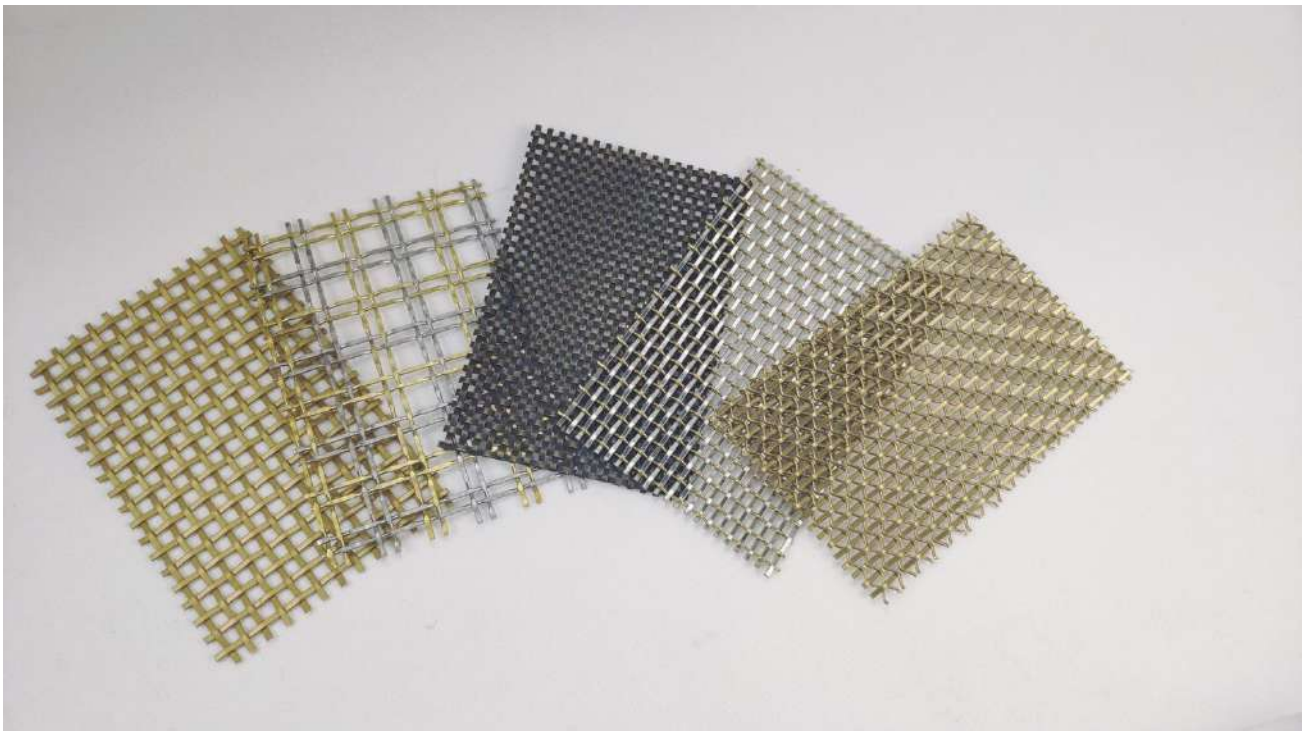
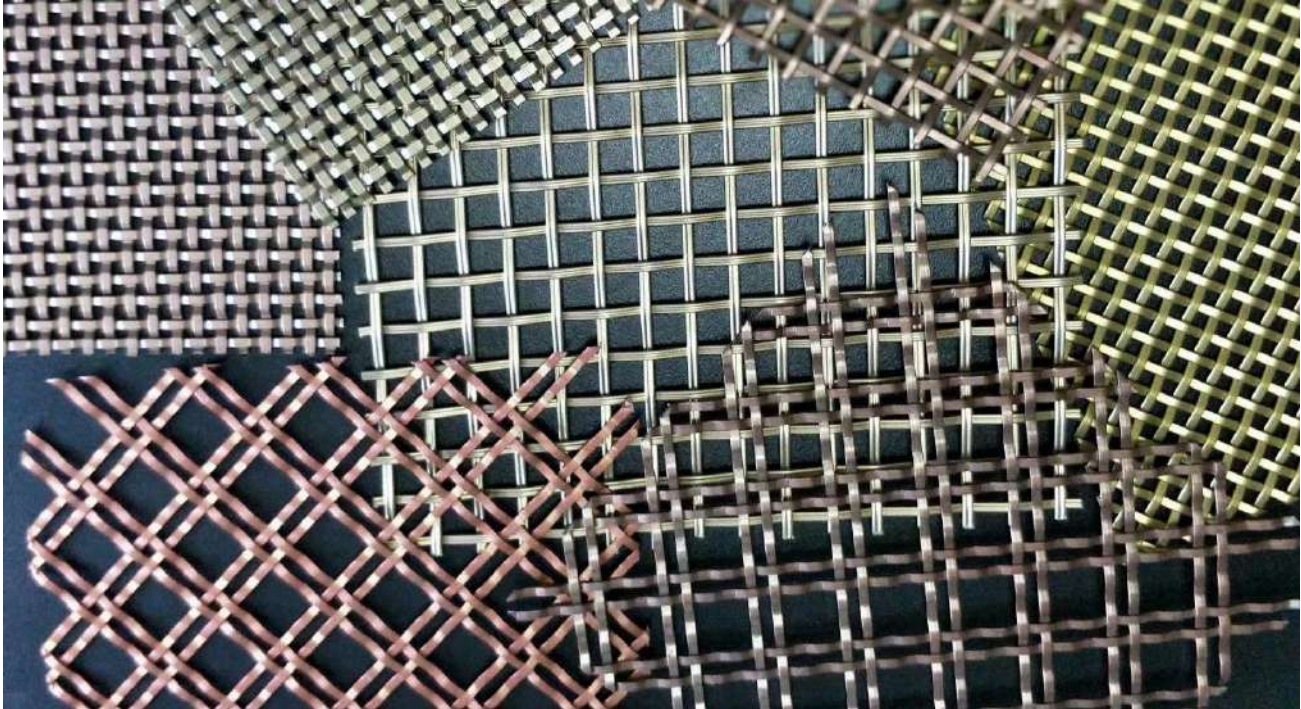


