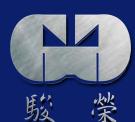


ARCHITECTURAL WEAVE MESH

Mesdeco



INTRODUCTION



The functional advantages of weave wire mesh with aesthetic features are much versatile than you may think. The new perspective in creative design brings the fascinating architectural world.

Mesdeco works based on experience, nonstop research and development of products and manufacturing process to enhance the application of weave mesh in new fields and aspects of constructions and industries. As well, our innovation is capable to fulfill the high expectations of our customers.

In these years, we have presented tons of solutions to customers and architectural designers. We would work with you to let your desires and fantasies become reality.

CONTENT

1Introduction
2materials and finishes
3Features
4application-facade
6application-ceiling
8application-partition walls
10application-barrier
11Installation
13products list and specifications

MATERIALS

Weave mesh is made of wire of

- stainless steel 304
- stainless steel 316
- pre-galvanized mild steel
- aluminum

FINISHES

There are various finishes applicable for different materials to meet the design and applications.

Stainless steel

- Mill
- Pickled
- Chemicolor
- Electro-Polished

Pre-Galvanized Steel

- Mill
- Powder Coating
- PVF2

Aluminum

- Mill
- Anodized
- Powder Coating
- PVF2

2

SOLIDITY AND DURABILITY

Weave mesh in various finishes is widely used in architectural projects to furnish the rigidity and durability as the original properties of the materials.

SAFETY AND PROTECTIVE

The smooth surfaces of weave mesh deliver safety and protection for all applications, such as decoration screen, ceiling, barrier, fencing, cladding, sunshield, etc.



PATTERNS AND DESIGN

Variety of patterns and designs with creative concept, Weave mesh functions the majority in decoration and its stability and solidity feature, which are versatilely used for architectural projects.

SEMITRSPARENT AND SUN SCREENING

The characteristic of open mesh, weave mesh can provide different rate of open area for ventilation and intensity for lighting. Among the patterns, there should be a suitable one which can meet your design for partitions.

STRUCTURAL ACOUSTIC FUNCTION

With decoration feature, weave mesh is able to equip hidden sound absorbing materials behind to provide solution for acoustic function

