HEBEI JIKE TRADE CO.,LTD
ZHONGKE INDUSTRIAL PRODUCTS CO.,LTD
ADD:BAONENG CENTER,SHIJIAZHUANG,HEBEI,CHINA 050800
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Email: janeliu@qualitywiremesh.com Web: www.qualitywiremesh.com

We offer a full line of **woven wire cloth** and woven mesh products to meet the requirements for a wide range of applications. We manufacture and supply custom wire cloth of all varieties including plain, twilled, dutch, and reverse dutch and twill. we designs woven wire cloth to meet specific product requirements, reducing clients' costs and increasing production efficiency. Our affiliate weaving and mills manufacture wire cloth and mesh to meet clients' internal specifications, ISO, ASTM and DIN standards.

We are ISO 9001 certified, We stock a full range of stainless steel wire cloth_including 304ss and 316ss woven wire cloth ,and also brass wire mesh,copper wire mesh,Nickle wire mesh etc..

Wire cloth is extremely versatile. From hi tech filtration to insect screening, it is all wire cloth. The list of applications is endless and includes sifting, filtering, carrying, protecting, strengthening, designing, and classifying.

Woven Wire Cloth Options

Plain & Twill Weave Wire Cloth

These weaves are the most economical and are often used for sifting and sizing, particle separation, filtering, safety and security applications. we offer them in a wide range of specifications, alloys and grades.

Plain & Twill Dutch Weave Wire Cloth

Dutch weaves produce a tighter mesh, with superior filtration capabilities. Twill Dutch mesh can be manufactured using micron-sized wire and is used for fine filtration of gas and liquids. Plain Dutch mesh can be produced to twin warp specifications and is used for high temperature and high flow filter media.

Reverse Dutch Weave & Twill Weave Wire Cloth

Reverse Dutch weaves are used for high pressure filtration applications. This type of pattern is used in the food and beverage industry, plastics, aerospace, petrochemical and chemical applications. We can provide reverse Dutch weave belts with high tensile warp wires for a wide range of screen changers.

5 Heddle Weave Wire Cloth

5 Heddle weave is a unique, specialized weave used for high pressure, high flow rate filtering. It is used in the hardboard, chemical and oil refining industries.

Architectural Wire Cloth Products

A variety of weaves and sizes are used for architectural wire cloth, ranging from fine weaves for screens to larger weaves for fencing and security applications. Decorative weaves provide texture and patterns for facades, walls and accents. we supply a full line of stainless steel epoxy coated mesh. Standard colors are black, white, silver and blue.

Pre-Crimp Mesh and Heavy Duty Mesh

Pre-crimped meshes are strong, stable meshes that can maintain their opening and withstand a high flow of heavy materials. They are used in the waste water treatment and refining industries for filtering and sieve media. This type of mesh is also used in a wide range of security and safety products.

Custom Woven Wire Cloth

We can design and manufacture custom wire mesh weaves to meet specific product and application needs, including extra long and extra wide rolls and specialized material selections. Woven edges, variable warp and shuttle count, and woven/welded combinations are some of the custom specifications available. We specialize in cloth woven using nickel-based exotic alloys. Other material selections include stainless steel, carbon steel and alloys. A wide range of coatings and finishes is available.

Our expert staff is ready to work with you to determine the wire cloth weave and material that will meet your requirements, and provide you with an effective, economic solution for your application. Contact us today for a detailed quote.

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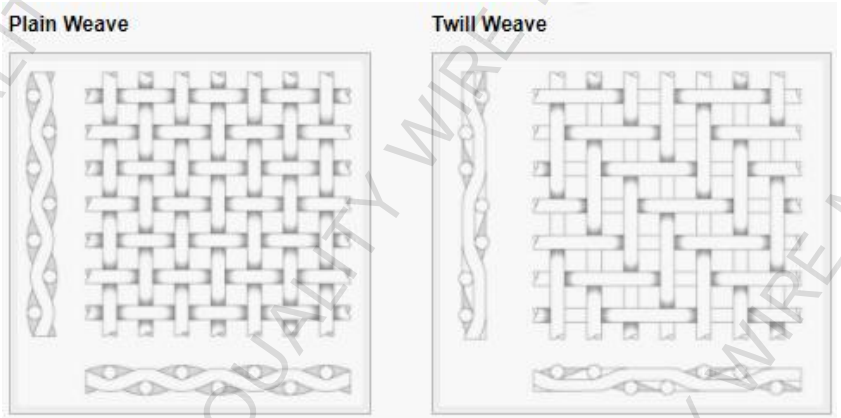