Decorative Crimped Woven Mesh



Decorative Crimped Woven Mesh



Crimped wire mesh can be also known as the iron crimped mesh, galvanized crimped wire mesh, white steel crimped wire mesh, black steel crimped wire mesh, copper-clad steel crimped wire mesh, stainless steel crimped mesh and black iron crimped mesh according to different materials. Crimped wire mesh is manufactured by weaving longitudinal and transverse wires together. It is made in a variety of materials through the crimping mesh machine, a kind of universal wire products with square or rectangular openings. Our crimped wire mesh products are made of galvanized wire mesh and stainless steel wire mesh. According to loading capacity and wire used, it can be separated into the heavy type and light type.

Decorative Crimped Woven Mesh is mostly made of high-grade stainless steel, copper or brass. Alternative metals are sometimes chosen for a specific environment. Decorative Crimped Woven Mesh is an exceptional element for architectural decoration; they can easily catch your eyes. Many of our products are produced with inspiration from architects and designers for interior and exterior architectural decoration purposes.

Product Description

Materials: The following are the most common types of woven wire cloth materials:

- **Carbon Steel:** Low, High, Oil Tempered
- **Stainless Steel:** 304, 304L, 316, 316L
- **Copper and Copper Alloys:** Copper, Brass, Bronze, Phosphor Bronze
- **Aluminum, aluminum alloys**

✂Stainless steel wire mesh, specifically Type 304 stainless steel, is the most popular material for producing woven wire cloth. Also known as 18-8 because of its 18 percent chromium and eight percent nickel components, 304 is a basic stainless alloy that offers a combination of strength, corrosion resistance and affordability. Type 304 stainless steel is normally the best option when manufacturing grilles, vents or filters used for the general screening of liquids, powders, abrasives and solids.

Process: After first rolling, two-way wavebending, locked bending, flat-topped cured, two-way bending, on-way wave bending, rectangular mesh weaving, mesh has woven solid, durable, mesh uniform characteristics.

