

**Indo German Wire Screen Co.**



**Manufacturers and  
Exporters**  
of wire mesh

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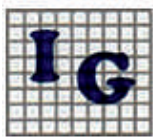
### Types of Wire Mesh

**Indo German Wire Screen Co is one of leading manufacturer of several type of wire mesh. The type of wire mesh you want to purchase, there are many things you want to consider before making a decision.**

- Aesthetic considerations - how important is appearance?
- Function is a significant factor - what do you want to keep in or out?
- Cost is important - should you buy the least expensive product or invest in fencing material that will last a long time and save on the future expenses and labor of early replacement?
- Country of origin may be something you want to take into account - is there any connection between the quality of a fence and where it is made?
- Topography of the site should be considered - are there irregularities in the ground's surface where the fence will be located?
- Manufacturing method is important - is a welded product a better choice than a woven fence mesh?

**Which wire mesh material to use, one of the most important aspects to take into account is the type of "finish" the wire mesh has. There are four basic types:**

1. Galvanized Before Weld and Galvanized Before Weave
2. Galvanized After Weld and Galvanized After Weave
3. Vinyl coated welded and woven
4. Stainless Steel and other alloys.



### Stainless Steel Wire Mesh

**We are one of the leading manufacturer, supplier, stockist and exporter of Stainless Steel Wire mesh in Mumbai, India.**

Stainless Steel Wire Mesh is one of the most popular wire mesh or wire cloth or SS jali. Stainless steel is used in wire mesh where both the properties of steel and resistance to staining and corrosion (by adding chromium, nickel and other metals) are required. The amounts of carbon, chromium, nickel, and other metals affect other characteristics including corrosion resistance, and ease of welding and forming.

It is dimensionally accurate and meant for decreasing the down time of filtration considerably, owing to its mesh size. Our product is in sync with the prevalent market trends.

### Choose your Mesh



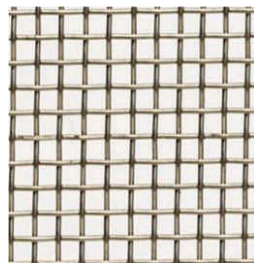
**By mesh count**

From 4" x 4" Opening  
to 3/4" x 3/4" Mesh



**By mesh count**

From 2 x 2 Mesh  
to 4 x 4 Mesh



**By mesh count**

From 5 x 5 Mesh  
to 18 x 18 Mesh



**By mesh count**

From 20 x 20 Mesh  
to 40 x 40 Mesh



**By mesh count**

From 50 x 50 Mesh  
to 500 x 500 Mesh

**By width of opening**

From 4.00" to 1.338"

**By width of opening**

From .937" to .228"

**By width of opening**

From .222" to .060"

**By width of opening**

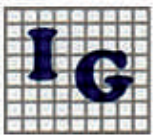
From .028" to .010"

**By width of opening**

From .009" to .001"

### Features

- Financial Responsibility to Our Clients
- On Time and on Budget
- Superior Quality and Craftsmanship
- Real Focus on Customer Satisfaction



### Inconel Wire Mesh

Inconel is a mixture of nickel-chromium alloy and aluminium or molybdenum is added in to Inconel as per requirement and grade

- Weaving type: Plain weave and twill weave.
- Wire diameter: 0.0020" - 0.12".
- Mesh size: 4 mesh - 200 mesh.

### Features of Inconel wire mesh

- Resistant to corrosive environment.
- Effective at high temperature.
- Offers resistance to stresses caused by corrosive acids.
- Offers high tensile strength, yield strength and stability

