



High Quality Pure Nickel Alloy Foil / Strip For 18650 Cylinder Battery Welding

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO,TUV, RoHS
- Model Number: N4,N6,Ni200,Ni201
- Minimum Order Quantity: 2kg
- Price: \$28-\$32/kg
- 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: Pure Nickel Strip
- Grade: N4,N6,Ni200,Ni201
- Metal: Nickel
- Ni(min): 99.95%
- Resistance ($\mu\Omega\cdot m$): 1.5
- Ultimate Strength (\geq MPa): 462
- Elongation (\geq %): 45
- Surface: Bright
- Density (g/cm³): 8.9 G/cm³
- Resistivity: 1.35 \pm 0.07
- Melting Point($^{\circ}$ C): 1435-1446 $^{\circ}$ C
- Application: Chemical Industry
- M.O.Q: 2KG
- Highlight: 18650 Battery Pure Nickel Alloy Foil, Battery Pure Nickel Alloy Strip



More Images



Product Description

When it comes to Pure Nickel Strip products, it is a high-quality metal strip made of high-purity nickel material. It has excellent performance and a wide range of applications.

Pure Nickel Strip is manufactured using high-purity nickel, ensuring stable quality and purity above 99.5%. This makes it a reliable choice in various applications.

Pure Nickel Strip has multiple important characteristics, including excellent corrosion resistance. It can resist the erosion of various chemicals, acids, alkalis, and corrosive gases, making it widely used in fields such as chemical engineering, electrochemistry, and battery manufacturing.

Specification

Grade	Ni+Co	Cu	Si	Mn	C	Mg	S	P
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N4	99.8	0.015	0.03	0.002	0.01	0.01	0.001	0.001
N6	99.6	0.10	0.10	0.05	0.10	0.10	0.005	0.002
Ni201	≥99.0	≤0.25	≤0.35	≤0.35	≤0.02	/	≤0.01	/
Ni200	≥99.2	≤0.25	≤0.35	≤0.35	≤0.15	/	≤0.01	/

Material	18650/21700/26650/32650 nickel strip
Dimension	1P to 9P
Available Space	18.5mm,19mm, 19.5mm, 20.2mm
Usage	Use for 18650 battery pack
Package	Nickel strip in roll pack into carton
Physical properties	High temperature resistant, corrosion resistance,
Technical support	With imported stamping machine, Japanese Sodick, complete mold (more than 2000 sets of battery industry hardware mold), and can open mold independently.
Functions	Products are widely used in energy storage battery, new energy vehicles, electric bicycles, solar street lights, power tools and other energy products
Advantage	All materials are degreased and adopt the dry -punching technology to ensure that the product is clean.

H shape nickel strip: 1P, 2P 3P, 4P, 5P, 6P, 7P, 8P, 9P

Model	Thickness	Distance of two welding centers: 18.5mm (used for battery pack without battery spacer)	Distance of two welding centers: 19mm	Distance of two welding centers: 19.5mm	Distance of two welding centers: 20/20.25mm
		Width(mm)	Width(mm)	Width(mm)	Width(mm)
1P	0.15/0.2mm	8	8	8	8
2P		25.5/27	26.5/27	26.5/27	27
3P		44	46	46	47
4P		62.5	65.5	65.5	67
5P		81	85	85	87
6P		99.5	104.5	104.5	107
7P		118	124	124	127
8P		136.5	143.5	143.5	147
9P		155	163	163	167

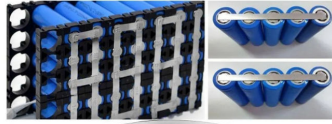
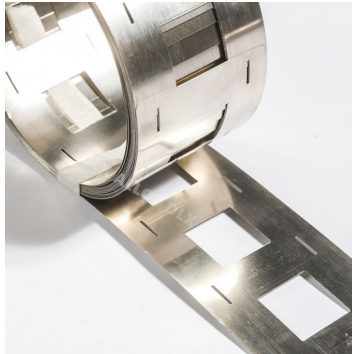
H shape nickel strip

