



## Pure Nickel Plate Strap Sheets 99.96% Pure Nickel Strip For Battery

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO,TUV, RoHS
- Model Number: N4,N6,Ni200,Ni201
- Minimum Order Quantity: 2kg
- Price: 1 - 49 kilograms US\$35.00
- 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): 99.5%
- Resistance ( $\mu\Omega\cdot m$ ): 1.5
- Ultimate Strength ( $\geq$  MPa): 462
- Elongation ( $\geq$  %): 45
- Surface: Bright
- Density (g/cm<sup>3</sup>): 8.9 G/cm<sup>3</sup>
- Resistivity: 1.35 $\pm$ 0.07
- Melting Point( $^{\circ}$ C): 1435-1446  $^{\circ}$ C
- Application: Chemical Industry Battery Assembly
- M.O.Q: 2KG
- Highlight: **Battery Pure Nickel Plate Strap, 99.96% Pure Nickel Strip,**



### More Images



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## Product Description

### Introduction:

1. Introducing our pure nickel strip – a versatile and high-performance solution designed to meet the demanding needs of various industries.
2. This strip embodies a unique combination of exceptional properties that make it an ideal choice for a wide range of applications.
3. Our pure nickel strip excels in spot welding, ensuring reliable and secure connections during assembly processes. Its superior welding capabilities provide peace of mind, knowing that your components will be securely joined.
4. With its low electrical resistance, our pure nickel strip minimizes power loss and maximizes energy transfer efficiency.
5. This property is crucial in applications where every bit of energy counts, enabling optimal performance and cost savings.

### Applications:

1. **Excellent corrosion resistance:** The pure nickel strip exhibits exceptional resistance to corrosion in different environments, ensuring long-term durability and reliability.
2. **High thermal conductivity:** With its excellent heat transfer properties, our pure nickel strip facilitates efficient thermal management, making it an excellent choice for applications that require effective heat dissipation.
3. **Superior electrical conductivity:** The pure nickel strip boasts high electrical conductivity, enabling efficient energy transfer and minimizing power loss in electrical systems.
4. **Magnetic properties:** Our pure nickel strip possesses magnetic characteristics, making it suitable for applications where magnetic properties are required, such as in electromagnetic devices.

### Specification:

Grade	Ni+Co	Cu	Si	Mn	C	Mg	S	P	Fe
N4	99.8	0.015	0.03	0.002	0.01	0.01	0.001	0.001	0.04
N6	99.6	0.10	0.10	0.05	0.10	0.10	0.005	0.002	0.10
Ni201	≥99.0	≤0.25	≤0.35	≤0.35	≤0.02	/	≤0.01	/	≤0.40
Ni200	≥99.2	≤0.25	≤0.35	≤0.35	≤0.15	/	≤0.01	/	≤0.40

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 spacing(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	27	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	✓	
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	✓	





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