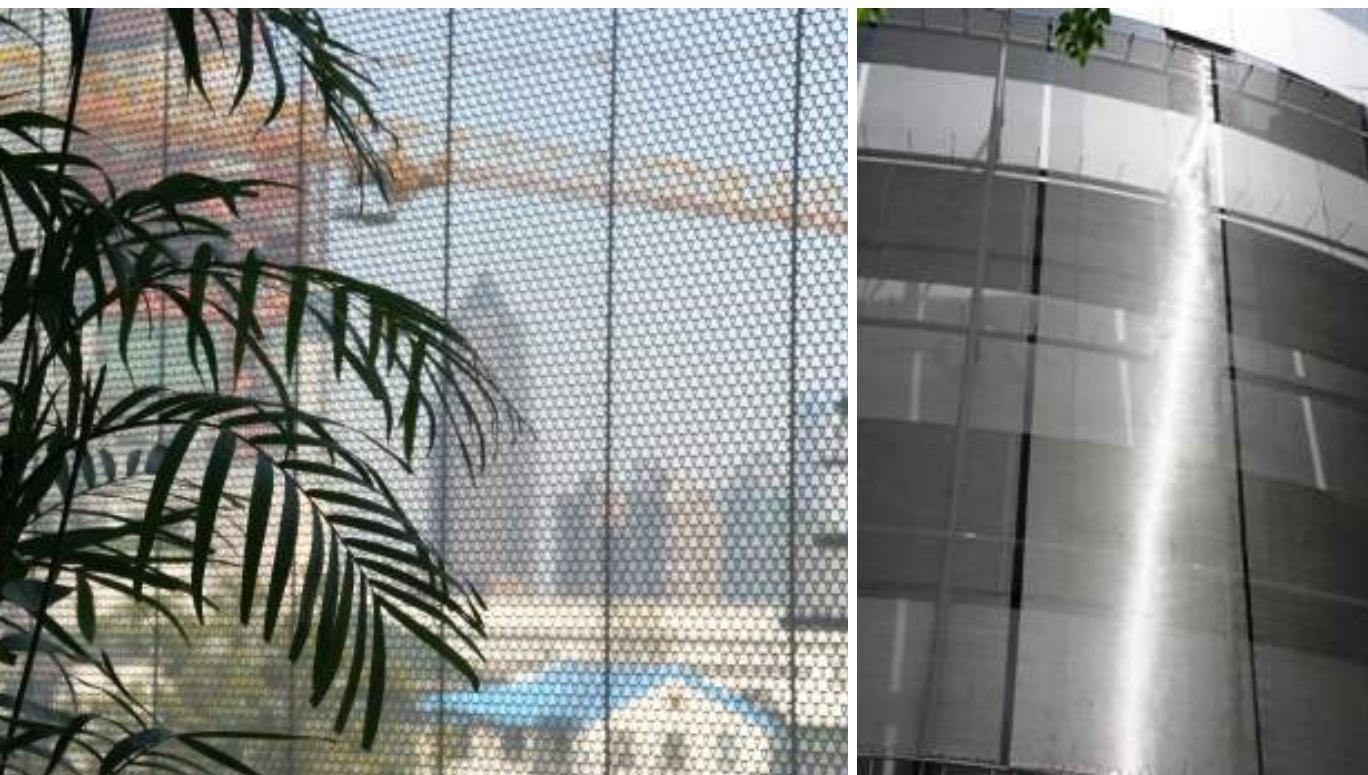
HANDY FOR INSTALLATION AND REMOVAL

Weave mesh are supplied in different dimensions per the design to fit the installation structure, as well, in term of being easy for removal.

TRENDY OUTLOOK

Architectural styles are in tendency of heavy steel structural look in the sense of solidity and stability. Weave mesh can feature such distinctions to match the majority of the design.





Facade is recommended to use stainless steel 316 weave mesh for longer duration against corrosive environment. It can act as a protective cladding for buildings from being damaged by general doodle, beating or strike.

Weave mesh also functions sunshield with decoration features. There are various patterns of weave meshes for selection to enhance buildings' visual effect. At daytime, it reflects the light as a glistening surface. At night, it turns exquisite while reflecting the faint lamplight.

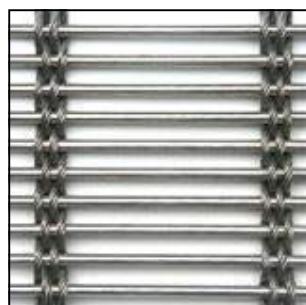
Weave mesh is widely used on multiplex buildings, such as office building, school, exhibition, museum, stadium, etc.

Obviously, the building with weave mesh facade, the outlook is shielded, however, the landscape outside is completed visible from the inside of the building.

applicable product

Harriol series

Mulle series





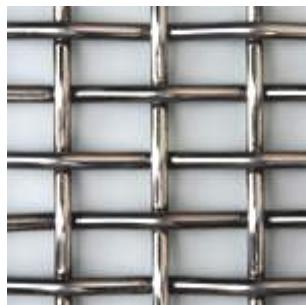
It seems a dynamic artwork. Viewing from different angles, stainless steel weave mesh reflects diverse effects as well as to demonstrate the prevailing design.

With weave mesh as the facade, all exterior equipment and devices, like stairs, pipes, exhaust fans, etc. are hidden behind the weave mesh in order to make the buildings' outlook neat.



It is efficient and economy for installation. Usually, the dimensions of weave mesh are tailor-made and cut-to-size to fit the design and the installation structure. Also, it may come with fixing accessories per your design to withstand the required loads.

5



The see-through and the ventilating feature of weave mesh is one of the suitable products for suspended ceiling. The apertures allow penetration of lights, ventilation of air and no cutout for installation of sprinklers. Other devices can be hidden on the ceiling with air intake. The weave mesh can reflects the light of the surroundings to bring a wonderful effect to the ceiling.

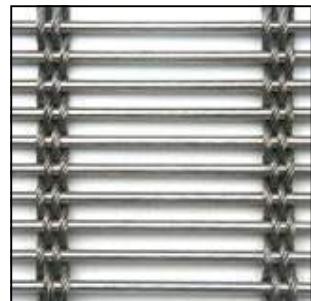


Weave mesh as false ceiling is applicable for office, hall, theatre, school, convention centre, station, etc. Beside cladding for the roof and device, it features decoration as well.

In theatre, it is used to make the ambience elegant along with soundproof by the structural system.

In an exhibition, it is used as the ceiling for exhibition stands.....