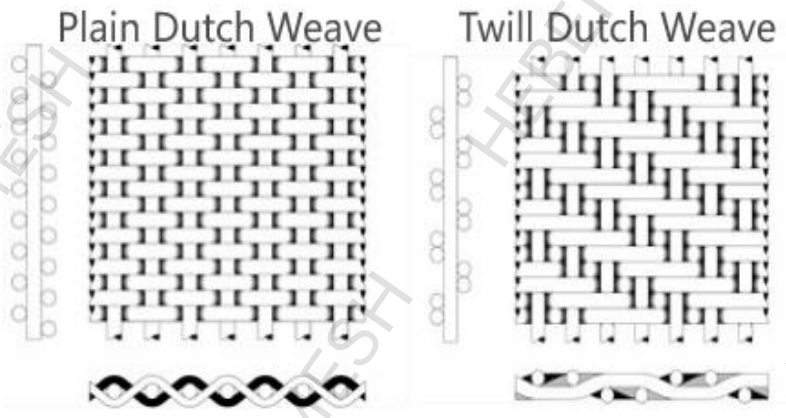

平纹不锈钢网目数重量对照表 Plain Weave				
编织方式 weave method	目数 Mesh	丝径(mm) Wire Dia	网孔(mm) Hole Size	重量（kg/平米） kgs/sqm
平织 PW	1 目	2mm×2mm	23.4	2
平织 PW	2 目	1.5mm×1.5mm	11.2	2.25
平织 PW	3 目	1.0mm×1.0mm	7.466	1.5
平织 PW	4 目	0.9mm×0.9mm	5.45	1.62
平织 PW	5 目	0.8mm×0.8mm	4.28	1.6
平织 PW	6 目	0.7mm×0.7mm	3.53	1.47
平织 PW	7 目	0.6mm×0.6mm	3.02	1.26
平织 PW	8 目	0.5mm×0.5mm	2.675	1
平织 PW	9 目	0.5mm×0.5mm	2.322	1.125
平织 PW	10 目	0.8mm×0.8mm	1.74	3.2
平织 PW	11 目	0.7mm×0.7mm	1.609	2.695
平织 PW	12 目	0.6mm×0.6mm	1.516	2.16
平织 PW	13 目	0.5mm×0.5mm	1.453	1.625
平织 PW	14 目	0.4mm×0.4mm	1.414	1.12
平织 PW	15 目	0.4mm×0.4mm	1.293	1.2

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平织 PW	16 目	0.35mm×0.35mm	1.237	0.98
平织 PW	17 目	0.35mm×0.35mm	1.144	1.041
平织 PW	18 目	0.35mm×0.35mm	1.061	1.1
平织 PW	19 目	0.35mm×0.35mm	0.986	1.16
平织 PW	20 目	0.3mm×0.3mm	0.97	0.9
平织 PW	21 目	0.3mm×0.3mm	0.909	0.945
平织 PW	22 目	0.3mm×0.3mm	0.854	0.99
平织 PW	23 目	0.25mm×0.25mm	0.854	0.718
平织 PW	24 目	0.2mm×0.2mm	0.858	0.48
平织 PW	25 目	0.2mm×0.2mm	0.816	0.5
平织 PW	26 目	0.2mm×0.2mm	0.776	0.52
平织 PW	27 目	0.2mm×0.2mm	0.74	0.54
平织 PW	28 目	0.3mm×0.3mm	0.607	1.26
平织 PW	29 目	0.3mm×0.3mm	0.575	1.3
平织 PW	30 目	0.3mm×0.3mm	0.546	1.35
平织 PW	40 目	0.25mm×0.25mm	0.385	1.25
平织 PW	50 目	0.2mm×0.2mm	0.308	1
平织 PW	60 目	0.15mm×0.15mm	0.273	0.675
平织 PW	70 目	0.14mm×0.14mm	0.222	0.686
平织 PW	80 目	0.12mm×0.12mm	0.197	0.576
平织 PW	90 目	0.11mm×0.11mm	0.172	0.544
平织 PW	100 目	0.10mm×0.10mm	0.154	0.5
平织 PW	120 目	0.08mm×0.08mm	0.131	0.384
平织 PW	150 目	0.07mm×0.07mm	0.099	0.367
平织 PW	180 目	0.05mm×0.05mm	0.091	0.225
平织 PW	200 目	0.05mm×0.05mm	0.077	0.25
平织 PW	250 目	0.04mm×0.04mm	0.0616	0.2
平织 PW	270 目	0.035mm×0.035mm	0.059	0.165
平织 PW	300 目	0.03mm×0.03mm	0.054	0.135

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平织 PW	325 目	0.027mm×0.027mm	0.051	0.118
平织 PW	350 目	0.025mm×0.025mm	0.047	0.109
平织 PW	380 目	0.02mm×0.02mm	0.046	0.076
平织 PW	400 目	0.018mm×0.018mm	0.0455	0.0648

不锈钢斜纹不锈钢网目数孔径对照表 Twill Weave				
编织方式	目数 Mesh	丝径 mm Wire Dia	网孔 mm Hole size	重量（kg/sqm）
斜纹 TW	100 目	0.14mm×0.14mm	0.114	0.98
斜纹 TW	120 目	0.10mm×0.10mm	0.111	0.6
斜纹 TW	150 目	0.07mmx0.07mm	0.093	0.37
斜纹 TW	150 目	0.09mm×0.09mm	0.079	0.607
斜纹 TW	165 目	0.058mmx0.058mm	0.0959	0.28
斜纹 TW	180 目	0.058mmx0.058mm	0.0831	0.3
斜纹 TW	180 目	0.07mm×0.07mm	0.071	0.441
斜纹 TW	200 目	0.06mm×0.06mm	0.067	0.36
斜纹 TW	225 目	0.05mmx0.05mm	0.069	0.28
斜纹 TW	235 目	0.045mmx0.045mm	0.0631	0.24
斜纹 TW	250 目	0.04mmx0.04mm	0.0616	0.2
斜纹 TW	250 目	0.045mm×0.045mm	0.0566	0.253
斜纹 TW	300 目	0.035mm*0.035mm	0.0497	0.18
斜纹 TW	300 目	0.038mm*0.038mm	0.0467	0.22