### Types of Inconel Wire Mesh



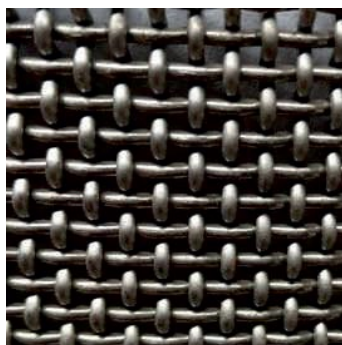
Inconel 600 Wire Mesh



Inconel 718 Wire Mesh



Inconel 625 Wire Mesh



Inconel 617 Wire Mesh

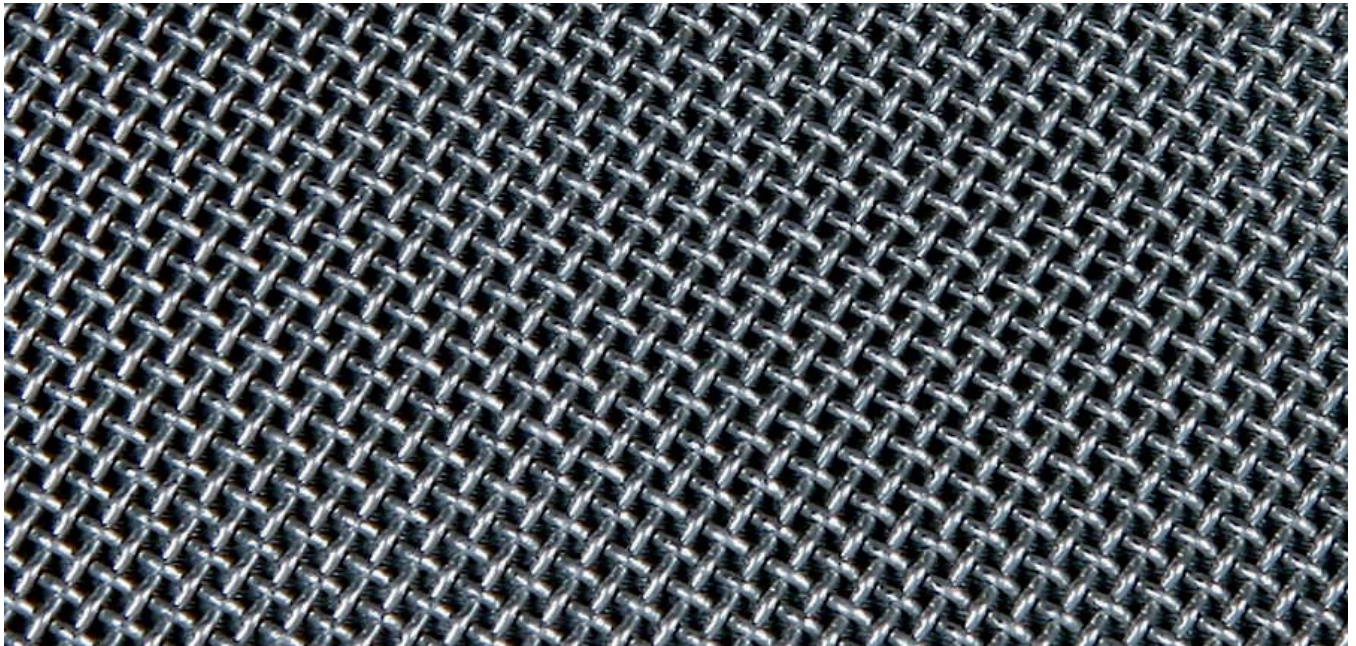


Inconel 601 Wire Mesh





## **Monel Wire Mesh**



An extremely versatile alloy, as a copper-nickel alloy, Monel 400 exhibits high strength and excellent corrosion resistance in a wide range of media, including sea water and in acidic and alkaline environments. Due to these characteristics, Monel 400 wire mesh specifications are often requested by naval shipyards and companies that specialize in marine technologies.

In the wire mesh industry, Monel 400 wire is drawn to specific diameter wires and woven to certain specifications. Monel 400 woven wire mesh is commonly used in a wide range of applications including electrical and electronic components, water heaters and heat exchangers, processing equipment, the petroleum industry, marine fixtures, valves and pumps. Suitable for use across a wide range of temperatures and conditions aerospace, chemical and hydrocarbon processing equipment, as well as in valves, pumps, shafts, fittings and heat exchangers. With a few exceptions, non-industrial users rarely opt for Monel 400 wire cloth/ wire mesh due to its high cost and similar appearance to stainless steel.



### Hastelloy Wire Mesh

Hastelloy Wire Mesh is a corrosion resistant alloy wire mesh. We offer the best quality Hastelloy wire mesh and as manufacturers we provide the customization of Hastelloy Wire mesh. We manufacture all types of Hastelloy wire mesh / wire cloth. It can be woven or welded in nature

#### Features

- Durable
- Heat Resistance
- Corrosion Resistance

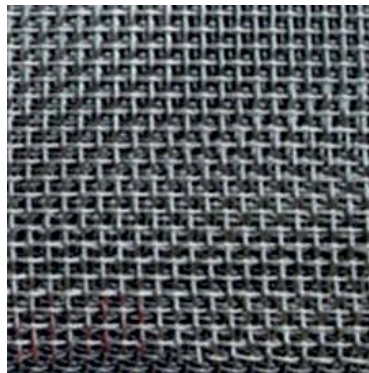
#### Applications of Hastelloy Wire Mesh

1. Pulp and Paper industries
2. Pollution control equipment
3. Chemical processing Industry.

#### Type of Hastelloy Wire Mesh



Hastelloy C276 Wire Mesh



Hastelloy B2 Wire Mesh



Hastelloy C22 Wire Mesh



Hastelloy B3 Wire Mesh



### Brass Wire Mesh

Brass is an alloy that is comprised of copper and zinc, and, like copper, brass is soft and malleable and is attacked by ammonia and similar salts.