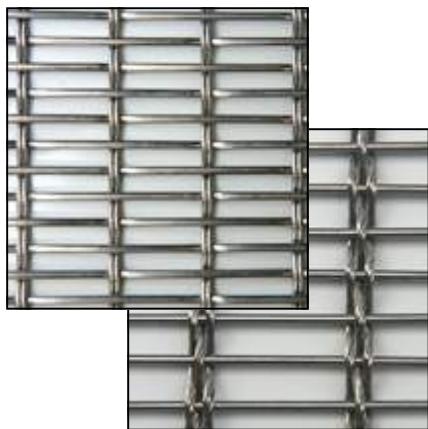
applicable product
Harriol series
Mulle series



Weave mesh is remarkable to deliver a range of effects in flat, domed, single individual ceiling style, etc.. It is handy to fix and remove with simple tools.

In this picture, the restaurant is furnished with weave mesh as flat ceiling for the amenity of the surrounding.

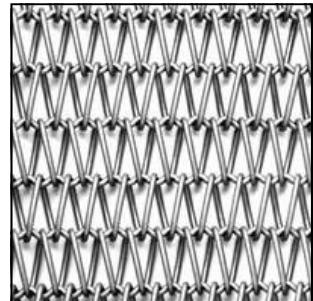
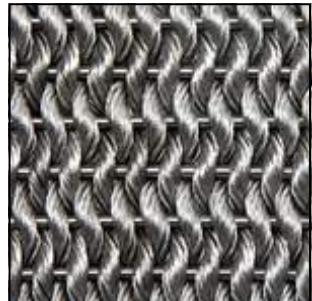
The different opening rates of the mesh will produce the different effects of feeling and atmosphere.

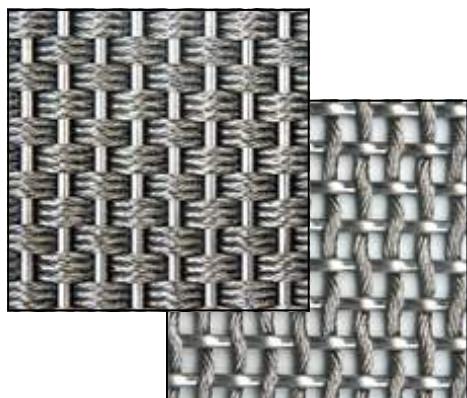




The application of weave mesh is versatile even for decorative partitions, which is widely used in hotel, restaurant, hall, lobby, etc., to provide individual area for a single party but the visual space and ventilation remain the same as the non-partitioned. It also is prevailing for the ambiance of cyber look, or creative for the desire atmospheres and amenities with lighting effects

applicable product
Harriol series
Dubuix series





Partition the business lobby into two sections with stainless steel weave mesh. The semitransparent feature makes the lobby spacious. Besides function as a divider, it also decorate the space with artistic background. Under the lighting , the weave mesh reflects the clinquant appearance and makes the surrounding gorgeous.

It is spectacle to column finished with weave mesh other than the traditional material – Marble, Granite, Claddings.



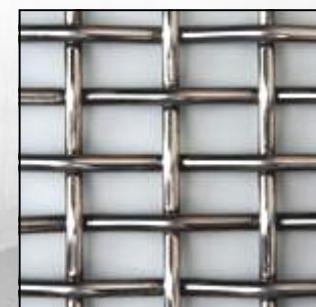
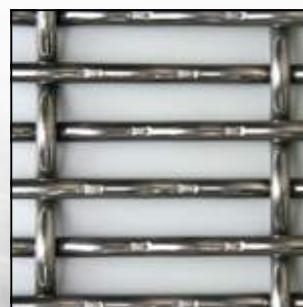
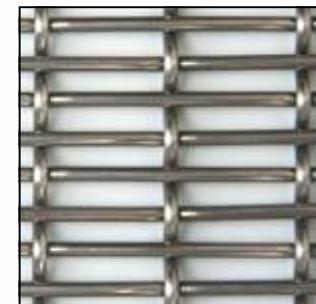
Stainless steel weave mesh is ideal material for traffic facility, it can be used as rails for the footpath and over-bridge. Furthermore, with the structural sound absorption, weave mesh is utilized as soundproof barrier on the highways.



