

Product Name		
Model	Platinum Pt≥99.99%	
Mesh Size	0.5-100Mesh	0.3X0.5mm 1X2mm 2X3mm 3X6mm 4X8mm 5X10mm
Wire Diameter   Thickness	2.0mm-0.05mm	
Weaving Method	Plain Weave, Twill Weave, Mat Weave	Diamond Shaped Hole, Circular Hole, Square Hole
Density	21.45 g/cm³	
Melting Point	1772 °C	
Characteristic	<p>Pure platinum wire mesh is silvery white, with excellent ductility, thermal and electrical conductivity. It features high melting point, oxidation resistance and stable chemical properties, meeting GB/T5799-98 standards. It also boasts high thermoelectric potential, good linear relationship between thermocouple alloy temperature and thermoelectric potential, high stability, uniformity and oxidation resistance.</p> <p>It performs well in flame color reaction without impurity interference. In the experiment of ammonia catalytic oxidation for nitric acid production, red-hot platinum wire mesh enables the reaction of ammonia-air mixture to generate reddish-brown nitrogen dioxide, while remaining red-hot itself.</p>	
Application	<p>(1) For ammonia oxidation to synthesize platinum nitrate</p> <p>(2) Manufacture of jewelry, wires, lab containers, corrosion-resistant equipment, dental materials</p> <p>(3) Production of platinum resistance thermometers, S/R-type thermocouples, standard electrodes/instruments, precision alloys, chemical industry applications</p> <p>(4) Catalyst, oxidant, gas absorbent</p> <p>(5) High-temperature test carrier in chemical/pharmaceutical/cement/research labs for ≥1400°C experiments; features high heat resistance &amp; long service life</p> <p>(6) Battery collector/electrode/skeleton mesh, experimental materials, high-precision filtration, military/aerospace applications</p>	
<p>Oufulang Rare and Precious Alloy Wire Mesh Company offers 99.99% pure electrode platinum wire mesh (white gold mesh) with uniform surface, no broken wires or loopholes. It features good ductility, ultra-high conductivity and heat transfer, widely used in nitrate catalysis, battery electrode current collectors, thermocouple instruments, aerospace, military nuclear reactors, rocket</p>		

missiles, vacuum high-temperature equipment, petrochemicals, pharmaceuticals, mechanical manufacturing, etc.

In-stock specs: 10, 20, 30, 50, 100 mesh. Year-round stock meets small-batch experimental orders and large industrial urgent needs, saving custom costs and time. Special specs can be customized per drawings.