#### Types of Brass Wire Mesh

- 1. 80-20 Low Brass wire mesh CDA 240
- UNS C24000
- CDA 240 has excellent strength, ductility, and corrosion resistance. Often used for musical instruments, battery caps, flexible hose, and decorative pieces.
- Composition [Cu 80%, Zn 20%]
- Specifications ASTM B36

#### 2. 70-30 Cartridge Brass wire mesh CDA 260

UNS C26000

CDA 260 is the most ductile brass displaying superior results when cold worked and has excellent corrosion resistance. It is the most widely used alloy for cold headed products. It has a full-brass yellow colour and is often used for fasteners, hinges, radiator cores and tanks, plumbing accessories and aircraft materials.

Composition [Cu 70%, Zn 30%]

Specifications ASTM B134

#### 3. 65-35 Yellow Brass wire mesh CDA 270

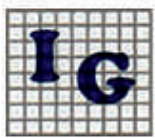
UNS 27000

CDA 270 has excellent good corrosion resistance and strength. It has a similar ductility to CDA 260 and is often used for cold-headed parts.

Composition [Cu 65%, Zn 35%]

Specifications ASTM B134





### Brass Wire Mesh

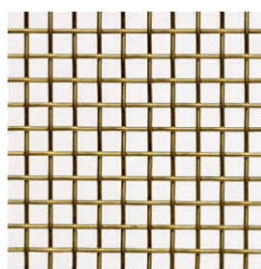
The presence of zinc in brass woven wire mesh is important because it provides added abrasion resistance and allows for higher tensile strengths; it also hardens the mesh, compared to its softer copper woven wire mesh counterpart. For these reasons, brass wire mesh is commonly used in filtration and separation applications, and it is used to fabricate discs, especially in instances when electrical conductivity is not critical.

In most cases, industrial grade brass woven wire mesh has a golden yellow colour to it, and this unique colour makes it appealing for use in architectural, decorative and even artistic applications. Most of the wire mesh specifications that Indo German Wire Screen offers from stock can be cut to size with a pair of high-quality tin snips, or for many of the fine mesh options, a razor blade can be successfully used.

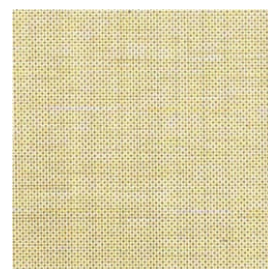
### Choose your Mesh

**By mesh count**

From 1" x 1" Mesh  
to 10 x 10 Mesh

**By mesh count**

From 12 x 12 Mesh  
to 40 x 40 Mesh

**By mesh count**

From 50 x 50 Mesh  
to 100 x 100 Mesh

**By width of opening**

From .920" to .2288"

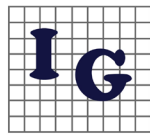
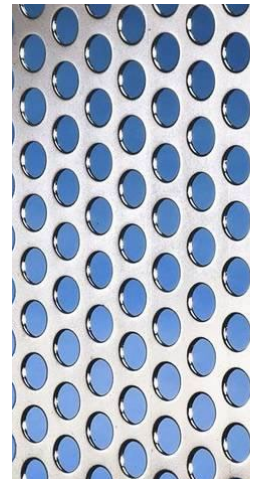
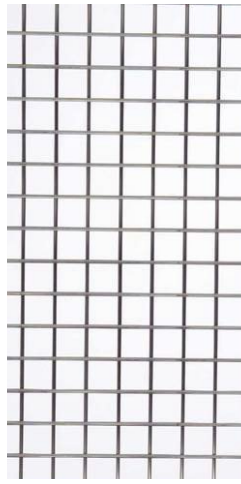
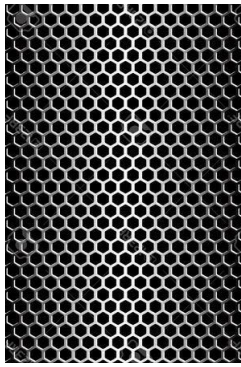
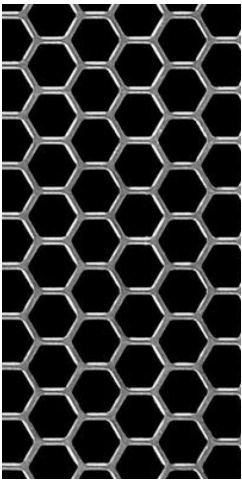
**By width of opening**

From .215" to .0603"

**By width of opening**

From .0553" to .0300"





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