Definitely, stainless steel weave mesh is a supreme and durable materials for ornament well per the city planning. Most likely, stainless steel weave mesh is use for handrails , security barriers, etc.



applicable product
Mulle series
Harriol series



INSTALLATION

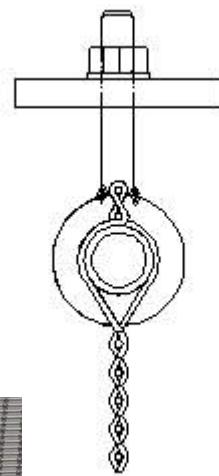
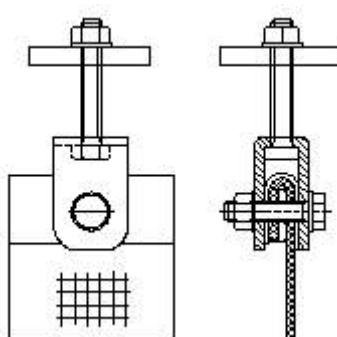
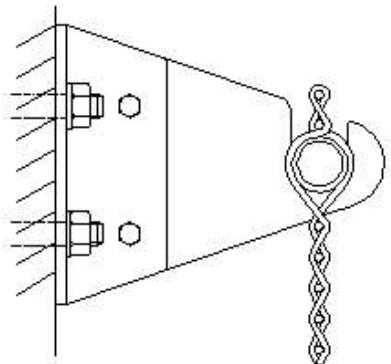
VERTICAL MOUNTINGS

Top mountings

triangular fastening brackets

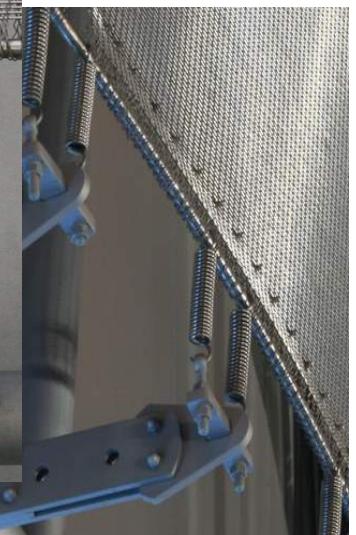
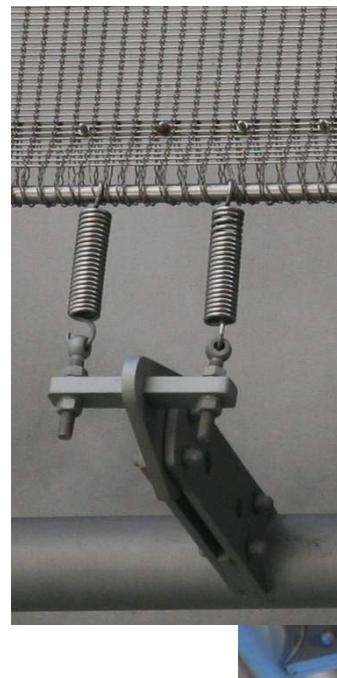
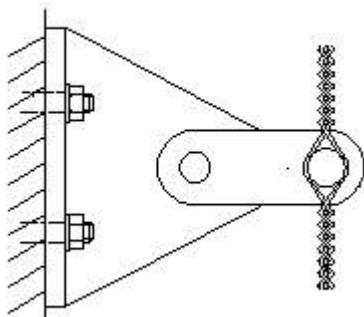
clevis screw

using eyebolts



Intermediate mountings

using a rotational clips

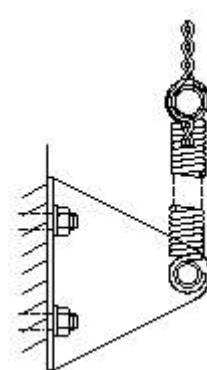
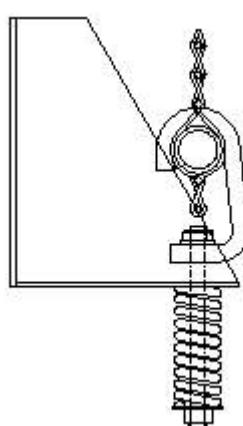
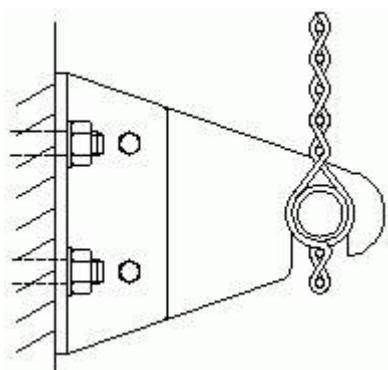