Mesh count: 1mesh-24mesh

Width: 0.5~3.0m(as request)

Length: 0.5~30m

Wire Diameter: 0.5mm~4.8mm

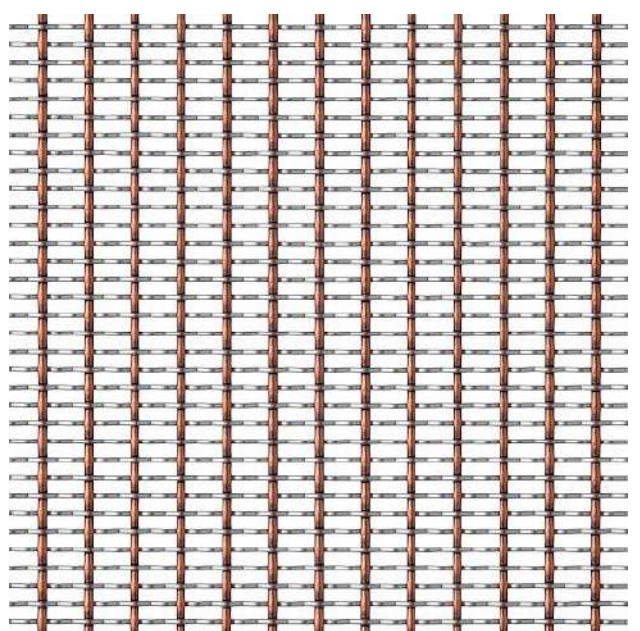
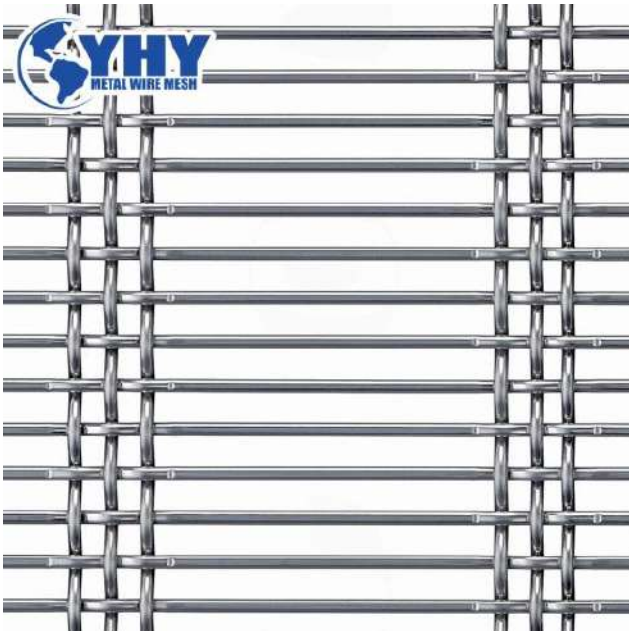
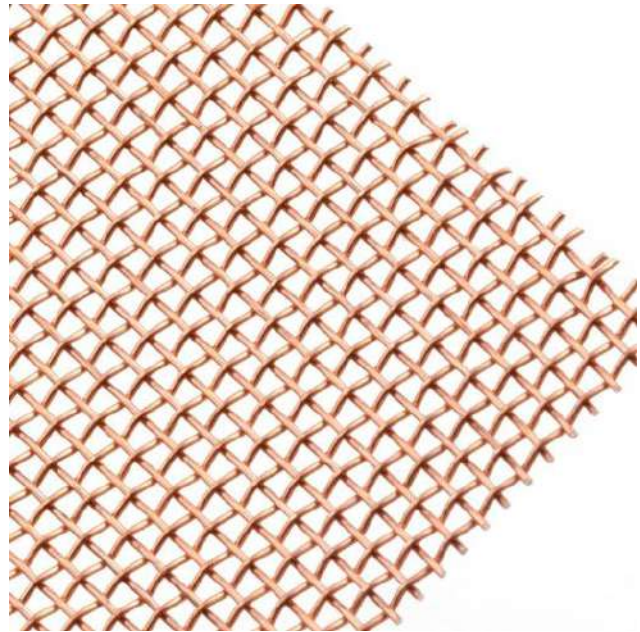
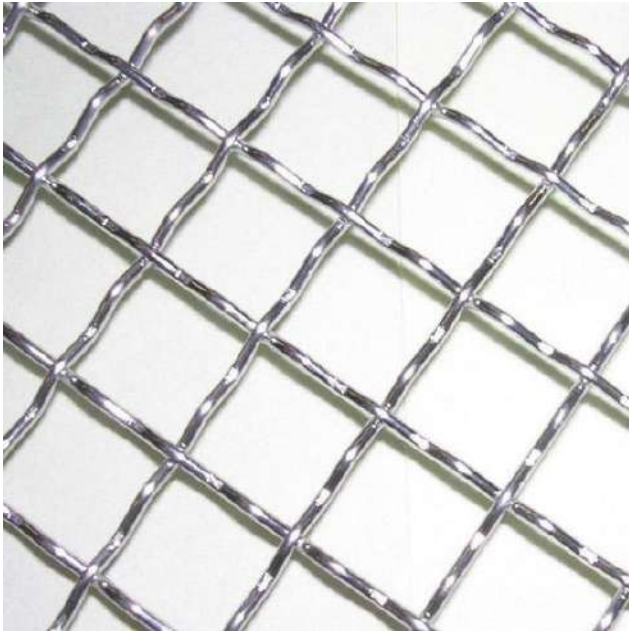
Hole size: 3mm~50mm

