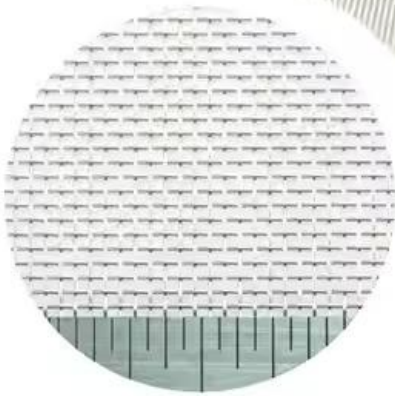
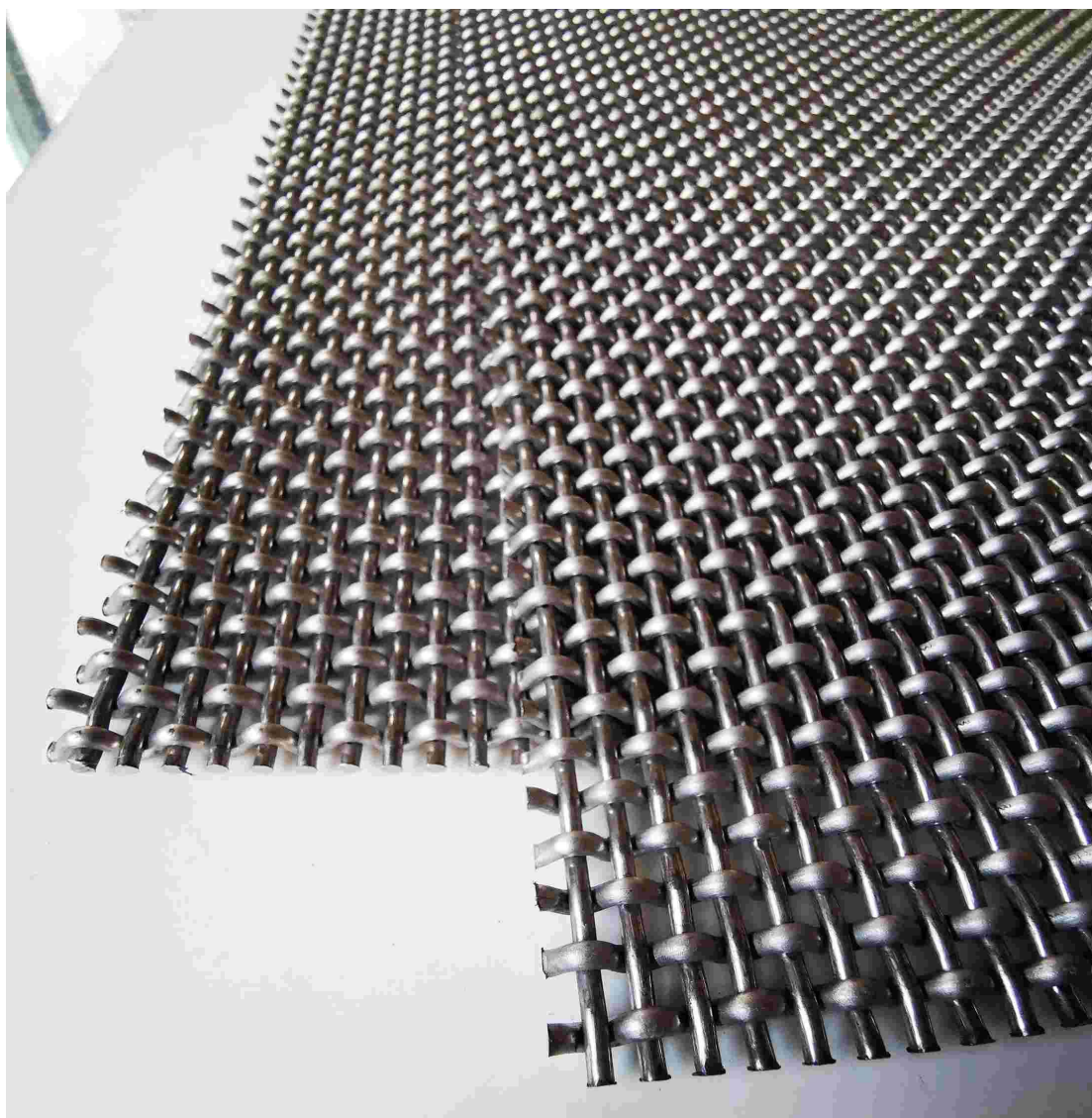