Bottom mountings

triangular fastening brackets

with springs to fasten

with springs to fasten





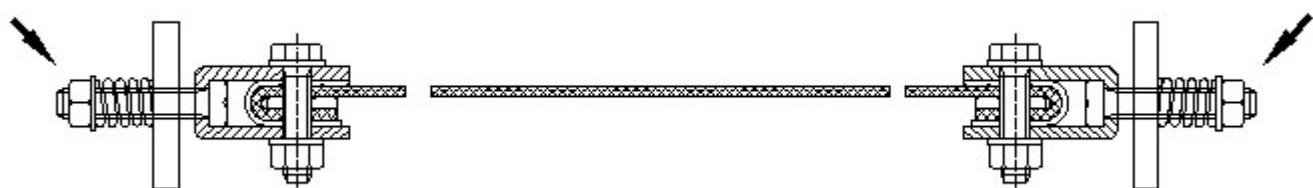
HORIZONTAL MOUNTINGS

the middle of the mesh is slack

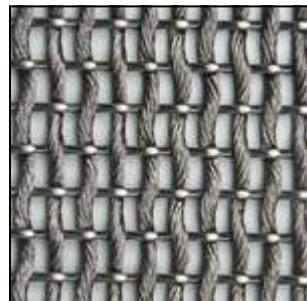
12



using the turnscrew to make the mesh tight



SCBL-2520-6081



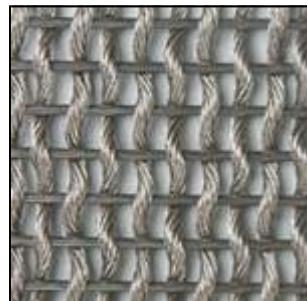
<u>open area:</u>	43%
<u>warp:</u>	2.5mm
<u>weft:</u>	2mm
<u>warp cable pitch:</u>	6mm
<u>weft wire pitch:</u>	8mm
<u>thickness:</u>	7mm
<u>materials:</u>	stainless steel
<u>application:</u>	partition walls

SCBL-2520-6082



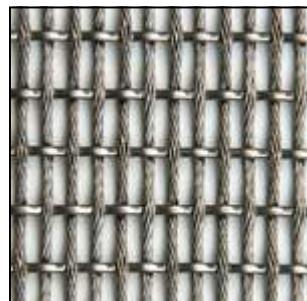
<u>open area:</u>	43%
<u>warp:</u>	2.5mm
<u>weft:</u>	2mm
<u>warp cable pitch:</u>	6mm
<u>weft wire pitch:</u>	8mm
<u>thickness:</u>	7mm
<u>materials:</u>	stainless steel
<u>application:</u>	partition walls

SCBL-3030-50100



<u>open area:</u>	21%
<u>warp:</u>	3mm
<u>weft:</u>	3mm
<u>warp cable pitch:</u>	5mm
<u>weft wire pitch:</u>	10mm
<u>thickness:</u>	9mm
<u>materials:</u>	stainless steel
<u>application:</u>	partition walls

SCBL-1012-3060



<u>open area:</u>	50%
<u>warp:</u>	1.0mm
<u>weft:</u>	1.2mm
<u>warp cable pitch:</u>	3mm
<u>weft wire pitch:</u>	6mm
<u>thickness:</u>	3.5mm
<u>materials:</u>	stainless steel
<u>application:</u>	partition walls

SCBL-2520-21080



<u>open area:</u>	65%
<u>warp:</u>	2.5mm
<u>weft:</u>	2mm
<u>warp cable pitch:</u>	21mm
<u>weft wire pitch:</u>	8mm
<u>thickness:</u>	5mm
<u>materials:</u>	stainless steel
<u>application:</u>	partition walls

TCBL-3040-1100145



<u>open area:</u>	65%
<u>warp:</u>	3x3.0mm
<u>weft:</u>	4.0mm
<u>warp cable pitch:</u>	110mm
<u>weft wire pitch:</u>	14.5mm
<u>thickness:</u>	10mm
<u>materials:</u>	stainless steel
<u>application:</u>	facade

TCBL-2025-800100



<u>open area:</u>	65%
<u>warp:</u>	3x2.0mm
<u>weft:</u>	2.5mm
<u>warp cable pitch:</u>	80mm
<u>weft wire pitch:</u>	10mm
<u>thickness:</u>	6.5mm
<u>materials:</u>	stainless steel
<u>application:</u>	facade, ceiling, partition walls