Mesh Type: square mesh and rectangle mesh

Edge type: plain, bent and reinforced hooked

Weaving Method: double crimped, flat top crimped, intermediate crimped and lock crimped

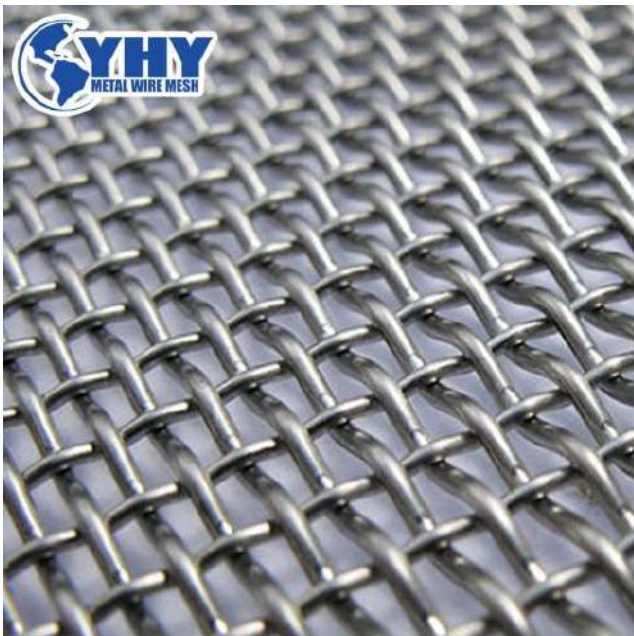
Images of Crimped Wire Mesh



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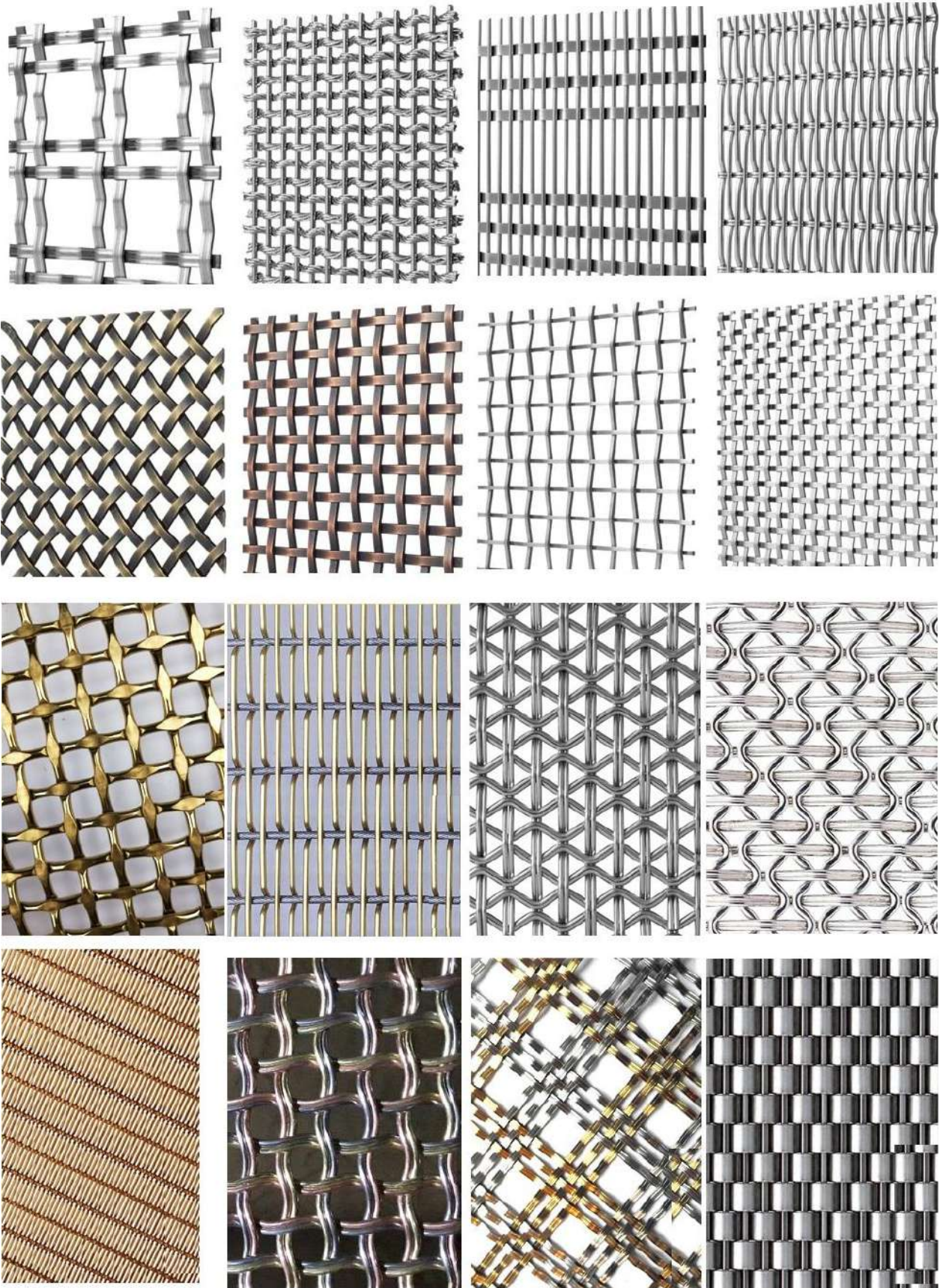




