



## Beihai Composite Materials Co., Ltd.

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### Product Description:

Porous metal foam is a new type of porous structure metal material with a certain number and size pore size and a certain porosity. The material has the characteristics of small bulk density, large specific surface area, good energy absorption, high specific strength and specific rigidity. The through-hole body has strong heat exchange and heat dissipation capabilities, good sound absorption performance, and excellent permeability and permeability. Foam metal with different parameters and indicators can be adapted to a variety of different functional and structural uses, and can have both functional and structural attributes.



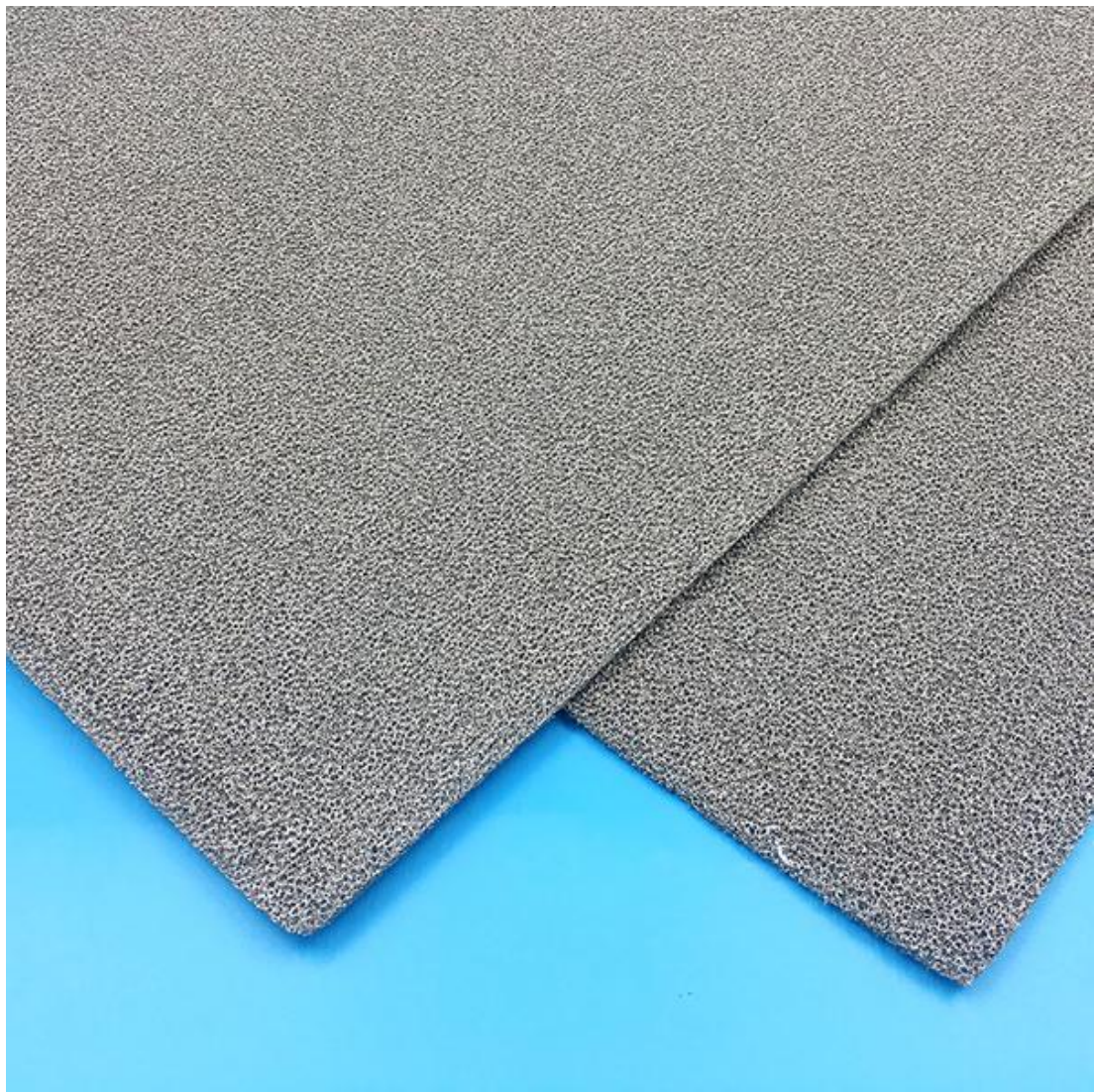
## Product Specifications:

Continuous Nickel Foam		
Purity	$\geq 99\%$	
Porosity	$\geq 95\%$	
Pore Size	75PPI to 130PPI	
Thickness	$(0.5 \text{ to } 2.5) \pm 0.05 \text{ mm}$	
Areal density	$(280 \text{ to } 1500) \pm 30 \text{ g/m}^2$	
Tensile Strength	Longitudinal $\geq 1.25 \text{ N/mm}^2$	Transverse $\geq 1.00 \text{ N/mm}^2$
Elongation	Longitudinal $\geq 5\%$	Horizontal $\geq 12\%$
Maximum width	930mm	