**Contact  
Information**

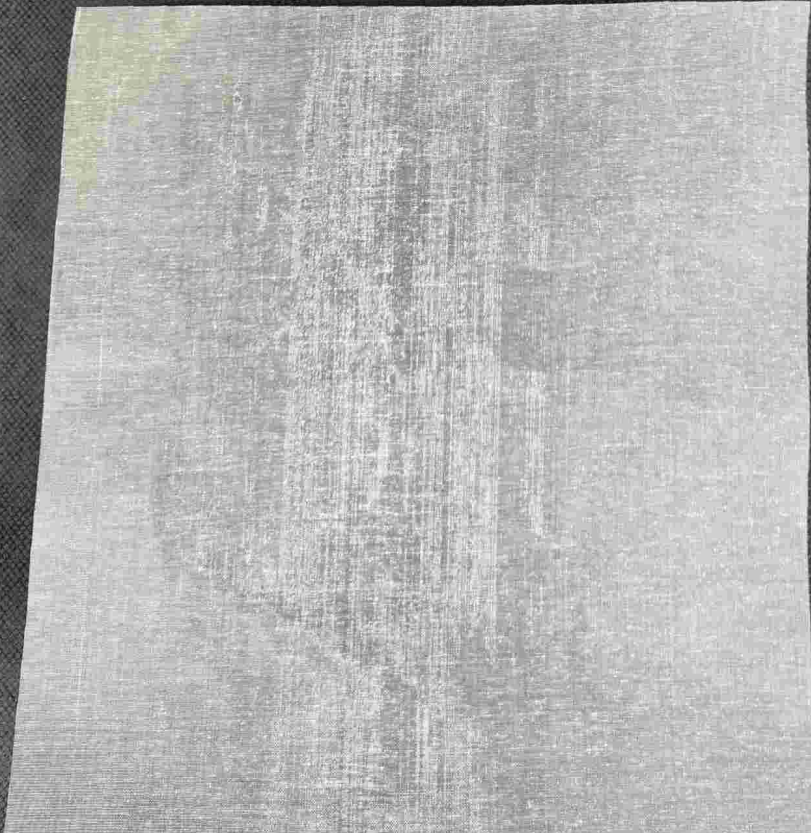
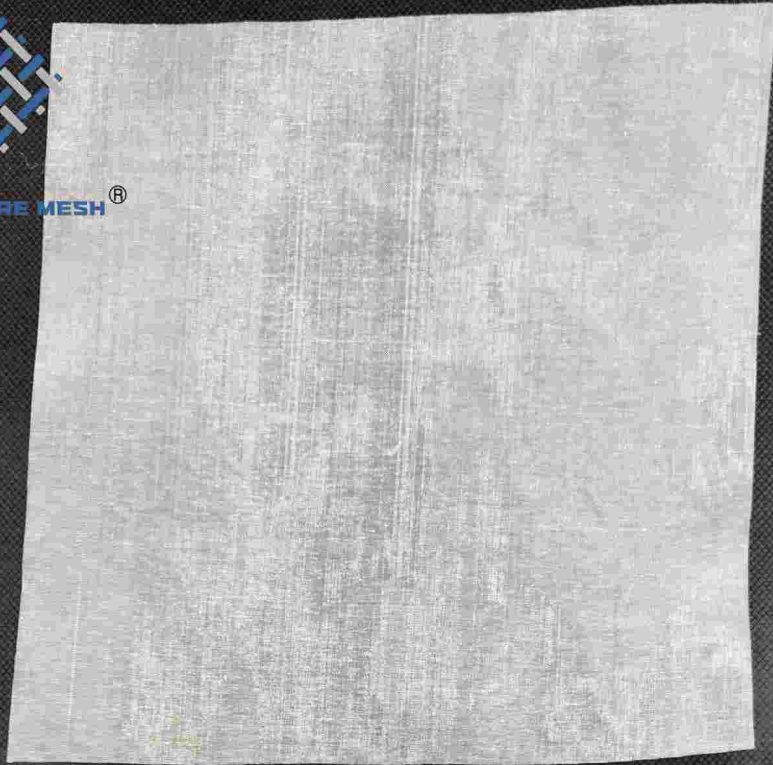