Model	Thickness	Width	Distance of two welding centers
1P	0.15/0.2mm	8	18.5mm
2P		23	
3P		39	
4P		55	
5P		71	

Type	Dimension (mm)	Cell specin s(mm)	Width	Dimension of the Square hole (mm)	Nickel Plated steel strip	Pure Nickel	Type of battery pack	
					Length for per Kg(m)		with holder	without holder
1P 18650 Nickel strip	0.15*7*18.4	18.4	7	—	128.3	112.6		✓
	0.15*7*19	19		—	127.9	112.1	✓	
	0.15*7*19.5	19.5		—			✓	
	0.15*7*20.25	20.25		—	127.6	111.9	✓	
2P 18650 Nickel strip	0.15*26*19 (13.5*13.5)	19	26	12*12	47.2	41.4	✓	
	0.15*27*19.5 (12*14.5)	19.5		12*14.5	48.9	42.9	✓	
	0.15*27*19.75 (12.5*12.5)	19.75		12.5*12.5	47	41.2	✓	
	0.15*27*20.25 (13.5*13.5)	20.25		13.5*13.5	48.9	42.9	✓	
2P 18650 Nickel strip	0.15*25.5*18.4 (11*12.5)	18.4	25.5	11*12.5	48.9	42.9		✓
Dislocation 2P 18650 Nickel strip	0.15*25.5*18.4 (8*9.5)	18.4		8*9.5	41.1	36.1		✓
Dislocation 2P 18650 Nickel strip	0.15*25.5*19.5 (8*9.5)	19.5		8*9.5	38.6	33.8	✓	
3P 18650 Nickel strip	0.15*44.5*18.4 (11*12.5)	18.4	44.5	11*12.5	27.4	24		✓
	0.15*45*19 (12*12)	19	45	12*12	29.1	25.5	✓	
	0.15*47.5*20.15 (12.65*12.65)	20.15	47.5	12.65*12.65	27.4	24	✓	
	0.15*47.5*20.25 (13.5*13.5)	20.25		13.5*13.5	29.4	25.7	✓	
4P 18650 Nickel strip	0.15*63*18.5 (11*12.5)	18.5	63	11*12.5	21.6	18.9		✓
	0.15*64*19 (12*12)	19	64	12*12	21	18.4	✓	
	0.15*67.95*20.15 (12.65*12.65)	20.15	67.95	12.65*12.65	19.6	17.2	✓	
	0.15*67.7*20.25 (13.5*13.5)	20.25	67	13.5*13.5	21.3	18.7	✓	
5P 18650 Nickel strip	0.15*83*19 (12*12)	19	83	12*12	16.4	14.4	✓	
	0.15*88.1*20.15 (12.65*12.65)	20.15	88.1	12.65*12.65	19.7	17.3	✓	
	0.15*87.9*20.25 (13.5*13.5)	20.25	87.9	13.5*13.5	16.7	14.6	✓	
	0.15*102*19 (12*12)	19	102	12*12	13.5	11.9	✓	
6P 18650 Nickel strip	0.15*108.25*20.15	20.15	108.25	12.65*12.65	12.6	11	✓	
	0.15*108.1*20.25 (13.5*13.5)	20.25	108.1	13.5*13.5	13.7	12	✓	
	0.15*121*19 (12*12)	19	121	12*12	11.5	10	✓	
7P 18650 Nickel strip	0.15*128.4*20.15 (12.65*12.65)	20.15	128.4	12.65*12.65	10.7	9.4	✓	
	0.15*128.3*20.25 (13.5*13.5)	20.25	128.3	13.5*13.5	11.6	10.2	✓	
8P 18650 Nickel strip	0.15*140*19 (12*12)	19	140	12*12	10	8.7	✓	



Shape	Size(mm)
Wire	0.025-10
Ribbon	(0.05-0.2)*(0.5-6)
Strip	(0.05-0.5)*(5-200)



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