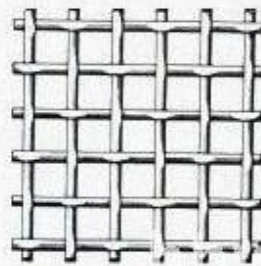
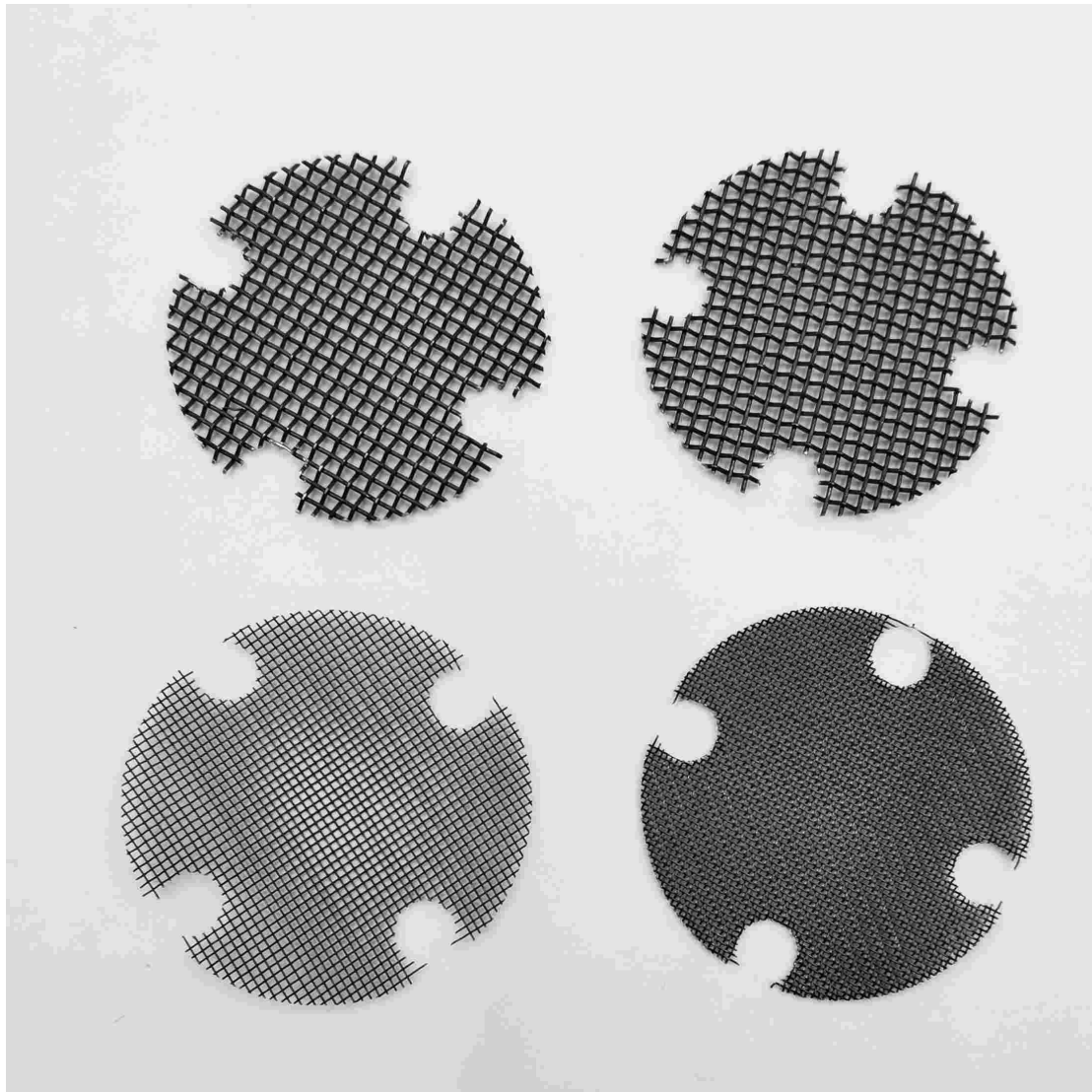
Product Name	
Model	Nb1 Nb2
Density	8.57 g/cm ³
Melting Point	2468 °C
Characteristic	<p>(1) Niobium is a gray white metal with a melting point of 2468 °C, a boiling point of 4742 °C, and a density of 8.57 grams per cubic centimeter. Niobium is a glossy gray metal with paramagnetism, belonging to Group 5 of the periodic table. High purity niobium metal has high ductility, but it becomes harder with increasing impurity content. Its outermost electron layer arrangement is very different from the other Group 5 elements. The same phenomenon also occurs on the ruthenium (44), rhodium (45), and palladium (46) elements before and after.</p> <p>(2) Niobium exhibits superconducting properties at low temperatures. At standard atmospheric pressure, its critical temperature is 9.2K, which is the highest among all elemental superconductors. Its magnetic penetration depth is also the highest among all elements. Niobium is one of the three elemental type II superconductors, the other two being vanadium and technetium. The purity of niobium metal greatly affects its superconducting properties.</p> <p>Niobium has a low capture cross-section for thermal neutrons, making it quite useful in the nuclear industry.</p>
