





## Stainless Steel Wire Mesh

Stainless steel wire mesh can be used to produce test sieves. Woven wire mesh sieves are the most widely used test sieves for all types of laboratory sampling and particle size analysis. Woven wire mesh sieves are made with highest quality materials and with aperture sizes ranging from 2000microns down to 50 microns.

### Size & Configurations

- Mesh typically range from 10mesh to 300mesh
- Wire diameter from 0.035mm to 0.50mm
- Roll size include 1m\*30m, 1.2m\*30m, 1.5m\*30m and 2.0m\*30m

### Material

- Stainless steel

### Feature

- Strong corrosion resistance, easy to clean
- Low cost, easy to process
- High screening precision, high efficiency
- Wear resistance, easy to use and suitable for graded screening

### Applications

- Test Sieve



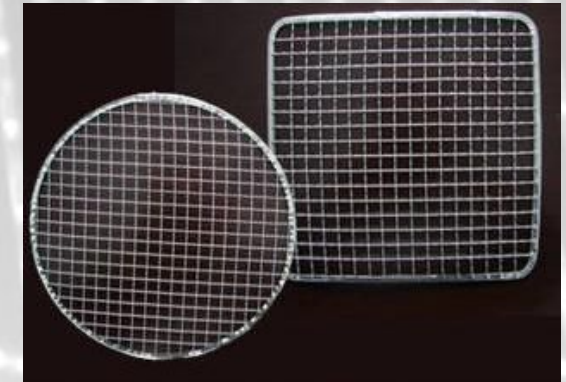




## Crimped Wire Mesh

Crimped wire mesh is woven using wire crimped prior to weaving. The crimps are made at the points the weft and warp wires intersect which secures the wire, thereby stabilizing the wire cloth and preventing the wire from moving.

Additional rigidity and strength can be obtained by adding crimps between the intersections. Crimped wire provides a more secure fit to the mesh, limiting movement of the space cloth. This results in more accurate and consistent opening sizes within the mesh.



### Size & Configurations

- Wire diameter typically range from 0.55mm to 5.0mm
- Hole size up to 100mm
- Weave type include plain crimped, single & double intermediate, lock crimped, flat top and slot hole crimped

### Material

- Stainless steel
- Copper
- Aluminum



### Feature

- Stable mesh size, mesh arranged in order
- Smooth surface, uniform mesh size, small error
- Not easy to deformed and durable and long lasting
- Fine workmanship, beautiful appearance, smooth edges
- No rust, non-toxic, tasteless, easy to use

### Applications

- Test Sieve
- BBQ mesh







## Knitted Wire Mesh

Snails and slugs are both troublesome pests in many a garden. They feed on a great number of living and decaying plants. Juicy fruits, seedlings and herbaceous plants are their favorite food. Protect plants in your garden from attack by slugs and snails, which will not cross this copper knitted mesh. It consists of rolls of knitted copper wire mesh designed specifically for use in the garden to cover ground, plant pots and plant stems. As they attempt to cross the copper mesh their mucous trail causes a tiny electrical charge which repels them.

### Size & Configurations

- Wire diameter typically range from 0.10mm to 0.30mm
- Roll width from 100mm to 500mm
- Roll length from 10m to 100m

### Material

- Pure copper
- Brass
- Phosphor Bronze

### Feature

- Quite light
- Copper mesh repels with a natural charge
- Corrosion resistance

### Applications

- Protect plants in the garden







## Perforated Metal Mesh

Perforated metal to the agricultural industry for each stage of the food production process—from digging the dirt to finished baked product

### Size & Configurations

- Plate thickness from 0.3 to 6.0mm
- Shape include round hole, square hole, slot hole, triangle hole and hexagonal hole

### Material

- Stainless steel
- Carbon steel
- Aluminum
- Copper

### Feature

- Strong corrosion resistance, easy to clean
- Wear resistance, anti-oxidation
- High tensile strength and tolerance capacity.
- Holes and rows are evenly placed in accurate position

### Applications

- Test Sieves
- Grain Storage and Drying
- Conveyor belts for making dry foods
- Metal sheets for dehydration
- Bread pans and baking products
- Ovens with perforated metal screens around the sides
- Metal colanders to rinse produce







## Flat Wedge Screen

Slot flat wedge wire screens are manufactured by spiral wrapping parallel support rods with a continuous "V" shaped wire, then be made to panel screen through cutting and edge welding. The wedge screen panel size can be changeable as need.

### Size & Configurations

- Slot opening up to 10mm
- Wire include triangle wire, Round Rod, Flat Bar and wedge wire

### Material

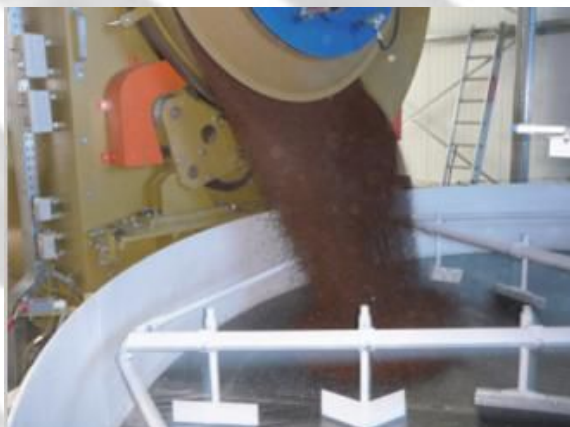
- Stainless steel

### Feature

- High strength,rigidity and load capacity
- Easy to leakage, wear and corrosion resistance

### Applications

- Brewery industry
- The fluid bed dryer or cooler
- Baking products
- Malt plant selection machine,gums and hair drying oven
- Brewery filtration tank
- Food machinery shaker accessories







## Wedge Screen Tube

Wedge wire tube also called Wedge wire screen cylinder. It's manufactured by wrapping and welding stainless steel V-shaped profile wire cylindrical around support rods under automatic specialized wedge wire screen machine. Each profile wire and support rod is contacted by resistance welding.

These wedge wire screen tube can be manufactured for stationary/static processing or can be driven on trunnion for a rotating effect on your materials.



### Size & Configurations

- Slot opening up to 10mm
- Pipe diameter typically range from 1" to 60"
- Wire include triangle wire, Round Rod, Flat Bar and wedge wire

### Material

- Stainless steel

### Feature

- High strength,rigidity and load capacity
- Easy to leakage, wear and corrosion resistance

### Applications

- Feed screening
- Screw Press Machine for Feed Screening
- Separating solids from liquids
- Rotary drum screens







## Sieve Bend Screen

Sieve bend screens also known as side hill screens, parabolic screens, run down screens, gravity screens and DSM screens. Sieve bends are cross-flow screens. The profile wires are slightly tilted so that the leading edge is position higher which greatly increases the dehydration capacity.

A sieve bend consists of a concave curved profile wire screen mounted in a frame with the screen openings perpendicular to the flow. A curved screen has greater capacity than a flat wedge screen due to forces exerted as material flows against the curved surface.

### Size & Configurations

- Slot opening up to 10mm
- Wire include triangle wire, Round Rod, Flat Bar and wedge wire

### Material

- Stainless steel

### Feature

- Firm in structure, good mechanical properties
- High strength, rigidity and load capacity
- Easy to leakage, wear and corrosion resistance
- Avoiding clogging and ensure smooth filtration

### Application

- Feed Screen
- Washing potatoes, vegetables and cereal
- Processing corn for corn starch
- Process sugar, animal waste and fertilizer





## Expanded, Wedge & Wire Products for Agriculture & Food Processing



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