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※Special opening or wire diameter can be specially made.

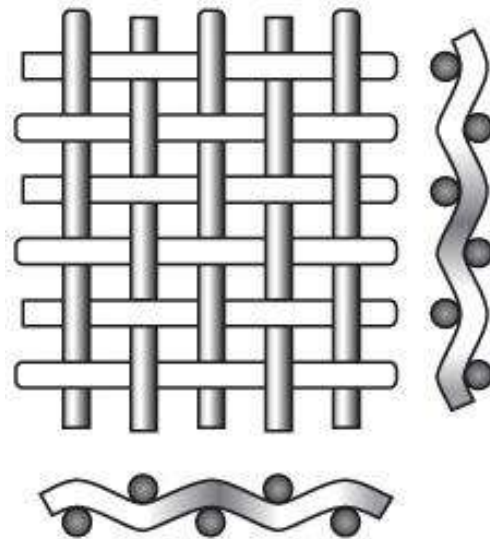
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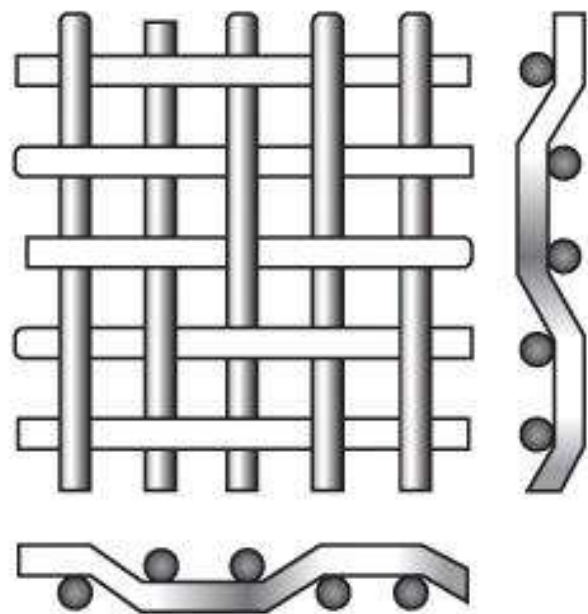


Analysis of Wire Mesh Weave Styles

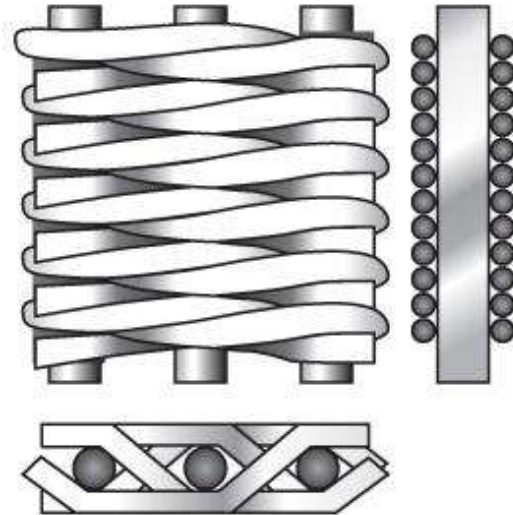
Plain/Double: The plain weave is the most commonly used and simplest to weave. It is a standard type of weave for wire cloth resulting in square openings with wire sizes the same in both directions. Each warp wire passes alternately over and under fill wires at right angles, both directions.



