

## Tungsten Mesh

Tungsten is also called Wolfram, it possesses the highest melting point among all metals between 3387oC-3422oC. Outstanding high temperature mechanical characteristics and the minimum thermal expansion coefficient. Extremely high boiling point – 5700oC. It is also one of the heaviest metals with excellent electric conductivity. Lowest vapor pressure. Highest thermal and electric conductivities and very large coefficient of electron emission. Due to its sizzling characteristics it is irreplaceable in many industrial applications in the different fields.

### Tungsten Minerals

Wolframite and Scheelite

### Applications of Tungsten Mesh:

High temperature liquid-gas or solid-liquid or solid-gas filtration, high temperature supporter screens, fire resistant machine guards etc.

Tungsten Mesh is made into various styles:

- 1.Tungsten Woven Mesh
2. Tungsten Expanded Metal
3. Tungsten Perforated Metal

### General Industrial uses of Tungsten

Cemented Carbides, production of steel alloys for example cutting steels, Display screens

## Tungsten Mesh Specification

Mesh wires/inch	Wire dia.	Width	Material purity
10 x 10	0.005 inch	12 inch	99.99 %
20 x 20	0.005 inch	24 inch	99.99 %
30 x 30	0.004 inch	12 inch	99.99 %
60 x 60	0.004 inch	12 inch	99.99 %
100 x 100	0.002 inch	12 inch	99.99 %
140 x 140	0.001 inch	12 inch	99.99 %
150 x 150	0.0008 inch	12 inch	99.99 %
180 x 180	0.008 inch	12 inch	99.99 %

**Heanjia Super-Metals Co., Ltd**

[www.nickel-wiremesh.com](http://www.nickel-wiremesh.com)