斜纹 TW	300 目	0.04mm×0.04mm	0.0446	0.24
斜纹 TW	315 目	0.035mmx0.035mm	0.0456	0.19
斜纹 TW	325 目	0.035mm×0.035mm	0.043	0.199
斜纹 TW	350 目	0.03mmx0.03mm	0.0426	0.16
斜纹 TW	350 目	0.032mm×0.032mm	0.0405	0.179
斜纹 TW	350 目	0.035mmx0.35mm	0.0376	0.21
斜纹 TW	360 目	0.03mmx0.03mm	0.04	0.16
斜纹 TW	385 目	0.03mmx0.03mm	0.0377	0.17
斜纹 TW	400 目	0.025mmx0.025mm	0.0385	0.13
斜纹 TW	400 目	0.028mmx0.025mm	0.0355	0.16
斜纹 TW	400 目	0.03mm×0.03mm	0.0335	0.18
斜纹 TW	420 目	0.03mmx0.03mm	0.0302	0.19
斜纹 TW	450 目	0.026mm×0.026mm	0.0304	0.152
斜纹 TW	500 目	0.025mm×0.025mm	0.0258	0.156
斜纹 TW	510 目	0.025mmx0.025mm	0.0248	0.16
斜纹 TW	530 目	0.024mmx0.024mm	0.0239	0.15
斜纹 TW	600 目	0.018mm×0.018mm	0.0243	0.097
斜纹 TW	635 目	0.018mm×0.018mm	0.022	0.102
斜纹 TW	635 目	0.02mmx0.02mm	0.02	0.13
斜纹 TW	800 目	0.016mmx0.016mm	0.0164	0.1
-	-	1 米-2 米宽	-	-

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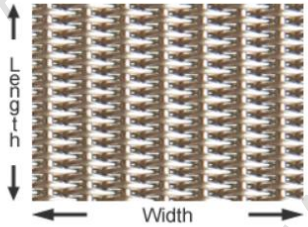
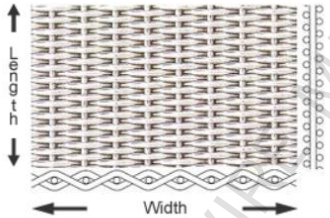
Plain Dutch Weave





PLAIN DUTCH WEAVE					
MESH		Wire Diameter	Estimated Diameter of Penetrating Particle	Thickness	Weight
	Warp×Shute	mm	μ m	mm	kg/m^2
50 MESH	10×50	0.80/0.55	360	1.40	5.7
64 MESH	12×64	0.58/0.43	300	1.25	4.2
80 MESH	14×80	0.45/0.35	250	1.00	3.6
100 MESH	16×100	0.35/0.28	200	0.80	2.7
110 MESH	24×110	0.35/0.25	155	0.80	2.7
120 MESH	24×120	0.33/0.23	150	0.75	2.5
130 MESH	30×130	0.33/0.22	133	0.74	2.5
136 MESH	32×136	0.32/0.21	122	0.70	2.6
150 MESH	30×150	0.26/0.19	125	0.55	2.0
160 MESH	30×160	0.23/0.17	110	0.54	1.7

180 MESH	42×180	0.30/0.165	85	0.53	2.2
200 MESH	24×200	0.22/0.14	88	0.50	1.6
	40×200	0.18/0.14	90	0.38	1.4
250 MESH	50×250	0.14/0.11	78	0.34	1.0
300 MESH	50×300	0.14/0.09	68	0.29	0.9
400 MESH	70×400	0.12/0.065	50	0.23	0.7
450 MESH	80×450	0.14/0.063	48	0.27	0.75
500 MESH	80×500	0.094/0.055	36	0.18	0.55

●In the case of the Plain Dutch Weave, opening sizes are not accurate. Values shown below should be taken as just rough estimations.

★ Often used for centrifugal separation.

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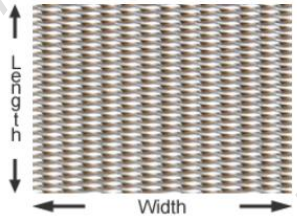
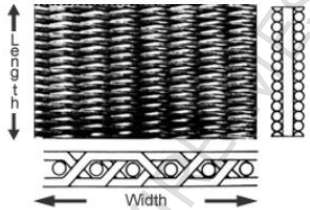
Twilled Dutch Weave





Dutch Twill Weave

●In the case of Plain Dutch Weave, opening sizes are not accurate. Values shown below should be taken as just rough estimation.

TWILL DUTCH WEAVE					
MESH		Wire Diameter	Estimated Diameter of Penetrating Particle	Thickness	Weight
	Warp×Shute	mm	μm	mm	kg/m²
150 MESH	20×150	0.45/0.35	138	1.12	6.6
200 MESH	20×200	0.35/0.28	115	0.90	4.6
250 MESH	20×250	0.25/0.21	87	0.67	3.5
	30×250	0.25/0.21	85	0.67	3.3
300 MESH	30×300	0.26/0.19	77	0.65	3.4
360 MESH	32×360	0.23/0.16	55	0.56	2.7
400 MESH	40×400	0.19/0.135	58	0.48	2.2
500 MESH	50×500 32×500	0.13/0.11 0.18/0.11	46 54	0.36 0.44	1.9 1.9
600 MESH	60×600	0.13/0.09	38	0.33	1.55
	80×600	0.12/0.09	35	0.32	1.7

700 MESH	80×700	0.1/0.065	32	0.26	1.4
800 MESH	100×800	0.08/0.053	22	0.23	1.25
1000 MESH	120×1000	0.065/0.053	20	0.18	1.0
1200 MESH	150×1200	0.065/0.045	16	0.17	1.05
1400 MESH	165×1400	0.065/0.04	15	0.14	0.77
	200×1400	0.07/0.04	14	0.14	0.8
1480 MESH	165×1480	0.065/0.04	13	0.14	0.66
1550 MESH	165×1550	0.065/0.035	13	0.14	0.66
2000 MESH	200×2000	0.05/0.028	12	0.11	0.55
2300 MESH	325×2300	0.035/0.025	5.0	0.085	0.40
2600 MESH	350×2600	0.03/0.022	4.9	0.080	0.40
3000 MESH	400×3000	0.03/0.018	4.5	0.06	0.34
3600 MESH	510×3600	0.025/0.015	4.0	0.05	0.26