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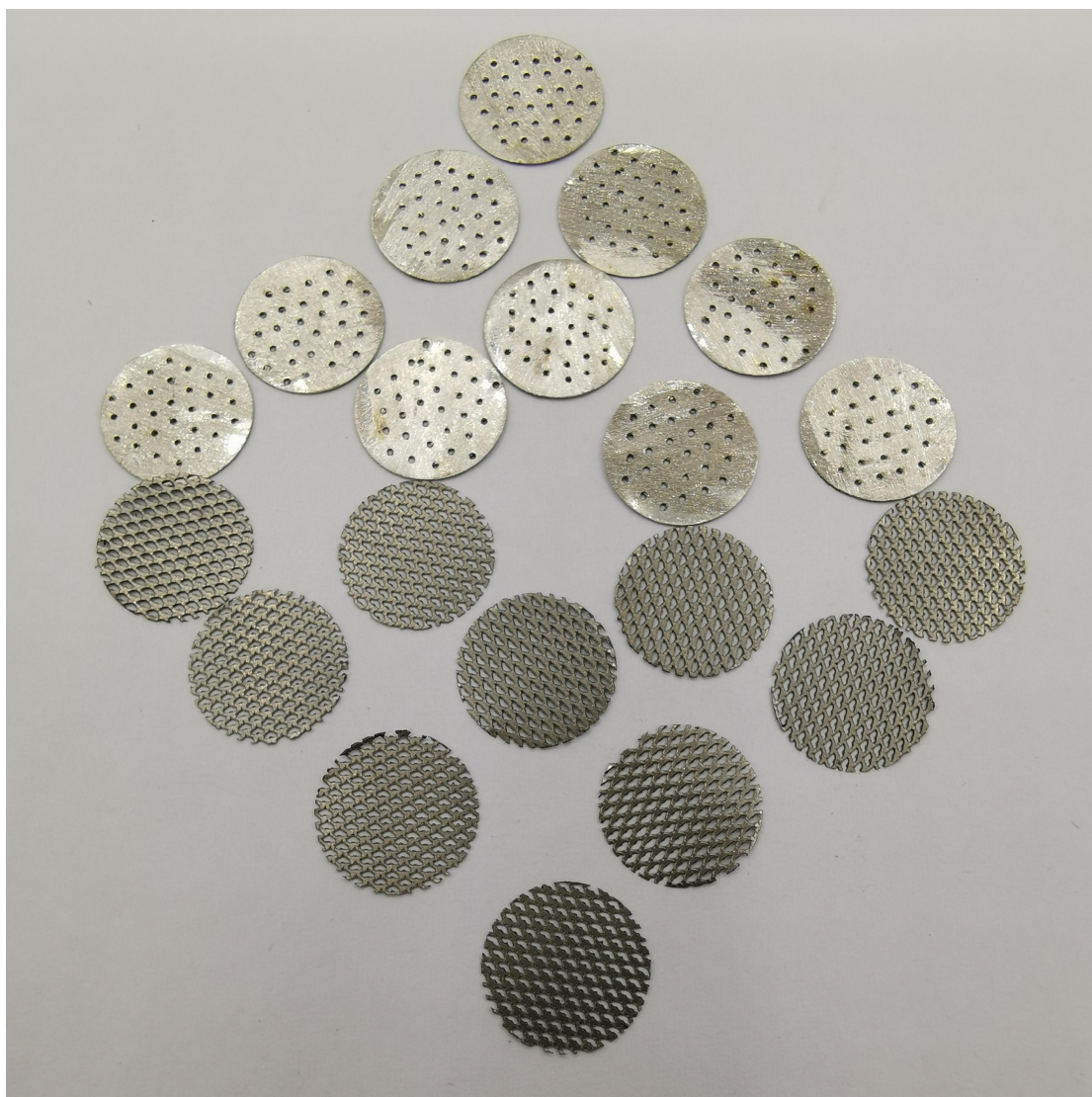