TCBL-2530-800100



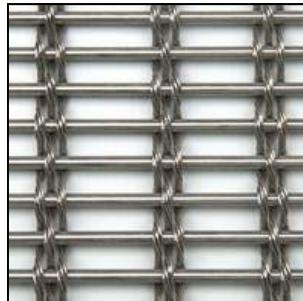
<u>open area:</u>	62%
<u>warp:</u>	3x2.5mm
<u>weft:</u>	3.0mm
<u>warp cable pitch:</u>	80mm
<u>weft wire pitch:</u>	10mm
<u>thickness:</u>	8mm
<u>materials:</u>	stainless steel
<u>application:</u>	facade, ceiling, partition walls

TCBL-1420-30080



<u>open area:</u>	55%
<u>warp:</u>	3x1.4mm
<u>weft:</u>	2mm
<u>warp cable pitch:</u>	30mm
<u>weft wire pitch:</u>	8mm
<u>thickness:</u>	5mm
<u>materials:</u>	stainless steel
<u>application:</u>	facade, ceiling

TCBL-1425-25080



<u>open area:</u>	43%
<u>warp:</u>	3x1.4mm
<u>weft:</u>	2.5mm
<u>warp cable pitch:</u>	25mm
<u>weft wire pitch:</u>	8mm
<u>thickness:</u>	8mm
<u>materials:</u>	stainless steel
<u>application:</u>	facade, ceiling

QCBL-2030-500651



<u>open area:</u>	40%
<u>warp:</u>	4x2.0mm
<u>weft:</u>	3mm
<u>warp cable pitch:</u>	50mm
<u>weft wire pitch:</u>	6.5mm
<u>thickness:</u>	7mm
<u>materials:</u>	stainless steel
<u>application:</u>	façade, partition walls

QCBL-1020-36050



<u>open area:</u>	53%
<u>warp:</u>	4x1mm
<u>weft:</u>	2mm
<u>warp cable pitch:</u>	36mm
<u>weft wire pitch:</u>	5mm
<u>thickness:</u>	4mm
<u>materials:</u>	stainless steel
<u>application:</u>	façade, partition walls

QCBL-2030-75065



<u>open area:</u>	62%
<u>warp:</u>	4x2mm
<u>weft:</u>	3mm
<u>warp cable pitch:</u>	75mm
<u>weft wire pitch:</u>	6.5mm
<u>thickness:</u>	7mm
<u>materials:</u>	stainless steel
<u>application:</u>	façade, partition walls

QCBL-2030-500652



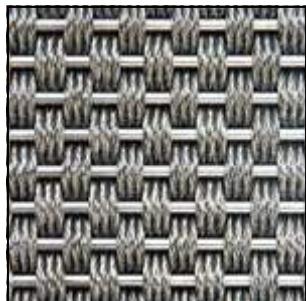
<u>open area:</u>	40%
<u>warp:</u>	4x2mm
<u>weft:</u>	3mm
<u>warp cable pitch:</u>	50mm
<u>weft wire pitch:</u>	6.5mm
<u>thickness:</u>	7mm
<u>materials:</u>	stainless steel
<u>application:</u>	façade, partition walls

TGTC-2520-2580



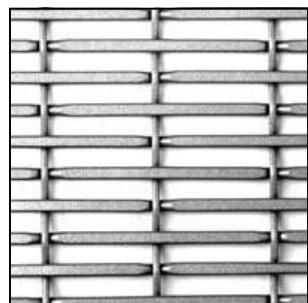
<u>open area:</u>	5%
<u>warp:</u>	2.5mm
<u>weft:</u>	2mm
<u>warp cable pitch:</u>	2.5mm
<u>weft wire pitch:</u>	8mm
<u>thickness:</u>	7mm
<u>materials:</u>	stainless steel
<u>application:</u>	partition walls

TGTC-1425-1480



<u>open area:</u>	5%
<u>warp:</u>	1.4mm
<u>weft:</u>	2.5mm
<u>warp cable pitch:</u>	1.4mm
<u>weft wire pitch:</u>	8mm
<u>thickness:</u>	5.5mm
<u>materials:</u>	stainless steel
<u>application:</u>	partition walls

SROD-1520-21060



open area: 55%
warp: 1.5mm
weft: 2mm
warp wire pitch: 21mm
weft wire pitch: 6mm
thickness: 3.5mm
materials: stainless steel, other metal
application: facade, ceiling, partition walls