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Reversed Plain Dutch Weave(RPDW)

Reversed plain dutch weave (RPDW)*: fine and robust
PZ Microdur weave, also known as reversed plain dutch weave, is used in solid-liquid filtration, where it combines the important properties of a fine metallic wire mesh with increased mechanical stability. The plain weave mesh has a high number of wires with thin diameters in the warp direction and a relatively small number of wires with a greater diameter in the weft direction. It has proved outstandingly successful in all applications in which high demands are placed on the mechanical stability of the metallic mesh due to backwashing, centrifugal filter cake removal or cleaning processes.

Reversed Dutch Twill Weave (RDTW)

Reversed dutch twilled weave (RDTW)*: maximum pore stability
RDTW meshes are reversed dutch twilled weave meshes developed for increased strength. In order to achieve this, the original plain weave of the PZ mesh was modified with a twilled weave. The weave technology enables an even pore size and stability, high flow rates and narrow tolerance regarding pore size. In many cases, the RDTW mesh is referred to as KPZ.

5-heddle atlas weave (Tela)

5-heddle atlas weave (Tela): high flow rates
6-heddle atlas weaves or Tela meshes, are highly sophisticated filtration meshes that combine high flow rates with mechanical stability. On one side, the 5-heddle weave pattern mesh has a smooth surface, which ensures that the filter cake layers formed are particularly even. On the other side, the surface is coarse. This weave makes the mesh very easy to clean. Tela meshes have proven particularly successful in systems with drum filters or disc filters in which filter cake build-up, cleaning and backwashing are performed at regular intervals.

Multibraid weave (MW)*
weaving wire bundles

Multiplex or multibraid mesh is manufactured by weaving wire bundles in warp and weft direction and is particularly well-suited to large-area filters. The result is a mesh with higher overall strength and textile properties when tensioning across other structures. The wire bundle lends the mesh a perfect combination of flexibility and mechanical strength – which are particularly important for large filters. Moreover, the particularly smooth surface facilitates an even and stable filter cake build-up.

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Hybrid weaves consist of at least two materials woven together, thus ensuring optimal functionality and allowing the positive properties of the individual wires to be combined. This is generally possible for all mesh types. Numerous properties are optimized using this procedure, including mechanical characteristics such as strength, flexibility or weight reduction, and manufacturing costs can also be reduced when large quantities are purchased. The mesh usually consists of at least one metallic component. Common combinations include plastics (PTFE or PEEK) and metal or glass and metal, for example. Unorthodox material combinations are also possible here, thus allowing the creation of mesh surfaces with special properties.

With volumetric weaves, two-dimensional mesh weave successfully conquers the third dimension. It can be created using a variety of materials, thereby enabling many individual product characteristics such as temperature resistance or media resistance. In the filtration process, volumetric weave stands out thanks to its low pressure loss. An innovative weaving technique allows volume porosities of up to 90%, while the defined irregular filter openings guarantee reliable filtration even when the filtration area is reduced. Alongside the impressive functionality, the outstanding priceperformance ratio makes it particularly attractive for cost-sensitive applications.

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Optimized dutch weave (ODW) high permeability

Optimized dutch weave is obtained by refining plain dutch weave for ultra fine filtration and is made up of a small number of thick warp wires and numerous thin weft wires. Due to the larger number of fine weft wires, these are interlocked during the production process. The result: slot-like openings with very small pore sizes (small edge length), which deliver a high level of permeability. Like plain dutch weave, optimized dutch weave is also highly resistant to mechanical loads. One of the most frequent applications for this product is for the filtration of fresh water and sewage.

Reversed optimized dutch weave (RODW)* high stability

With the optimized version of PZ Microdur mesh, the number of thin warp wires is increased until they can be slid into each other. This creates a filtration surface with more, and smaller, openings, thus allowing flow rates to be significantly increased. This in turn results in good characteristics for backwashing and cleaning as well as for centrifugal filter cake removal processes.

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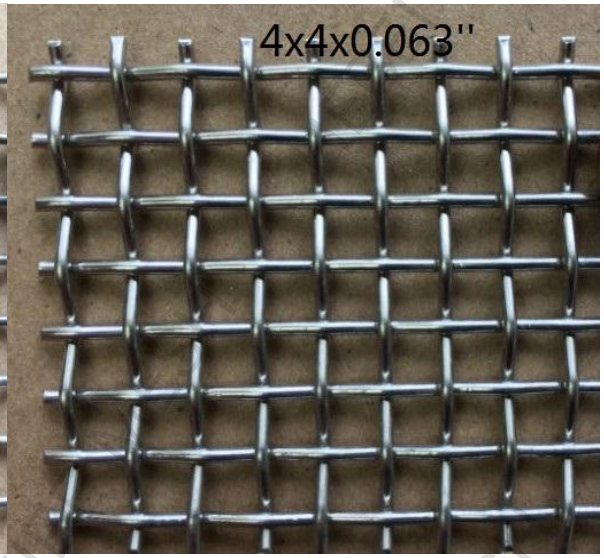
Porometric weave (PW):
highest flow rate and dirt holding capacity

