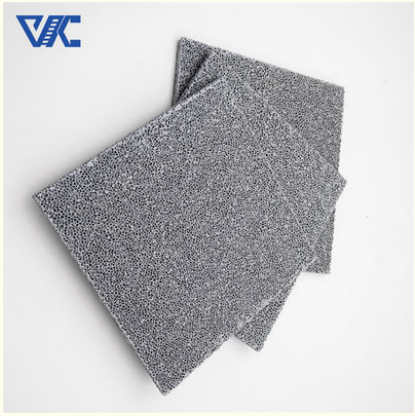
0.1mm-25mm Thickness Ni Foam Electrode Nickel Metal Foam Ni Metallic Foam Filter

Our Product Introduction

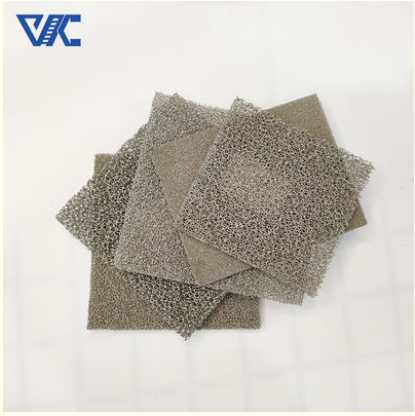
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Nickel Foam
- Minimum Order Quantity: 500
- Price: Negotiable
- 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

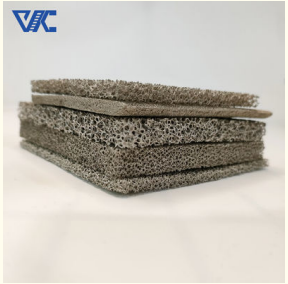


Product Specification

- Product Name: Nickel Foam
- Material: Nickel
- Density: 0.1-0.8g/cm3
- Performance: Sound-absorbing
- Melting Temperature: 560-700°C
- Feature: High Impact Absorption Ability
- Purity: 97%
- The Aperture: 0.2mm-8mm (50-130ppi)
- Size: Request
- Application: Battery, Filter, Sound Absorbing
- Specific Surface Area: ≥10 /g
- Highlight: **Sound Absorbing nickel foam sheet**, **98% nickel foam sheet**, **oise Reducing Material ni foam**



More Images



Our Product Introduction

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Product Description

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.

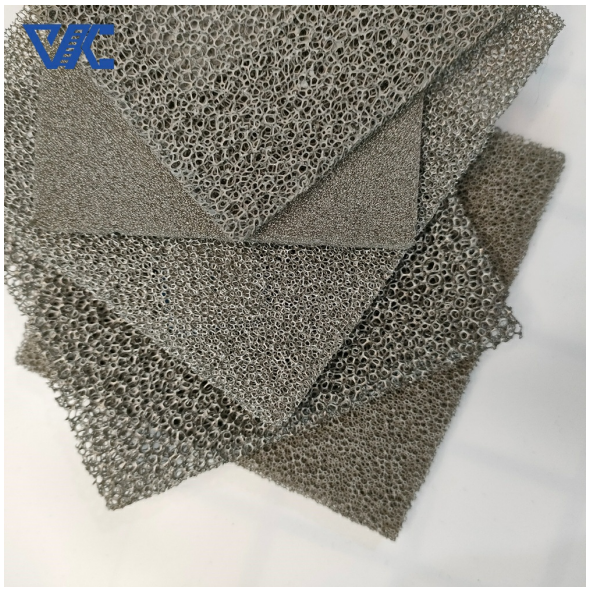
Generally speaking, nickel foam can withstand temperatures of hundreds of degrees Celsius in high temperature environments. The specific thermal stability depends on the preparation quality of the nickel foam and the application requirements. If it needs to be used at higher temperatures, such as over 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:

Material	Nickel Foam
Purity	> 99.99%(excellent anti-corrosive)
Surface Density	346g/m2
Length	1m
Width	300mm
Thickness	1.6 mm
Net weight	104g
Porosity	≥95% (80-110 Pores per Inch. average hole diameters about 0.25mm)
Extensibility	Lengthwise≥5%; Widthwise≥12%
Tensile Strength	Lengthwise≥1.25N/mm^2; Widthwise≥1.00N/mm^2

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



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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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