



Customized 0.15mm Thick 99.96% Pure Nickel Strip For 18650 Battery

Our Product Introduction

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

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: Ribbon nickel metal strips,
99.9% Inconel 600 nickel metal strips,
and more...



More Images



Our Product Introduction

Product Description



PURE NICKEL STRIP

N4,N6,Ni200,Ni201

Customized service available

It has excellent mechanical properties, high corrosion resistance in different environments, and magnetic feature, high heat transfer, high conductivity, low gas volume and low vapor pressure. It also has good spot welding properties and high tensile strength. It is mainly used in lithium batteries, battery ear, metal stamping parts, electric vehicles, nickel batteries, telecommunications, electric vacuum, special bulbs and other industries.

Dimension:

The thickness and dimensions can be met what customers required.

1. Material: pure nickel or nickel steel
2. Width: 2, 3, 4, 5, 6, 7, 8, 10, 15mm or customized width
3. Thickness: hot sale are 0.15mm/0.2mm, or customized thickness
4. Used for 18650, 26650, 21700, 32650, 32700 battery pack
4. Color: silver
5. 18650 nickel strip: 1P, 2P, 3P, 4P, 5P, 6P, 7P, 8P, 9P
- 26650 nickel strip: 1P, 2P, 3P, 4P, 5P, 6P, 7P, 8P, 9P
- 32650 nickel strip: 1P, 2P, 3P, 4P, 5P

Features:

1. Low resistance, make the battery pack more powerful, save energy.
2. Pure Nickel to make it easy welding, stable connection
3. Good tensile and easy operate assembly.
4. Shaped design, save too much work for customer to assembly battery pack.
5. High Electrical Conductivity
6. Anti-corrosive and low resistance

Physical properties:

1. Spot welding is good
2. The resistance is lower
3. Battery discharge time longer
4. The battery spot welding is stronger.

Functions/Applications:

1. manufacturing nickel-cadmium battery
2. nickel-hydrogen battery
3. lithium cell
4. assembled battery
5. industries of electric tool and special lights
6. Superconductor Applications

Specification

Grade	Ni+Co	Cu	Si	Mn	C	Mg	S	P
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.
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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	27	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	✓	
6P 18650 Nickel strip	0.15*102*19(12*12)	19	102	12*12	13.5	11.9	✓	
	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	✓	
7P 18650 Nickel strip	0.15*121*19(12*12)	19	121	12*12	11.5	10	✓	
	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	✓	

Product Details

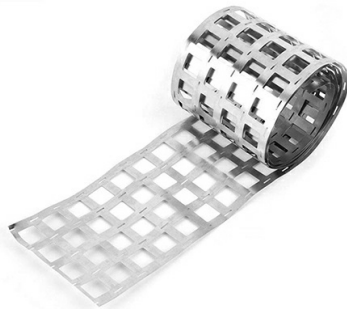
High-quality materials and surface treatment technology



Metallic Luster



Smooth Edges



Product Comparison

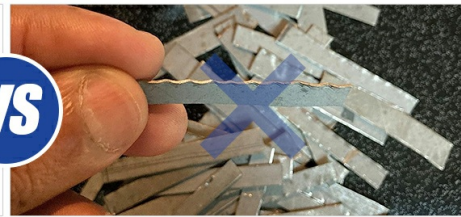
The quality of our products has been strictly tested and guaranteed



OTHERS



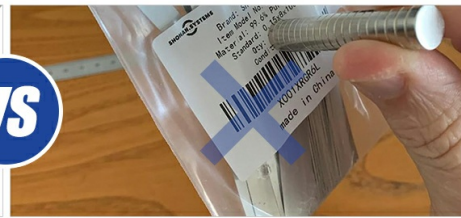
Smooth Edges



Uneven Edges



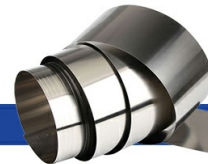
Pure Nickel Material



Not Pure Nickel Material

Application Field

Nickel strips are widely used in many fields



New Energy Field



Solar Battery



Chemical Field



Electronic Field



Ship Equipment



Aerospace Industry



Medical Instruments



Battery Material

Nickel strip is a thin metal strip made of nickel and is commonly used in various application areas, including:

1. Battery assembly: Nickel strip is commonly used as an internal connector and support material for batteries, capable of withstanding high temperature and high-pressure environments, while maintaining good conductivity and stability.
2. Electronic devices: Nickel strip is often used as a connecting wire and conductor for electronic components, circuit boards, and other devices.
3. Solar panels: Nickel strip is used as an internal connector and support material for solar panels, capable of withstanding high temperature and high-pressure environments, while maintaining good conductivity and stability.
4. Thermocouples: Nickel strip can be used to manufacture thermocouples, which are used for temperature measurement and for converting temperature signals into electrical signals.
5. Chemical industry: Nickel strip can be used to manufacture steam heaters and coolers in chemical equipment and reactors.
6. Other fields: Nickel strip can also be used to manufacture anti-static materials, conductive tapes, electromagnetic shielding materials, and more.

In summary, nickel strip has excellent conductivity, corrosion resistance, and stability, making it suitable for use in multiple application areas.

Product Process

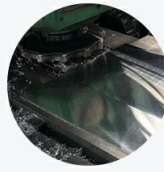
The production process and technology used in the product



1 Ingredients



2 Smelting



3 Milling/Planing



4 Hot-rolling



5 Bell Annealing



6 Cleaning



7 Cold-rolling



8 Bright Annealing



9 Finish-rolling



10 Slitting



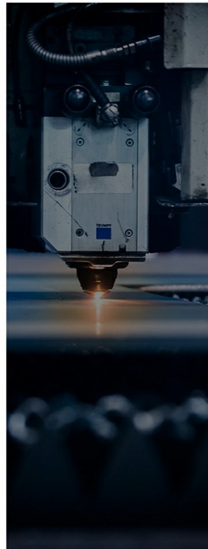
11 Final Test



12 Packaging

Product Comparison

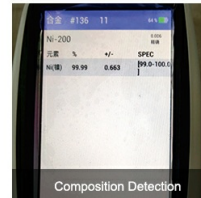
The quality of our products has been strictly tested and guaranteed



Measuring Instrument



Composition Detection



Composition Detection



Micro Hardness Tester

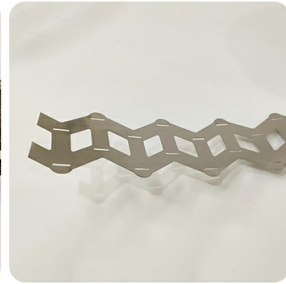


Micro Hardness Tester




Tensile Test Equipment

We can provide customized services for customers

[illegible]

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Inconel Strip

20+

Industry Experience

50+

Certifications

1000+

Metal Products

2000+

Cooperative Business

Company Profile

We are a leading alloy metal manufacturer founded in 2002, providing high-quality and high-performance alloy products and services to our customers. Our company is dedicated to becoming the industry leader in the alloy field, and we have received multiple industry certifications and awards, including the ISO9001 International Quality Management System Certificate and the SGS Certificate.

Over the past 18 years, we have focused on the resistance alloy business and continuously innovated and explored, ultimately developing new nickel-based alloy products such as chromium-nickel-iron alloy, Monel alloy, Hastelloy alloy, high-temperature alloy, and more.



Our Advantages

Our advantages can provide customers with better service



HIGH QUALITY



SUPER ELASTICITY



HIGH STRENGTH



BRAND EFFECT



PROFESSIONAL FACTORY



TECHNICAL SUPPORT



R&D INNOVATION SERVICES



AFTER-SALES SERVICE



ISO CERTIFICATION



EFFICIENT LOGISTICS SERVICE

Our Certifications

Our products have obtained national standard certification





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