

Products


All technical data presented represent typical results, unless stated otherwise as min/max values. No guarantee is made that material will meet exactly the values shown.

Nickel Foam

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Porometal Nicke...
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Continuous Nickel foam




Continuous Ni foam Standards

Item	Unit	Standard	Tolerance	
Thickness	mm	1.00mm-3.0mm	±0.05	
Width	mm	Adjustable according to needs	±0.5mm when less than 500mm ±1.0mm when over 500mm	
Pore size	PPI	90PPI-130PPI	±10	
Density	g/m ²	250g/m ² -500g/m ²	±30	
Tensile Strength	N/20mm	Normal/Value		
		280g/m ²		
		320g/m ²		
		350g/m ²		
		380g/m ²		
		420g/m ²		
Electrical Resistivity	mΩ/100×10m ²	Normal/Value		
		Longitudinal		
		Transverse		
		280g/m ²	Z±5.75	H±0.90
		320g/m ²	Z±5.65	H±0.85
		350g/m ²	Z±5.60	H±0.80
		380g/m ²	Z±5.55	H±0.75
420g/m ²	Z±5.45	H±0.70		
500g/m ²	Z±5.40	H±0.65		

Continuous Nickel foam

With the outstanding performance of high porosity, conductivity and uniform pore structure, Nickel foam has been widely used as electrode in NiMH and NiCd batteries. And it also can be used in consumer and traction rechargeable batteries. Nickel foam can offers a wide range of specification in a variety of densities,widths,thicknesses and pore sizes to meet our customers' needs.



Continuous NI foam Standards

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Item	Unit	Standard	Tolerance
Flexibility	Times	ZR±5.HR±15	
Elongation	%	ZY±5.HY±10	
Length Tolerance	%	0.5	
Joints	Pieces	4 pcs Per 200m	
Connection Distance	M	±10m	
Porosity	%	±95	
Impurity Content	%	Balance	
		C	
		Fe	
		Cu	
		S	
		Si	
		P	
		Pb	
		Cr	
		Cd	

1

2



Cd	<0.10
Hg	<0.10

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Application: Advanced energy, Specialty materials
Product type: Consumables, Chemicals, Components
Production scale: Lab, Pilot, Commercial
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