

Product Name

Model: Zr-1, Zr-3, R60702, R60705, etc.

Mesh Size: 5Mesh-200Mesh

Wire diameter|thickness: 2.0mm-0.03mm

Weaving Method: Plain Weave, Twill Weave

Density: 6.49 g/cm³

Melting point: 1850 °C

Characteristic:

Zirconium wire woven mesh is a high melting point metal woven mesh with a density of 6.49g/cm³, a melting point of 1850 °C, and a boiling point of 4370 °C.

The surface of pure zirconium mesh is prone to forming an oxide film, which has a metallic luster and therefore has a similar appearance to steel. Zirconium wire mesh has excellent corrosion resistance, which is superior to titanium. It is insoluble in hydrofluoric acid and aqua regia. In high-temperature environments, it can react with non-metallic elements and many metallic elements to form solid solution compounds (such as in the preparation of zirconium nitride wire mesh metal matrix composites).

Application:

The amazing corrosion resistance, extremely high melting point, ultra-high hardness and strength of nuclear grade zirconium mesh make it applicable in aerospace, military, vacuum high-temperature equipment, petrochemical, pharmaceutical, mechanical manufacturing and other fields.

The nuclear grade zirconium mesh provided by Oufulang Rare and Precious Alloy Wire Mesh Company has a purity of 99.95%. The surface mesh of the product is uniform, without broken wires or loopholes, with amazing corrosion resistance, extremely high melting point, ultra-high hardness and strength. It can be applied in aerospace, military, vacuum high-temperature equipment, petrochemical, pharmaceutical, mechanical manufacturing and other fields.

Contact Information:

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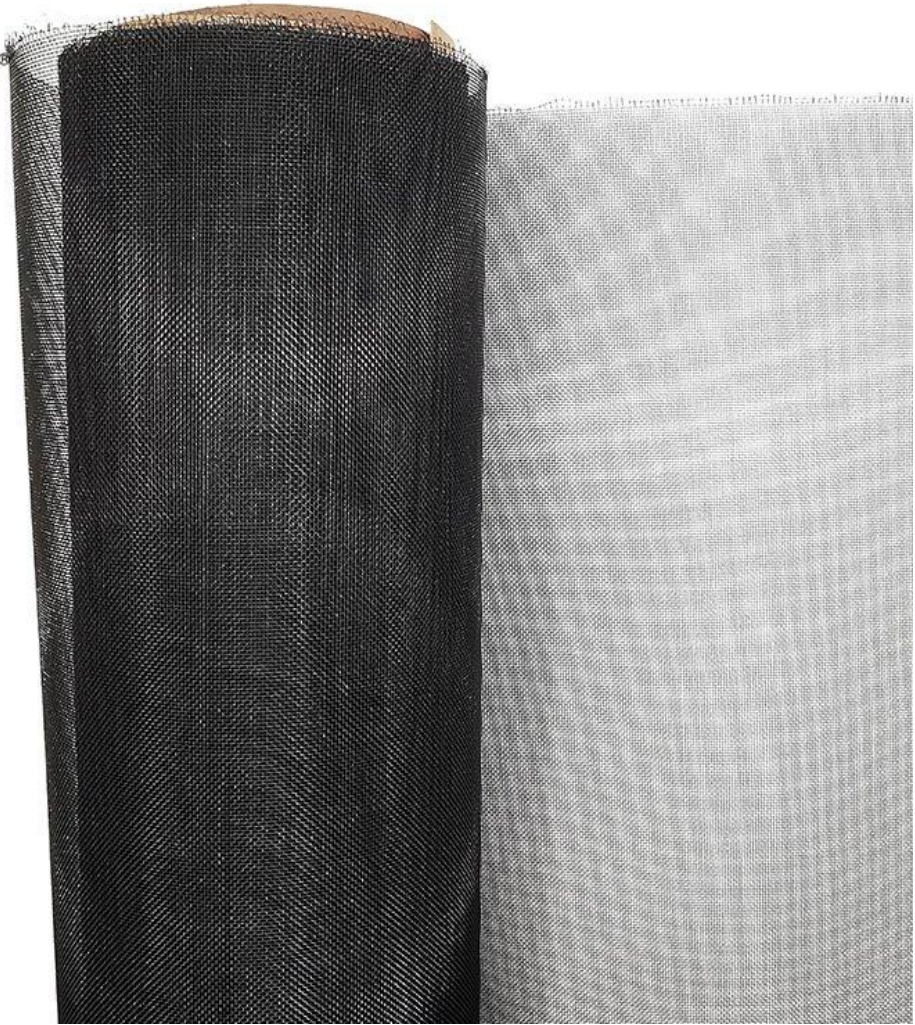
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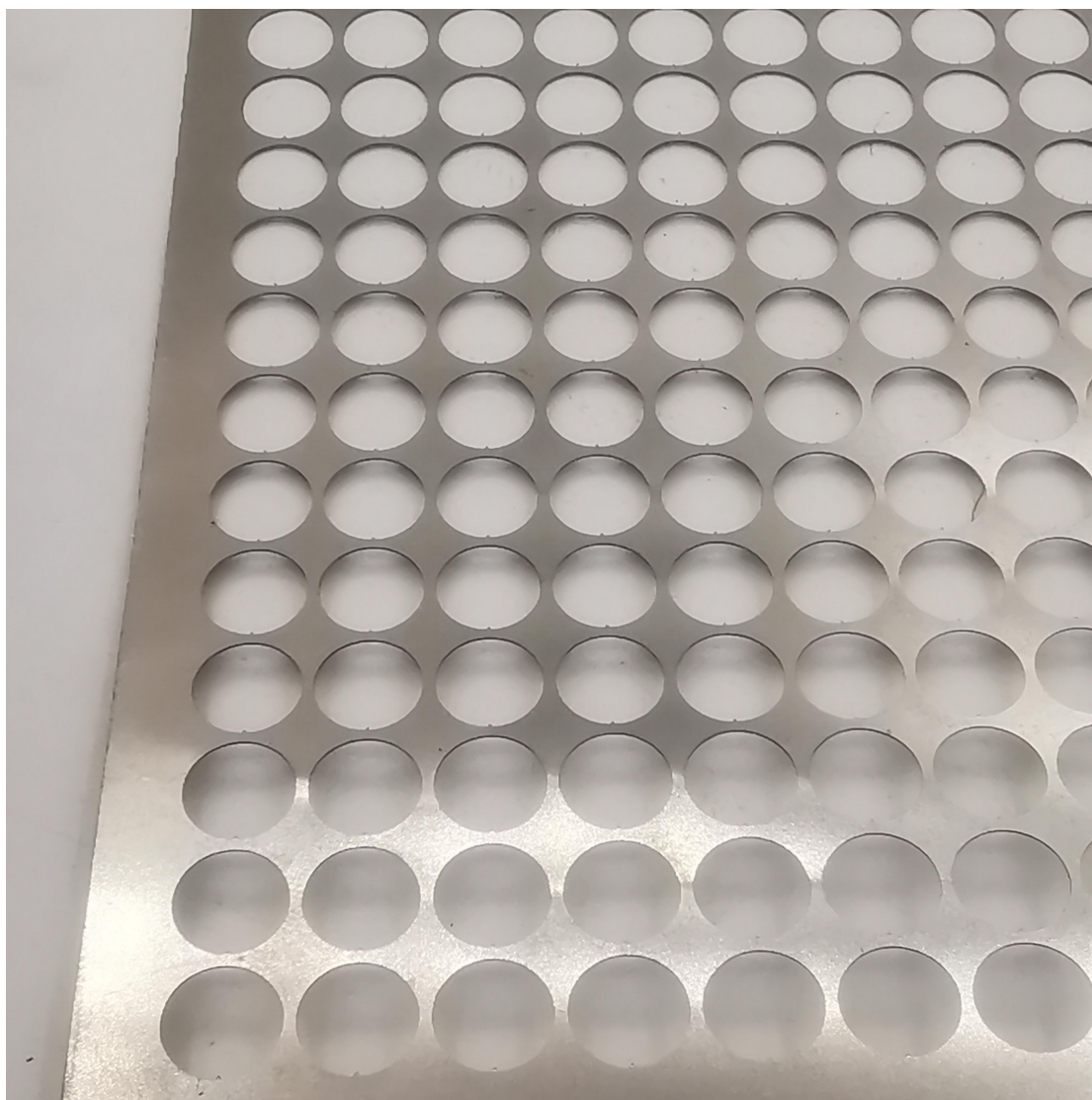