Nickel Foam Sheet	
Pore Size	5PPI to 80PPI
Density	$0.15 \text{ g/m}^3 \text{ to } 0.45 \text{ g.cm}^3$
Porosity	90% to 98%
Thickness	5mm to 20mm
Maximum width	500mm x 1000mm

## Product Feature:

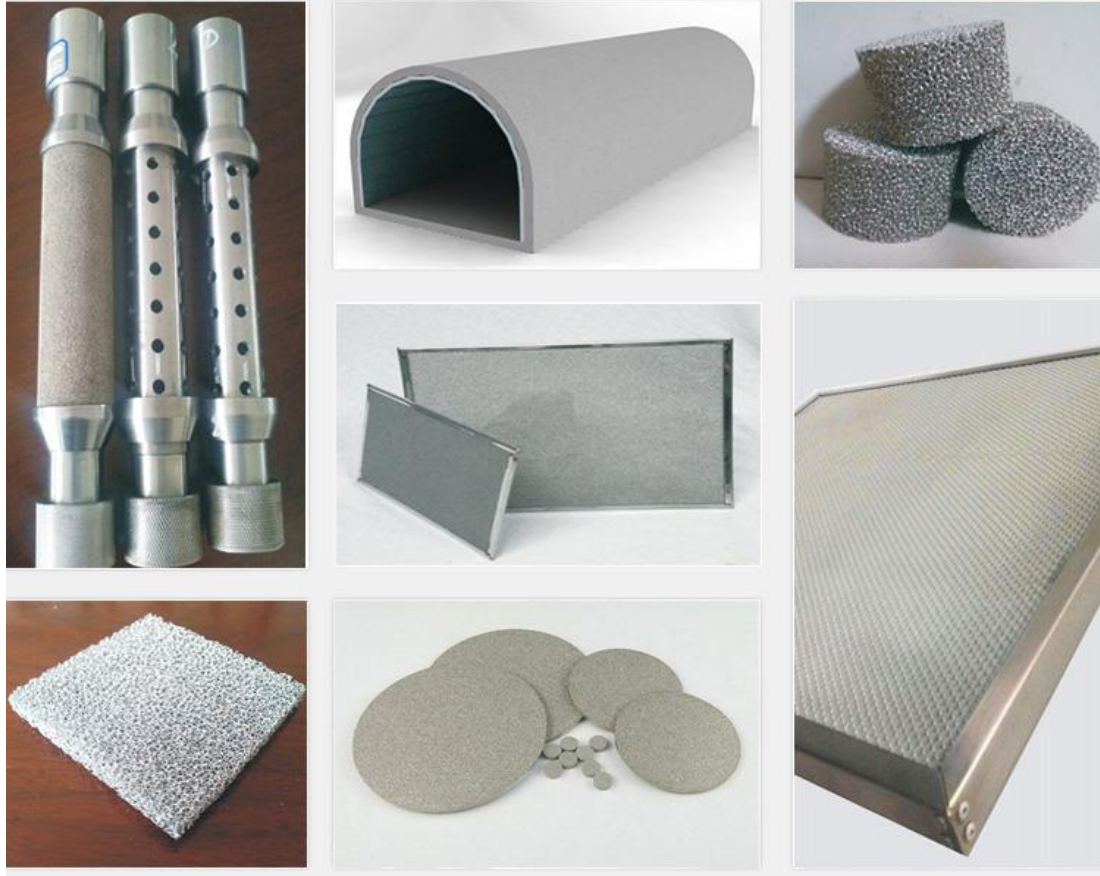
- 1 ) Nickel foam has excellent thermal conductivity, thermal heat can be widely used in electrical / electrical and electronic components.
- 2 ) Nickel foam because of its excellent electrical conductivity, and its application in the electrode material nickel-zinc batteries and electric double layer capacitor is also the industry 's attention is being.
- 3 ) Due to the structure and properties of copper foam harmless to human basic characteristics of copper foam is an excellent medicine and water purification filter material filter material.





## Application:

Oil and sand separation, cast aluminum filtration, ceramic toughening, outdoor gas stove to gather fire, reduce harmful gas discharge air filter net, increase photocatalyst coating, mobile phone electrical appliance heat dissipation, thermal conductive foam net, coating, electrolysis, high temperature furnace.



## Contact Us:

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## FAQ:

1.MOQ: 100m<sup>2</sup>.

2.Delivery time: around 20 days after confirm order.

3.Payment term: T/T 50% deposit in advance, 50% balance before shipment date.