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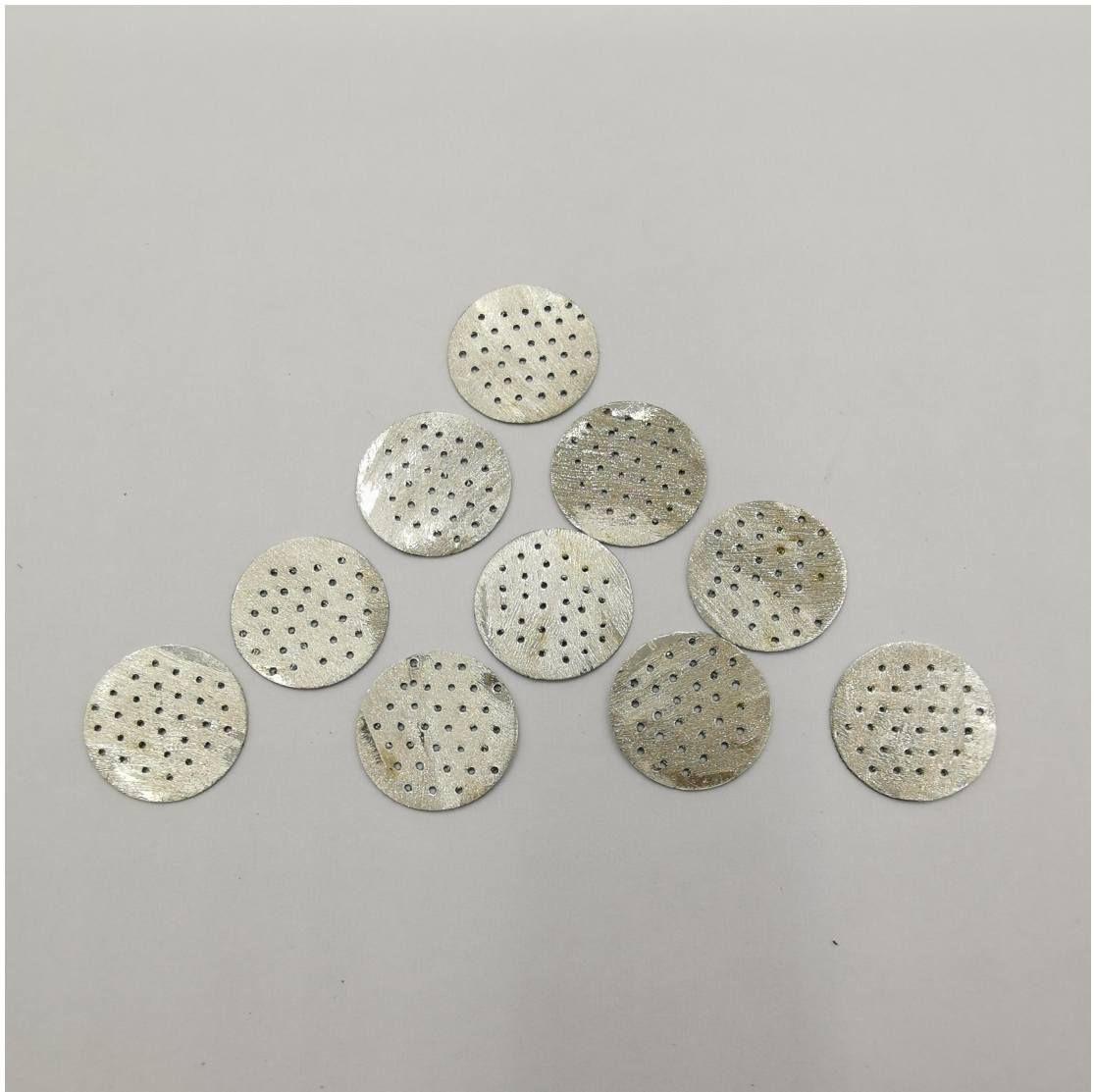