At a constant volume flow, the higher porosity of the Porometric filtration mesh resulting from its design reduces the highest, local pore velocity by up to 40% compared to conventional filtration meshes. The lower maximum pore velocity results in lower wear of the filter material through particles. At the same time, however, the flow rate increases significantly when using this new mesh type. Particles at the required separating limit are separated quickly and reliably. In addition, the slit oder slotshaped pores create superior backwashing capabilities. The dirt holding capacity is also many times higher than in comparable filtration meshes thanks to the special pore arrangement. A broad spectrum of solid/liquid filtration applications can be covered thanks to a geometric pore size of 13 µm


2X2X0.063''


4X4x0.047''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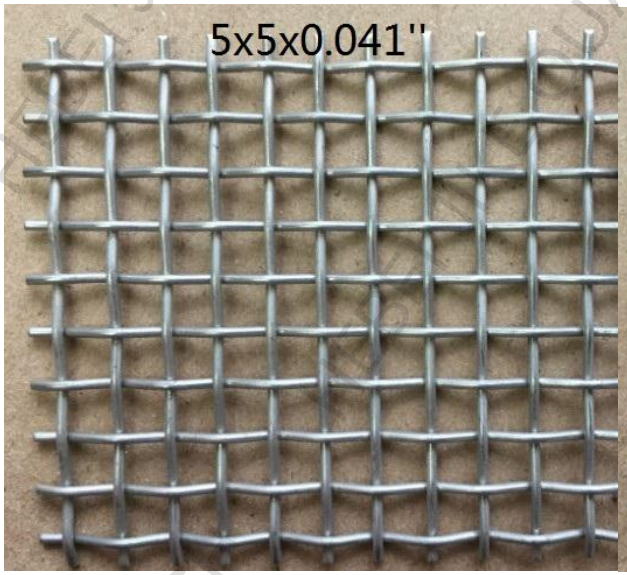
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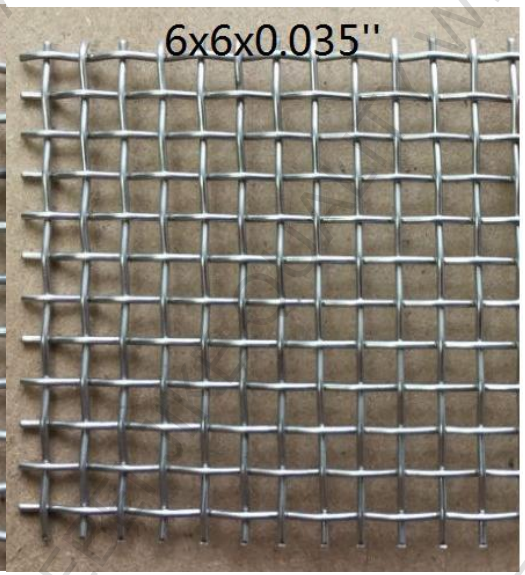
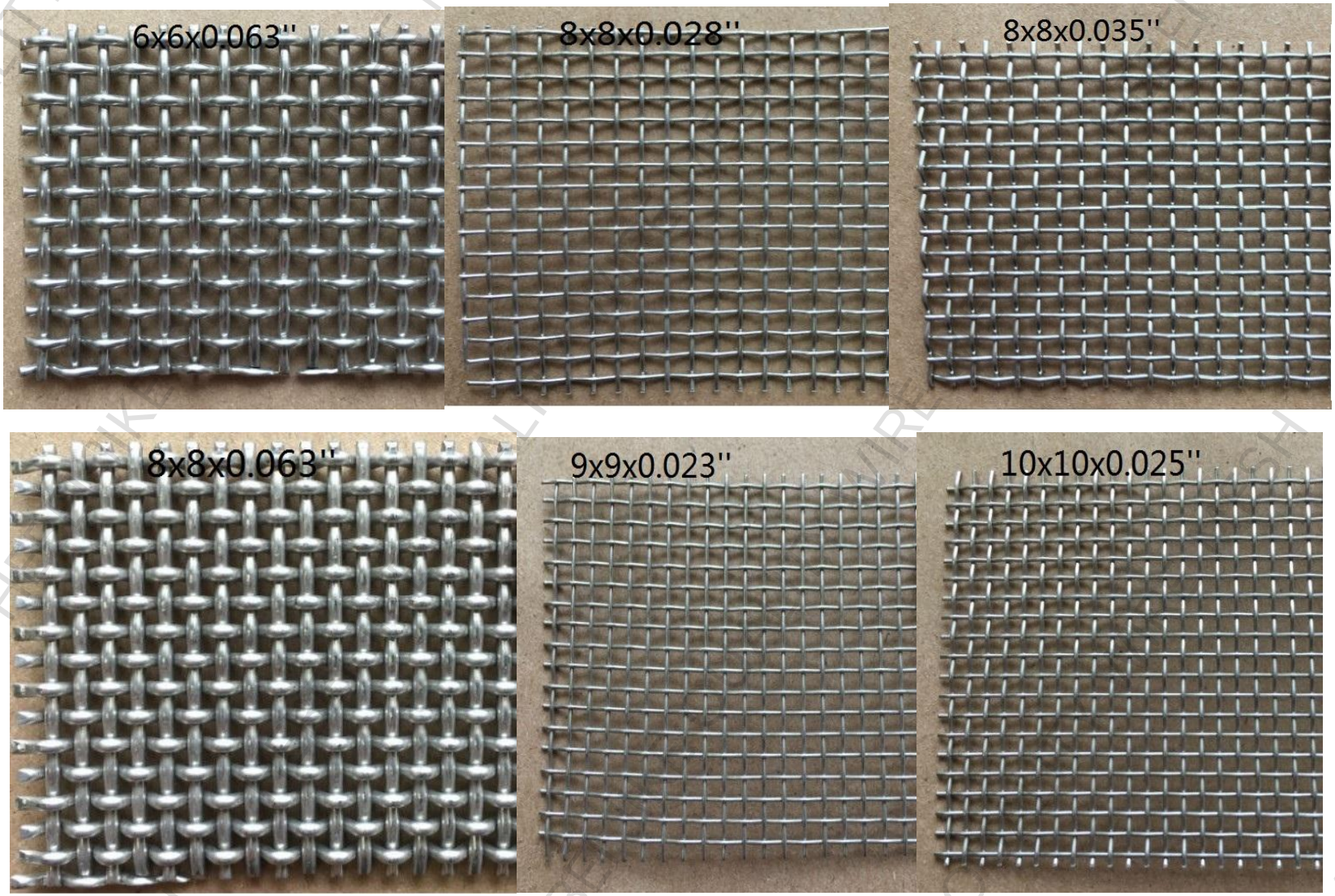
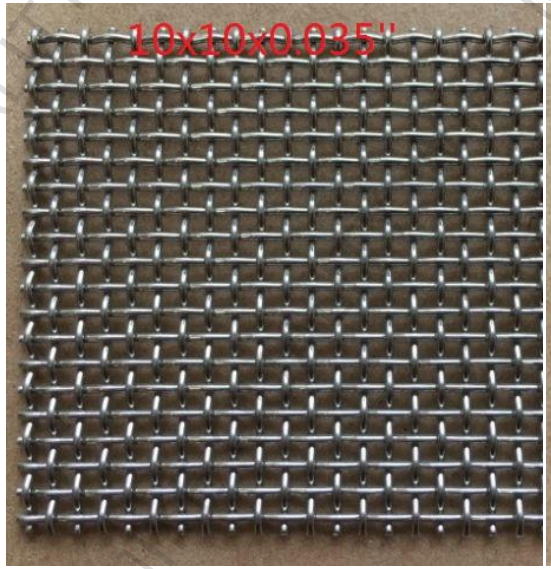