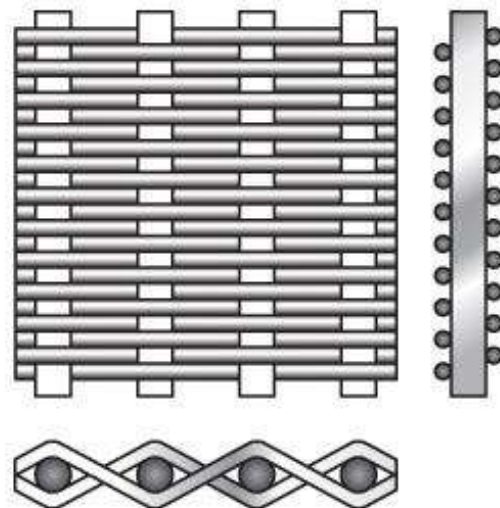
Twill Square: Each warp and shute is woven alternately over two and under two warp wires. This gives the appearance of parallel diagonal lines, allowing it to be used with heavier wires with a particular mesh count (that is possible with the plain weave wire cloth). This ability allows the applications of this wire cloth to be used for greater loads and finer filtration.



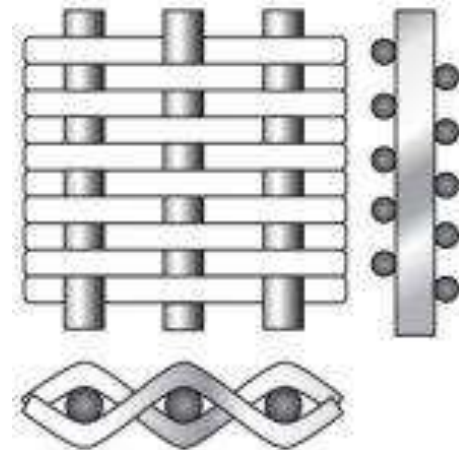
Twill Dutch: A filter cloth that offers higher strength than regular Dutch weaves. It packs even more wires in a given area. Each shute wire typically passes over two warp wires and under two, producing square openings. Generally, this weave has finer mesh counts and lower flow than regular Dutch weaves and can be made to filter particles as fine as 2 microns in diameter.



Reverse Plain Dutch: A filter cloth in which the larger count of wires is found in the warp and the smaller count in the shute, thus reversing the method used in plain and twilled Dutch weaves. The warp wires have a smaller diameter than the shute wires and touch each other, while the heavier shute wires are woven as tightly together as possible.



Plain Dutch: Primarily used as a filter cloth. The openings slant diagonally through the cloth and can not be seen by looking directly at the cloth. This weave has a coarser mesh and wire in the shute direction, giving a very compact, firm mesh with great strength.



Analysis of Woven Wire Cloth Crimp Styles

Pre-crimping is typically found in coarser wire cloth or space cloth specifications. The pre-crimp action enables both the warp and shute wires to nest securely with each other restricting their random movement and ensuring an accurate and consistent opening size. This weaving technique adds strength and rigidity to the wire cloth. Here are a few of the custom crimp styles that Marco offers:

Lock Crimp: Made to hold accurate openings. Each intersection is formed with straight sections of fill wires woven within straight sections of warp wires. Fill wires are woven in an alternating pattern, top and bottom.



Double Crimp: Square pattern wire cloth using warp and fill wires of equal size. Warp wires pass over and under fill wires in an alternating pattern at adjacent intersections.



Inter Crimp: Crimped warp wires filled at every other crimp with fill wires. Provides superior rigidity and greater stability. Popular for screens and architectural uses.



Flat Top: All crimping is offset to one side producing a single plan on the top which allows for the smooth flow of materials over the surface.



Feature

Easy to install.

Excellent Aesthetic appeal and functionality.

Color never fading and paint never dropping.

Gorgeous and chic elegant appearance.