Application	<p>(1) Tantalum niobium mesh can withstand high temperatures, has good strength and stiffness, and is a high-quality material for making heating components, insulation components, and loading vessels for vacuum high-temperature furnaces</p> <p>(2) Tantalum mesh niobium mesh is used in the aerospace industry to produce engine components for aerospace aircraft, rockets, submarines, and more, such as combustion chambers, combustion mesh ducts, turbo pumps, and so on.</p> <p>(3) Tantalum wire mesh niobium wire mesh is a high-quality aerospace material used for rocket accelerator nozzles, spacecraft propulsion systems, nozzle valves, and more.</p> <p>(4) Niobium tantalum mesh can be used to make capacitors and lining for armor piercing bullets.</p> <p>(5) Niobium mesh has a small neutron capture cross-section, high thermal conductivity and strength, and is used as a nuclear fuel cladding material, nuclear fuel alloy additive, and heat exchanger structural material in atomic reactors.</p>
Contact Information	<p>Email:estrellayue@ofolan.com</p> <p>Whatsapp:+86-13315865785</p> <p>W.P:+86-13315865785</p>



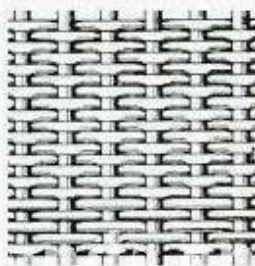




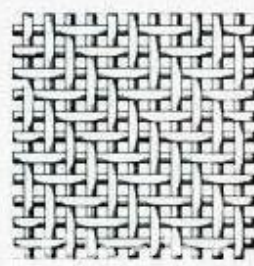




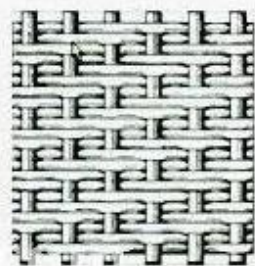
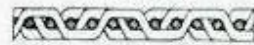
Plain



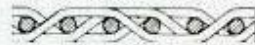
Dutch



Twilled



Twilled Dutch





OFOLAN



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,Monel400/500 Wire Mesh,UNS31254,S31803,NO8904,AISI304,316L,317L Stainless Steel Wire Mesh,etc

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