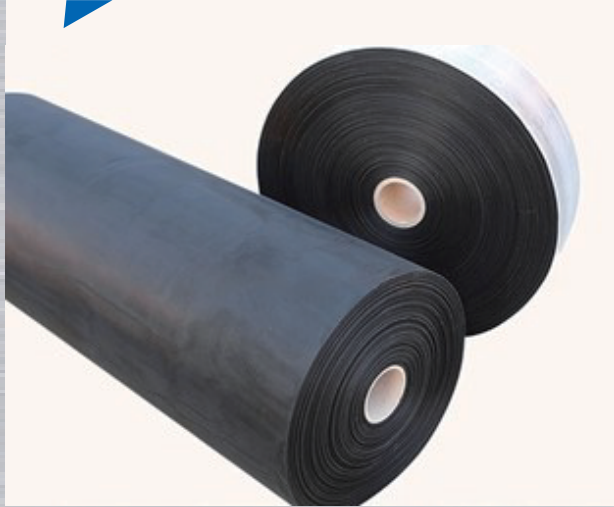
Popular Sizes of Continuous Belts Filter (Reverse Dutch Weave)

Warp Count	Weft Count	Wre Dia(mm)	Filtration Data (micron)	Width(mm)	Length(mm)
48	10	0.5x0.5	400	40-210	10 or 20
63	18	0.4x0.6	220	40-210	10 or 20
73	15	0.45x0.55	250	40-210	10 or 20
100	16	0.35x0.45	190	40-210	10 or 20
107	20	0.24x0.60	210	40-210	10 or 20
120	16	0.35x0.45	180	40-210	10 or 20
132	17	0.32x0.45	170	40-210	10 or 20
152	24	0.27x0.40	160	40-210	10 or 20
160	17	0.27x0.45	160	40-210	10 or 20
170	18	0.27x0.45	160	40-210	10 or 20
171	46	0.15x0.30	130	40-210	10 or 20
180	20	0.27x0.45	170	40-210	10 or 20
200	40	0.17x0.27	120	40-210	10 or 20
240	40	0.15x0.25	70	40-210	10 or 20
260	40	0.15x0.27	55	40-210	10 or 20
290	76	0.09x0.19	40	40-210	10 or 20
300	40	0.15x0.25	50	40-210	10 or 20





- Epoxy Coated Mesh as hydraulic filter and air filter supporting layer to backup filter paper or non woven cloth .which used to filter out the system of particulate debris and rubber impurities, to ensure the cleanliness of the hydraulic system and Air Filtration System.



- Raw Material: Low Carbon Steel or Plain steel wire / Aluminum Wire.
Color: normally dark gray and black, other color can be customized.

Standard Specification of Epoxy Coated Mesh:

Main Specification of the Epoxy Coated Mesh			
Substrate material	Specification	Width	Length
Q195	17x13/0.17	20mm-1300mm	30m-300m
Q195	18x14/0.18	20mm-1300mm	30m-300m
Q195	18x18/0.23	20mm-1300mm	30m-300m
Q195	12x10/0.25	20mm-1300mm	30m-300m
Q195	22x20/0.18	20mm-1300mm	30m-300m
AI5154A	18x16/0.24	20mm-1300mm	30m-300m
AI5154A	18x14/0.21	20mm-1300mm	30m-300m





• Brass /Copper /Phosphor Bronze Mesh

Milesen copper mesh products are widely used in the industrial filtration, petroleum, chemical industry, printing, electronics, electromagnetic, signal shielding and other fields.



Raw material:
Brass Mesh: H65, H80, H90, H96

Copper mesh: T1, T2, T3
Phosphor Bronze Mesh: QSn6.5-0.1, QSn6.5-0.4

Standard Specification of Brass, Copper and Phosphor Bronze Mesh :

Main Specification of the Copper Mesh				
Mesh	Wire Dia. (MM)			Opening (mm)
	swg	mm	inch	
6mesh	22	0.711	0.028	3.522
10mesh	25	0.508	0.02	2.032
12mesh	26	0.457	0.018	1.66
16mesh	29	0.345	0.014	1.243
18mesh	30	0.315	0.012	1.096
22mesh	30	0.315	0.0124	0.84
24mesh	30	0.315	0.0124	0.743
28mesh	31	0.295	0.0116	0.612
30mesh	32	0.247	0.011	0.573
34mesh	34	0.234	0.0092	0.513
38mesh	35	0.213	0.0084	0.455
40mesh	36	0.193	0.0076	0.442
44mesh	37	0.173	0.0068	0.404
48mesh	37	0.173	0.0068	0.356
60mesh	37	0.173	0.0068	0.25
80mesh	40	0.122	0.0048	0.196
100mesh	42	0.081	0.0032	0.152
120mesh	44	0.061	0.0024	0.108
150mesh	46	0.061	0.0024	0.098
160mesh	46	0.061	0.0024	0.09
180mesh	47	0.051	0.002	0.076
200mesh	47	0.051	0.002	