Smooth and bright surface, attractive appearance various color options.

UV resistant and flame resistance

Anti-oxidation, not easy to deformation.

High durability and flexibility of other special functions.

Tensile strength, permeability is good.

Corrosion resistance and wear resistance.

Acid-resisting and alkalinity-resisting.

The artistic effect, fashionable design as the building facade.

Minimal maintenance, long service life, and low environmental impact.

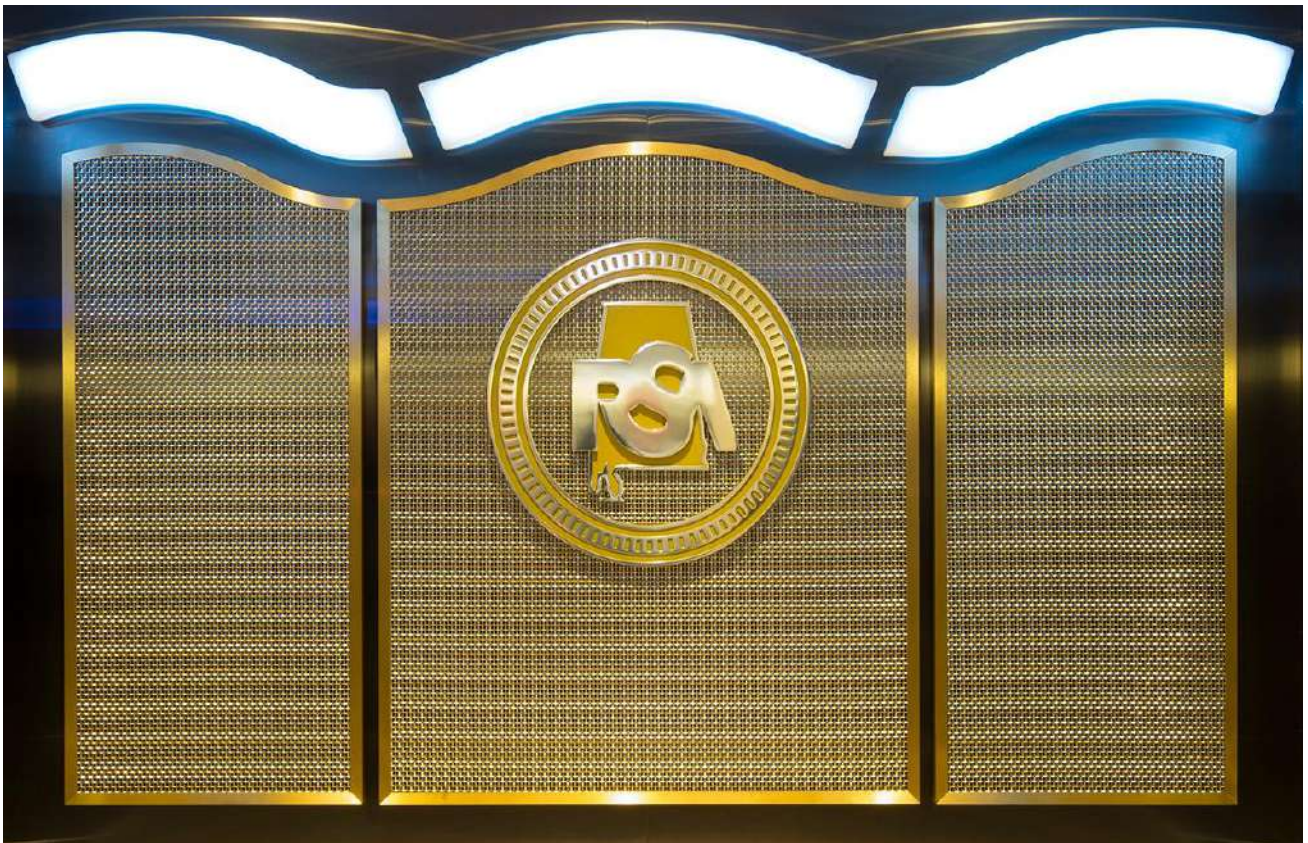
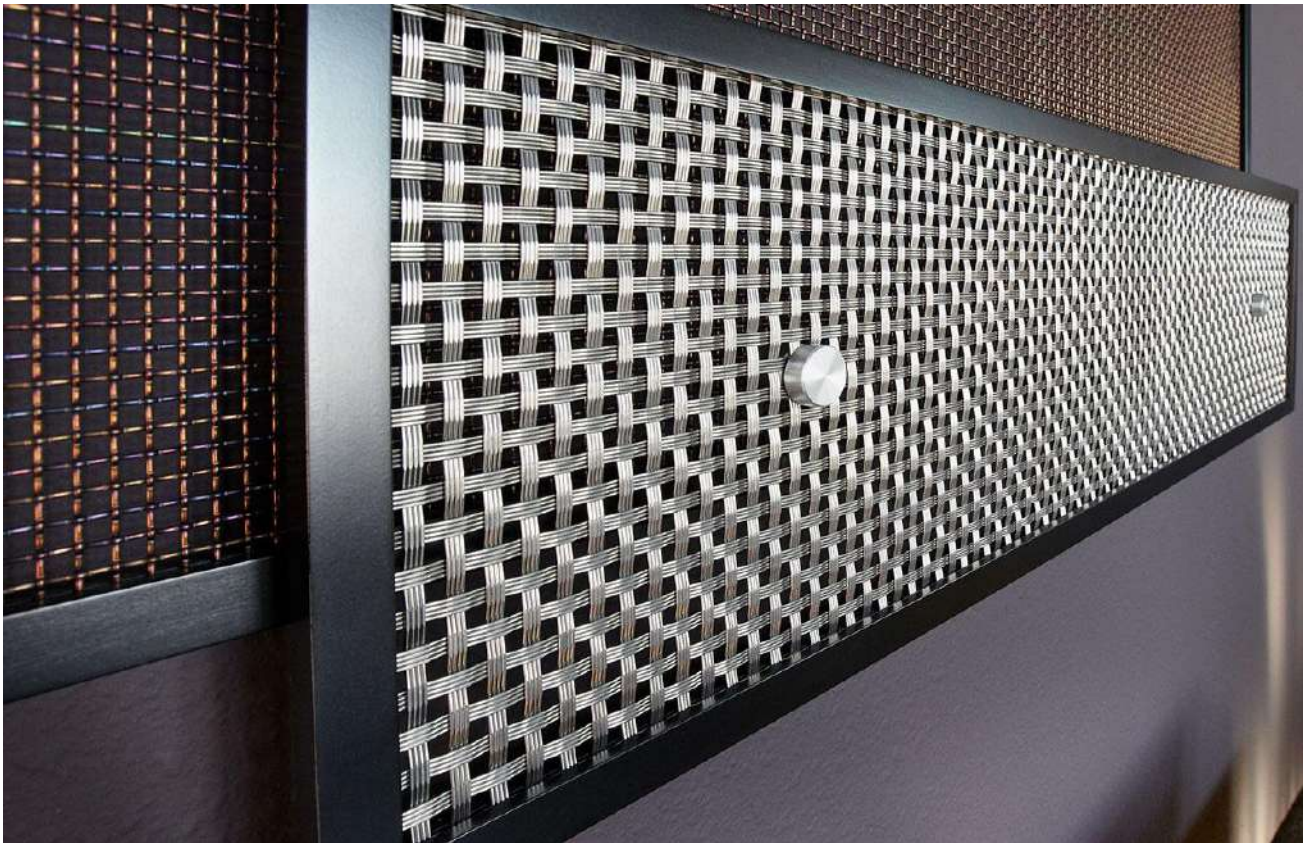
Application



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Decorative Crimped Woven Mesh has been adopted more and more by the building field whatever on the material, structure or style because of its beautiful metal color, concise style, good function, fashion, and other more decorative elements.

1. It is very suitable used for lamp decorations, ceiling panels, wall covering, metal screens, window curtains, car garage exterior walls, cladding, balustrades. They are showing elegance and noble quality.
2. Importantly, it is more popular in exterior facade applications. such as facade cladding, for instance, exhibition hall, hotels, office buildings.
3. It can also be used as other decorative and functional metal fabric, space divider, handrail, and balustrade, etc. With its high open area and unique appearance, it can catch more attention.

Packing & Delivery



1. In roll, water proof paper in side and out side with woven bag; wooden case; pallet.
2. The package able to according to customers requirement.

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Decorative Crimped Woven Mesh

—Decorative Elevator Fabric are mostly woven by stainless steel and brass wires. And some are treated by grinding machine to have a flat finish. This metal elevator fabric is widely used for elevator cab ,or wall decoration.

MULTIPLE STYLES AND SIZE CAN BE CUSTOMIZED

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