SROD-2015-21040



open area: 40%
warp: 2mm
weft: 1.5mm
warp wire pitch: 21mm
weft wire pitch: 4mm
thickness: 4mm
materials: stainless steel, other metal
application: facade, ceiling, partition walls

SROD-1525-21060



open area: 53%
warp: 1.5mm
weft: 2.5mm
warp wire pitch: 21mm
weft wire pitch: 6mm
thickness: 4mm
materials: stainless steel, other metal
application: facade, ceiling, partition walls

SROD-2525-22060



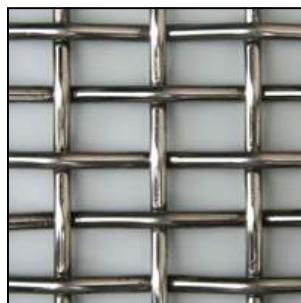
open area: 38%
warp: 2.5mm
weft: 2.5mm
warp wire pitch: 22mm
weft wire pitch: 6mm
thickness: 6mm
materials: stainless steel, other metal
application: facade, ceiling

SROD-5050-550140



<u>open area:</u>	%
<u>warp:</u>	5mm
<u>weft:</u>	5mm
<u>warp wire pitch:</u>	55mm
<u>weft wire pitch:</u>	14mm
<u>thickness:</u>	12mm
<u>materials:</u>	aluminum, stainless steel
<u>application:</u>	facade, ceiling, traffic

SROD-4040-200140



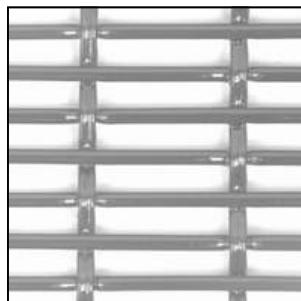
<u>open area:</u>	%
<u>warp:</u>	4mm
<u>weft:</u>	4mm
<u>warp wire pitch:</u>	20mm
<u>weft wire pitch:</u>	14mm
<u>thickness:</u>	8mm
<u>materials:</u>	aluminum, stainless steel
<u>application:</u>	facade, traffic

DROD-1220-21060



<u>open area:</u>	40%
<u>warp:</u>	2x1.2mm
<u>weft:</u>	2mm
<u>warp wire pitch:</u>	21mm
<u>weft wire pitch:</u>	6mm
<u>thickness:</u>	4mm
<u>materials:</u>	stainless steel, other metal
<u>application:</u>	facade, ceiling, partition walls

DROD-1520-21040



<u>open area:</u>	38%
<u>warp:</u>	2x1.5mm
<u>weft:</u>	2mm
<u>warp wire pitch:</u>	21mm
<u>weft wire pitch:</u>	4mm
<u>thickness:</u>	4mm
<u>materials:</u>	stainless steel, other metal
<u>application:</u>	facade, ceiling, partition walls

TROD-2040-350145



<u>open area:</u>	60%
<u>warp:</u>	3x2.0mm
<u>weft:</u>	4mm
<u>warp wire pitch:</u>	35mm
<u>weft wire pitch:</u>	14.5mm
<u>thickness:</u>	8mm
<u>materials:</u>	stainless steel, other metal
<u>application:</u>	facade

TROD-3040-1000145



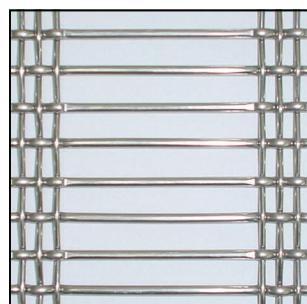
<u>open area:</u>	65%
<u>warp:</u>	3x3.0mm
<u>weft:</u>	4.0mm
<u>warp wire pitch:</u>	100mm
<u>weft wire pitch:</u>	14.5mm
<u>thickness:</u>	10mm
<u>materials:</u>	stainless steel
<u>application:</u>	facade

TROD-2030-900100



<u>open area:</u>	65%
<u>warp:</u>	3x2.0mm
<u>weft:</u>	3.0mm
<u>warp wire pitch:</u>	90mm
<u>weft wire pitch:</u>	10mm
<u>thickness:</u>	7mm
<u>materials:</u>	stainless steel, other metal
<u>application:</u>	facade