BFDLAN WIRE MESH®



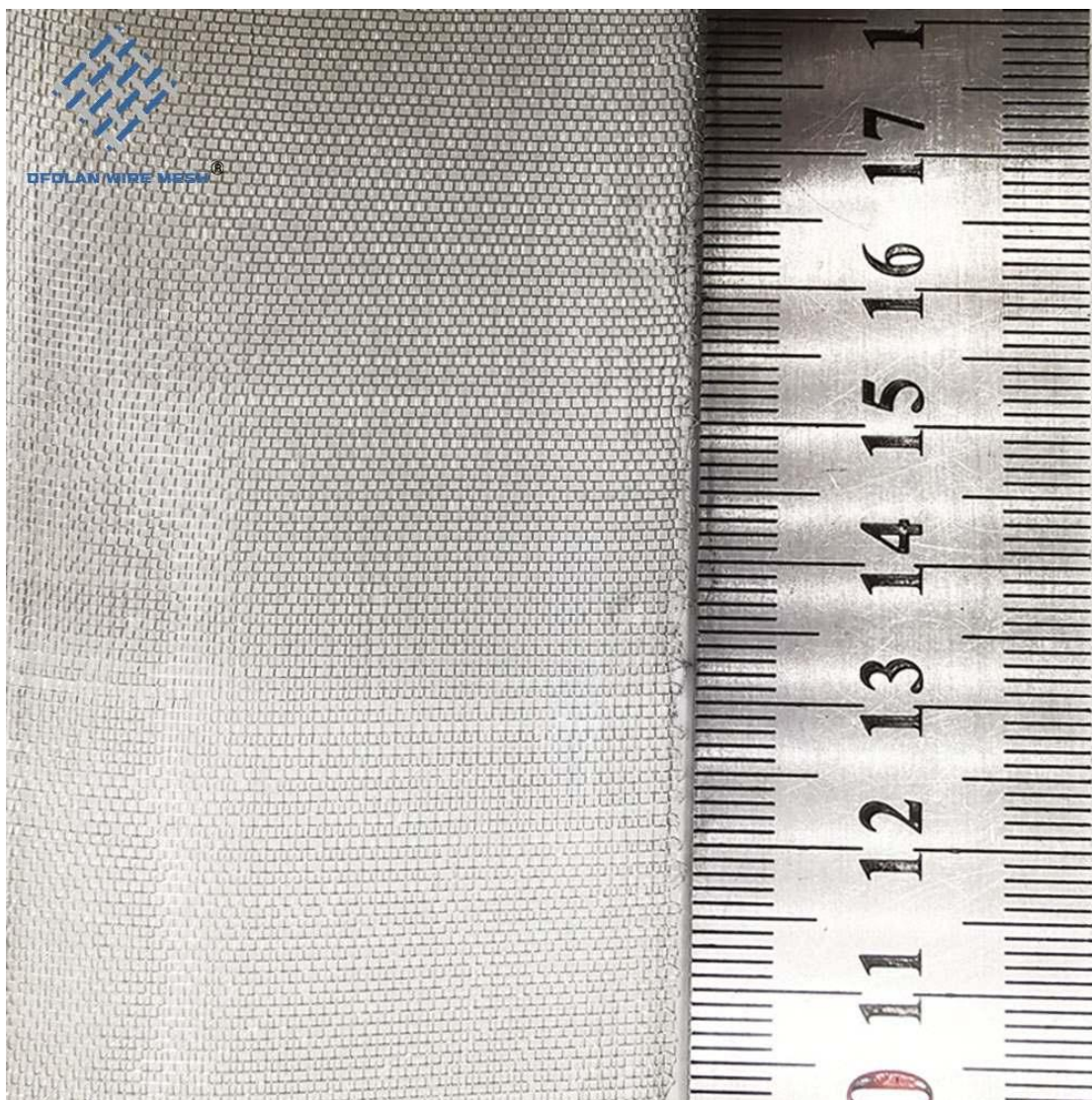




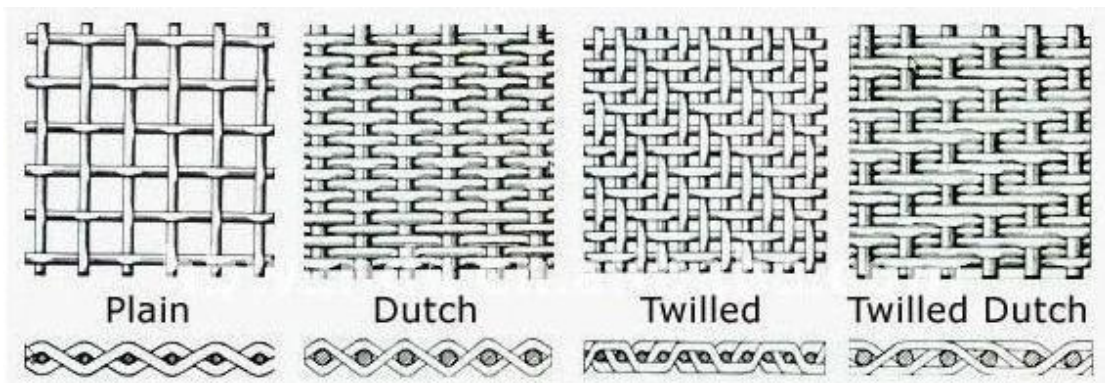
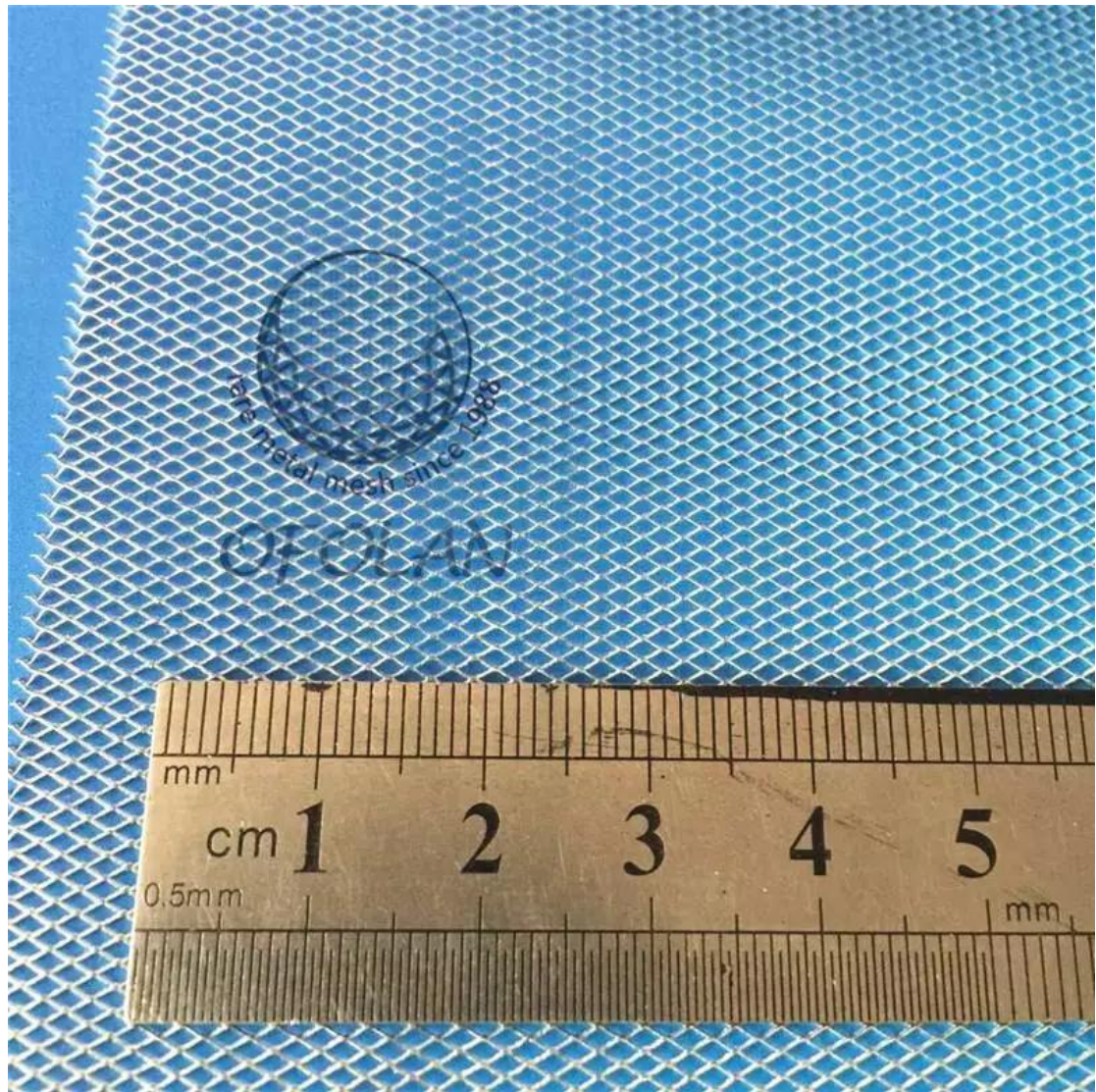
















# OFOLAN



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 AlloyC-276/22 Wire Mesh,Monel400/500 Wire Mesh,UNS31254,S31803,NO8904,AISI304,316L,317L Stainless Steel Wire Mesh,etc

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**OFOLAN WIRE MESH®**