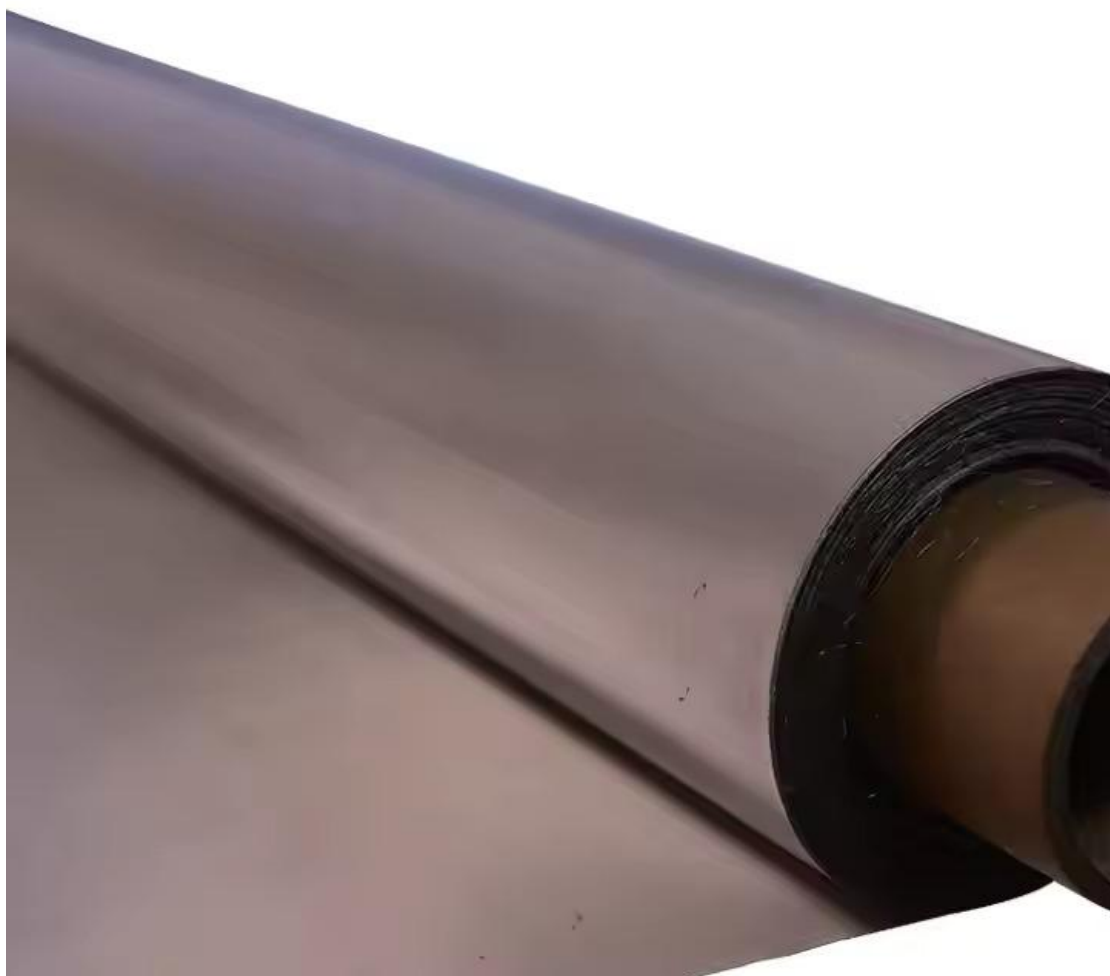


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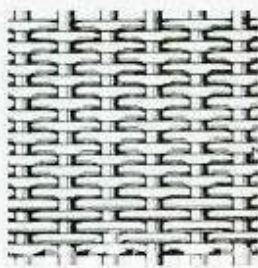




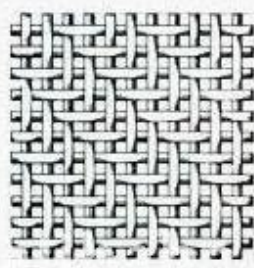




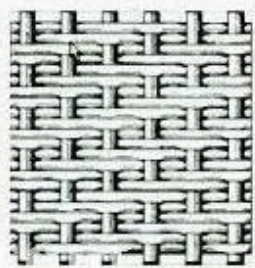
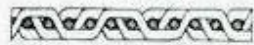
Plain



Dutch



Twilled



Twilled Dutch





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Anping Oufulang Metal Wire Mesh Manufacturing Co., Ltd. is a comprehensive company that integrates scientific research, production, processing, and trade, specializing in titanium, nickel, tungsten, molybdenum, zirconium, tantalum, niobium wire materials and wire mesh products.

Our company has always regarded technology and innovation as the key to enterprise development. We have introduced and developed ultra wide web weaving machines, which can produce stainless steel wire mesh with a width of 6 meters (materials: SUS302 304 316 316L, 2205904L, 254SMO, etc.), and the market prospects are broad; The 150 mesh high-purity titanium mesh developed by the company commissioned by China Ordnance Industry Group 208 has advantages such as acid and alkali resistance, corrosion resistance, etc., and has been recognized and praised by experts from China Ordnance Industry Group 208; The 300 mesh high-purity molybdenum mesh developed by the company can withstand temperatures up to 2400 °C and has been successfully applied in the high-pressure vacuum equipment of the 33rd Institute of China Electronics Technology Group; After more than a decade of development, the company has established long-term cooperative relationships with dozens of domestic universities, research institutions, and mechanical equipment manufacturing units, and has become a supplier of experimental materials to Nanjing University and Beihang University.

EXHIBITION



CERTIFICATE



Obtained utility model patents through international certifications such as ISO9001, and is an AAA rated credit enterprise.

Introduction to the company

Titanium Mesh, Nickel Mesh, Tungsten Mesh, Molybdenum Mesh, Zirconium Mesh, Tantalum Mesh, Silver Mesh, Platinum Mesh, Inconel Alloy 600/601/625 Wire Mesh, Hastelloy Alloy C-276/22 Wire Mesh, Monel 400/500 Wire Mesh, UNS31254, S31803, NO8904, AISI304, 316L, 317L Stainless Steel Wire Mesh, etc

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