TROD-2540-900145



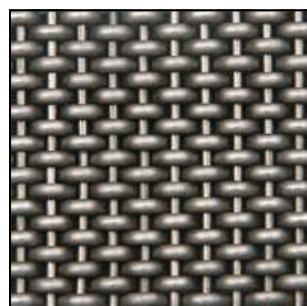
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<u>warp:</u>	3x2.5mm
<u>weft:</u>	4.0mm
<u>warp wire pitch:</u>	90 (clear 5) mm
<u>weft wire pitch:</u>	14.5mm
<u>thickness:</u>	6.5mm
<u>materials:</u>	stainless steel
<u>application:</u>	facade

TGTR-1014-21014



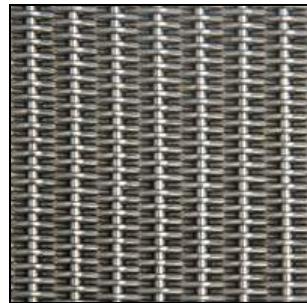
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<u>weft:</u>	1.4mm
<u>warp wire pitch:</u>	21mm
<u>weft wire pitch:</u>	1.4mm
<u>thickness:</u>	3.5mm
<u>materials:</u>	cuprum, stainless steel
<u>application:</u>	partition walls

TGTR-1420-5020



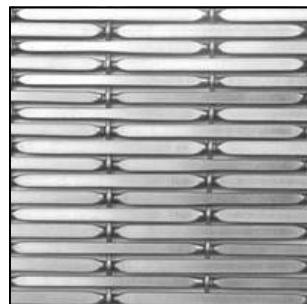
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<u>warp:</u>	1.4mm
<u>weft:</u>	2mm
<u>warp wire pitch:</u>	5mm
<u>weft wire pitch:</u>	2mm
<u>thickness:</u>	5.5mm
<u>materials:</u>	cuprum, stainless steel
<u>application:</u>	partition walls

TGTR-1410-6010



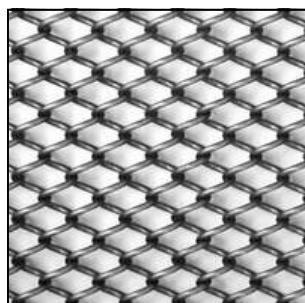
<u>open area:</u>	5%
<u>warp:</u>	1.4mm
<u>weft:</u>	1.0mm
<u>warp wire pitch:</u>	6mm
<u>weft wire pitch:</u>	1mm
<u>thickness:</u>	3.5 mm
<u>materials:</u>	cuprum, stainless steel
<u>application:</u>	partition walls

TGTR-1020-21030



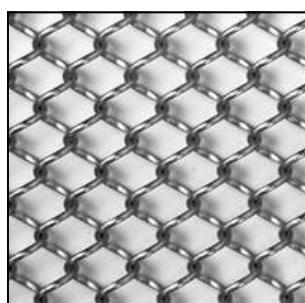
<u>open area:</u>	5%
<u>warp:</u>	1.0mm
<u>weft:</u>	2.0mm
<u>warp wire pitch:</u>	21mm
<u>weft wire pitch:</u>	3mm
<u>thickness:</u>	3.5mm
<u>materials:</u>	cuprum, aluminum
<u>application:</u>	partition walls

DU-1250



<u>open area:</u>	<u>%</u>
warp:	1.2mm
weft:	1.2mm
pitch:	5mm
thickness:	9mm
materials:	aluminum, stainless steel
application:	partition walls

DU-1480



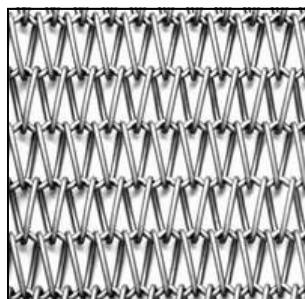
<u>open area:</u>	<u>%</u>
warp:	1.4mm
weft:	1.4mm
pitch:	8mm
thickness:	9mm
materials:	aluminum, stainless steel
application:	partition walls

DU-1012-501



<u>open area:</u>	<u>%</u>
warp:	4x1.0mm
weft:	1.2mm
spiral pitch:	5mm
thickness:	6mm
materials:	stainless steel, other metal
application:	partition walls

DU-1012-502



<u>open area:</u>	<u>%</u>
warp:	1.0mm
weft:	1.2mm
spiral pitch:	5mm
thickness:	6mm
materials:	stainless steel, other metal
application:	partition walls





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