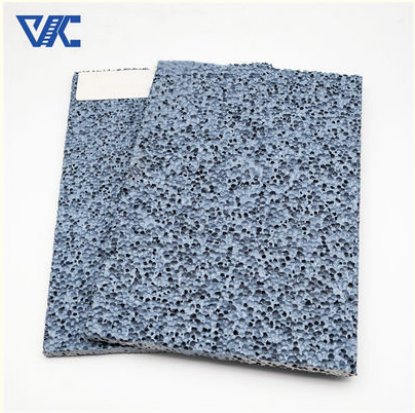
Aluminium Foam Exceptional Thermal Stability And Versatility For Various Industries

Our Product Introduction

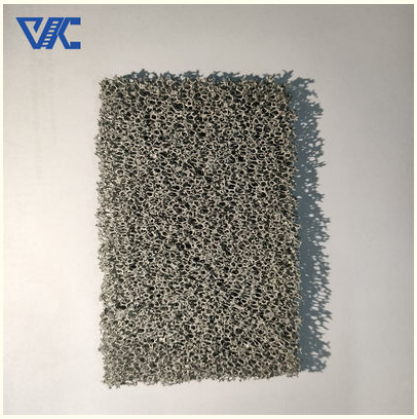
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Aluminium Foam
- Minimum Order Quantity: 500
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Aluminium Foam
- Material: Aluminium
- Performance: Sound-absorbing
- Melting Temperature: 560-700°C
- Feature: High Impact Absorption Ability
- Through Porosity: 98%
- The Aperture: 0.3mm-7mm(can Customized)
- Size: 5~100mm Or Customized
- Application: Roads, Buildings, Etc
- Advantage: Sound Absorption And Noise Reduction
- The MAX Sound Absorption Coefficient: ≥0.8
- Highlight: **Thermal Aluminium Foam**, **Sound Absorbing Aluminium Foam**, **1.08 g/cm3 Metal Foam**



More Images

Our Product Introduction

for more products please visit us on victory-alloy.com

Product Description

Aluminium Foam Exceptional Thermal Stability And Versatility For Various Industries

Introduction:

Nickel foam, composed of interconnected nickel strands, possesses a highly porous structure that enables its exceptional versatility. It finds applications in catalysis, filtration, and energy storage, benefiting from its large surface area. Furthermore, its impressive conductivity and thermal properties make it a sought-after material in aerospace, automotive, electronics, and environmental engineering.

Features:

Nickel foam has relatively good thermal stability and can maintain its structure and performance in high-temperature environments.

However, the specific high temperature range it can withstand depends on factors such as the preparation method of nickel foam, porosity, pore size and material purity.

Generally speaking, nickel foam can withstand temperatures of hundreds of degrees Celsius in high temperature environments. The specific thermal stability depends on the preparation quality of the nickel foam and the application requirements. If it needs to be used at higher temperatures, such as over 500 degrees Celsius, special processing may be required or materials with better thermal stability at higher temperatures may be needed.

In practical applications, the thermal stability of nickel foam needs to be evaluated based on specific temperature requirements and application environments, and appropriate materials and preparation methods should be selected.

Parameter:

Aperture	0.3mm-7mm(can customized)
Porosity	63%-90%
The MAX Sound Absorption Coefficient	≥0.8
Bulk density	0.27-1.08 g/cm3
size	Customized

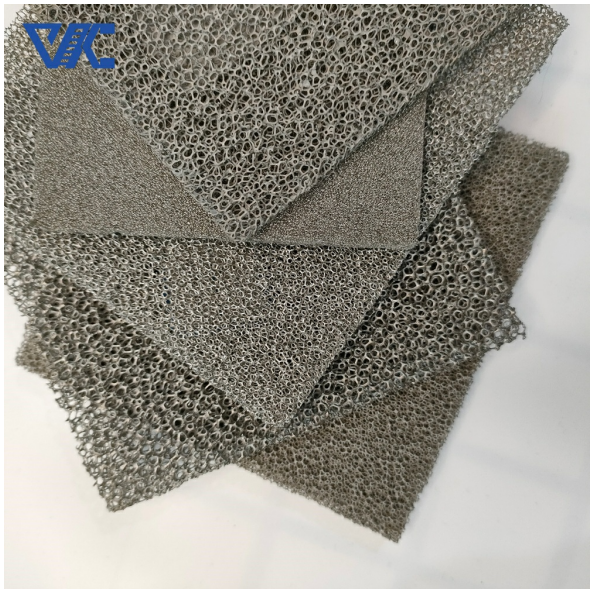
Foam Nickel

It is widely used as filter carrier, chemical catalyst carrier; it can even be used as electromagnetic shielding material, and can also be used as battery electrode material

Foam Copper

It is widely used as electrode skeleton material for new batteries, production of thermal conductive materials, and heat dissipation materials for motors and electrical appliances.

0.1mm*200mm*300mm	0.2mm*200mm*300mm	0.3mm*200mm*300mm
0.5mm to 1.7mm*200mm*300mm	2mm*200mm*300mm	3 to 4mm*200mm*300mm
5mm*200mm*300mm	6mm*200mm*300mm	8mm*200mm*300mm
10mm*200mm*300mm	10 to 20mm*200mm*300mm	The size can be customized



contact us
email:victory@dlx-alloy.com
Oem service:
Welcome customized size
We are experience factory for OEM&ODM service

Related Foam

Nickel Foam	Carbon Foam	Aluminium Foam	Stainles Steel Foam	Ag Foam

FAQ:

What are the applications of nickel foam in the energy field?
Nickel foam can be used for energy adsorption and storage, such as hydrogen storage materials and energy storage materials.

Can the pore structure of nickel foam be controlled?
Yes, the pore structure of nickel foam can be adjusted and controlled by controlling the preparation conditions and using different foaming agents.

Does nickel foam have good chemical stability?
Nickel foam has good chemical stability in general environments, but may corrode in some highly corrosive media.

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