6x6x0.035''


6x6x0.047''


6x6x0.063''
8x8x0.028''
8x8x0.035''
8x8x0.063''
9x9x0.023''
10x10x0.025''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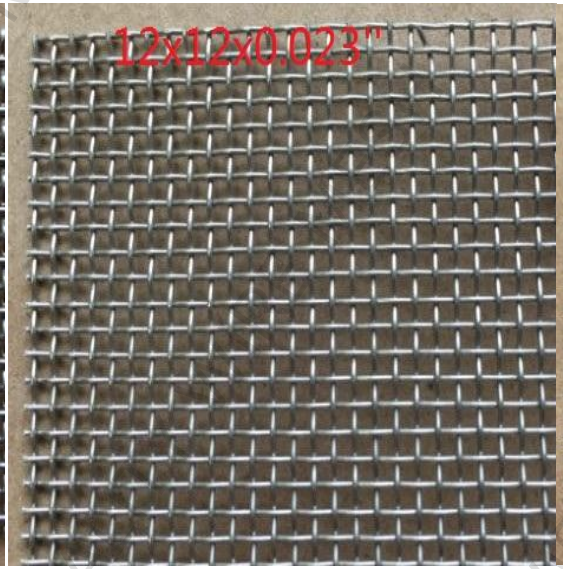
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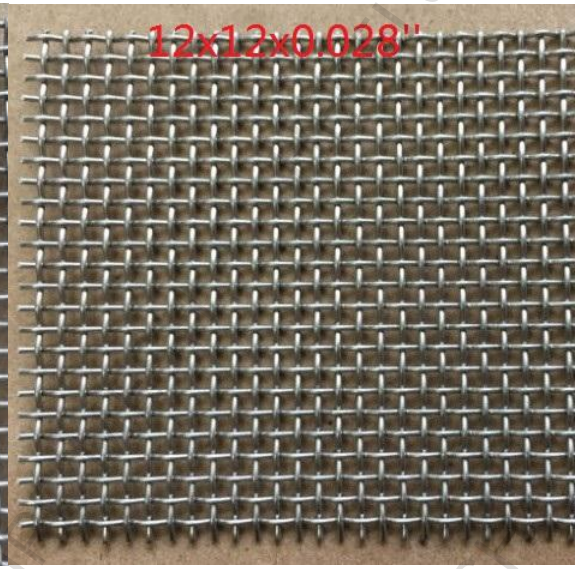
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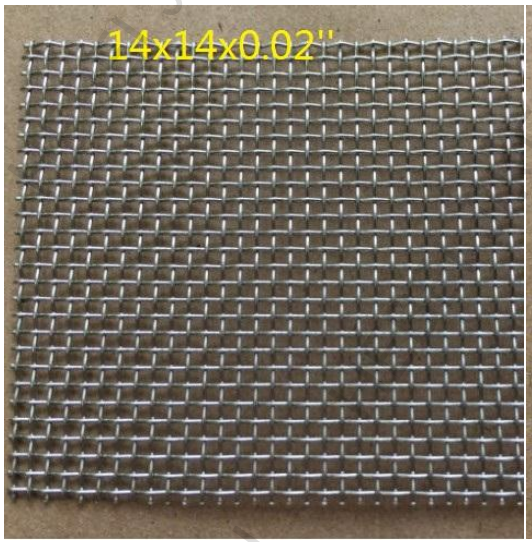
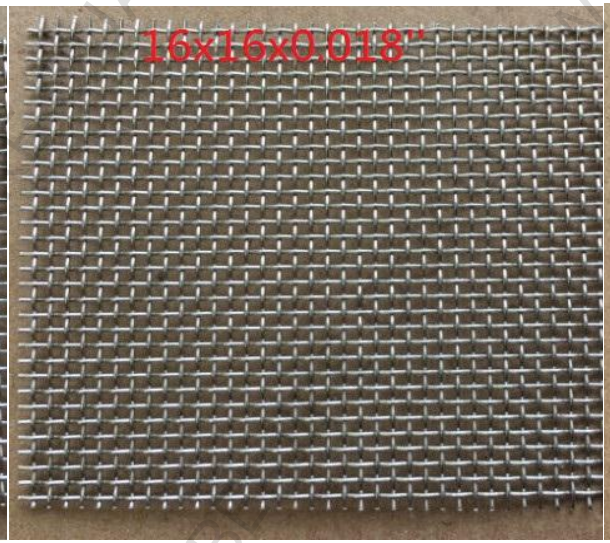

14x14x0.02''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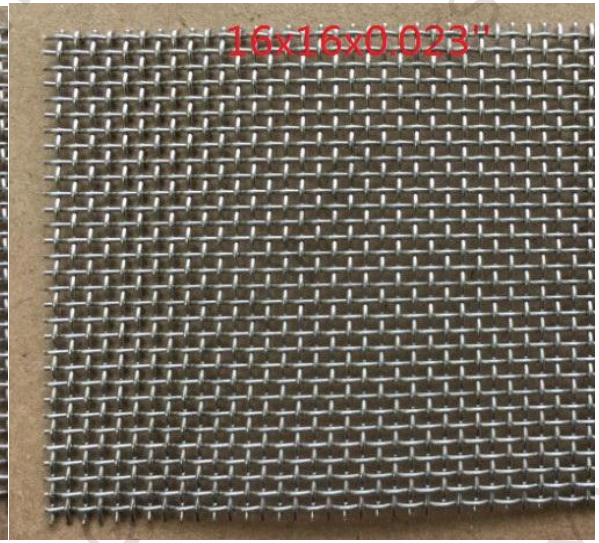
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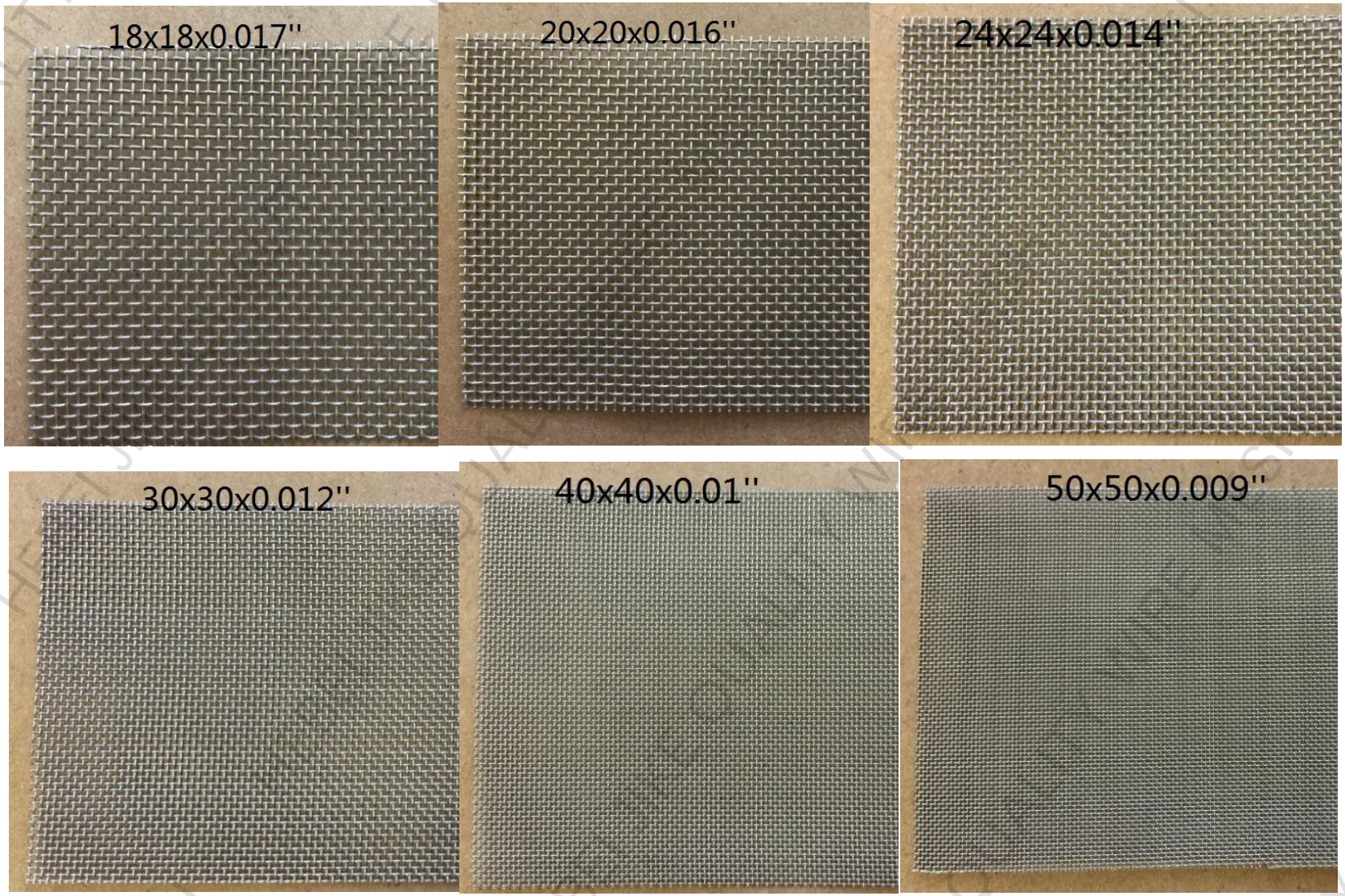
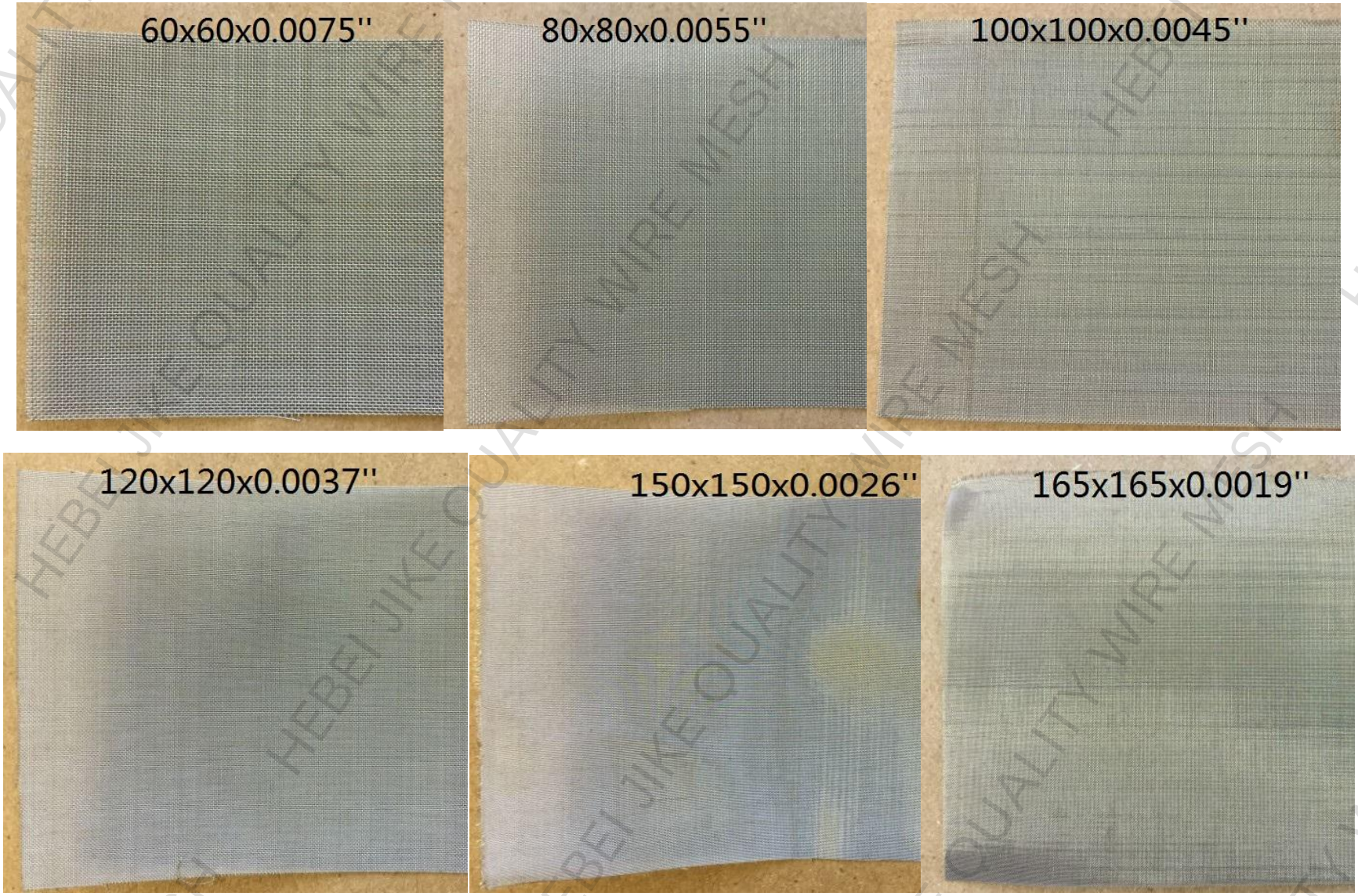
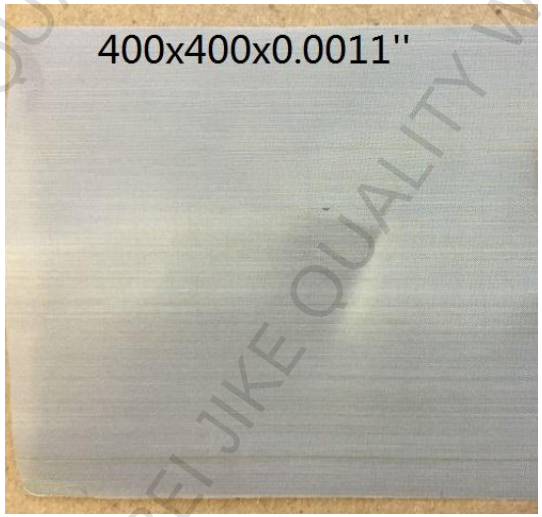



60x60x0.0075''
80x80x0.0055''
100x100x0.0045''
120x120x0.0037''
150x150x0.0026''
165x165x0.0019''


200x200x0.0021''


250x250x0.0016''


325x325x0.0014''


400x400x0.0011''