



Pure Nickel Strip 18650 Battery Packs Full Set For Reention Eel Mini Battery Case

Our Product Introduction

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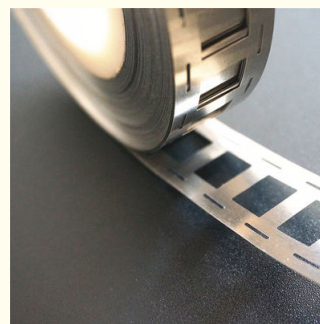
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Ni200 Ni201
- Minimum Order Quantity: 2 Kg
- Price: 1 - 49 kilograms US\$35.00
- Packaging Details: Plastic film or waterproof woven bag inside, wire packed in spool put into carton, coil wire or strip wire put into wooden case
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Type: Pure Nickel Strip
- Density (g/cm3): 8.9 G/cm3
- Melting Point(°C): 1435-1446 °C
- Condition: Bright, soft
- Surface: Bright
- Material: Nickel
- Material Purity: >99.9%
- Conductor: Pure Nickel Connector
- Metal: Nickel
- Ni(min): 99.5%
- Application: Chemical Industry Battery Assembly
- Highlight: 99.9% Pure Nickel Strip, Customized Pure Nickel Coil



More Images



Product Description

Product Description:

Pure nickel belt is a belt-shaped material made of high-purity nickel metal. It has uniform thickness and width, and undergoes strict quality control during the manufacturing process to ensure its excellent quality.

Pure nickel tape has excellent corrosion resistance. Nickel has good stability and corrosion resistance, and can maintain its surface integrity and stability in harsh environments such as acids, alkalis, and salt solutions. Therefore, pure nickel strips are widely used in chemical industry, marine engineering, petrochemical industry and other fields.

Pure nickel belt also has excellent mechanical properties and processability. It has high strength and good ductility and can be formed through process operations such as cold working, hot working and welding. This makes pure nickel strips widely used in fields such as automotive manufacturing, aerospace, power industry and manufacturing.

Our Product Introd

Advantages:

1. Excellent electrical conductivity: Pure nickel tape has high electrical conductivity and can provide a low-resistance current conduction path to ensure high-efficiency transmission of electrical energy between battery connectors.
2. Good welding performance: Pure nickel strips are easy to weld and can be reliably welded to other battery components to ensure the stability of the connection.
3. Anti-corrosion performance: Pure nickel strips have high corrosion resistance and can work stably for a long time in corrosive media, extending the service life of the battery connector.
4. Mechanical strength and flexibility: Pure nickel tape has moderate mechanical strength and flexibility, which can adapt to the deformation and vibration of battery components and maintain the stability of the connection.
5. High-temperature stability: Pure nickel tape has good high-temperature stability and can maintain stable electrical properties and mechanical strength in high-temperature environments, making it suitable for high-temperature battery applications.



Attributes:

Material: Pure nickel belt is a belt-shaped material made of nickel metal with higher purity.

Conductivity: Pure nickel tape is highly conductive, typically having a conductivity of approximately 15-22 MS/m.

Corrosion resistance: Pure nickel strips have high corrosion resistance and can resist erosion by corrosive media and maintain the stability and durability of the connecting piece.

Mechanical properties: Pure nickel strips have moderate mechanical strength and flexibility and are able to withstand deformation and vibration of battery components.

Thermal stability: Pure nickel tape has good high-temperature stability and can maintain stable electrical properties and mechanical strength in high-temperature environments.

Parameter:

Size: The size of pure nickel strip can be customized according to specific needs, including width, thickness and length, etc.

Purity: The purity of pure nickel ribbon is usually higher and can be 99.5% or higher.

Conductivity: The conductivity of pure nickel tape is typically in the range of 15-22 MS/m, providing excellent electrical conductivity.

Technical Parameters:

Attribute	Value
Application	Chemical Industry, Battery Assembly
Conductor	Pure Nickel Connector
Melting Point(°C)	1435-1446 °C
Ultimate Strength (≥ MPa)	462
Power Or Not	Not
Type	Pure Nickel Strip
Material Purity	>99.9%
Purity	99.5%Min/ 99.9%Min(customized)
Elongation (≥ %)	45
Resistance (μΩ.m)	1.5

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

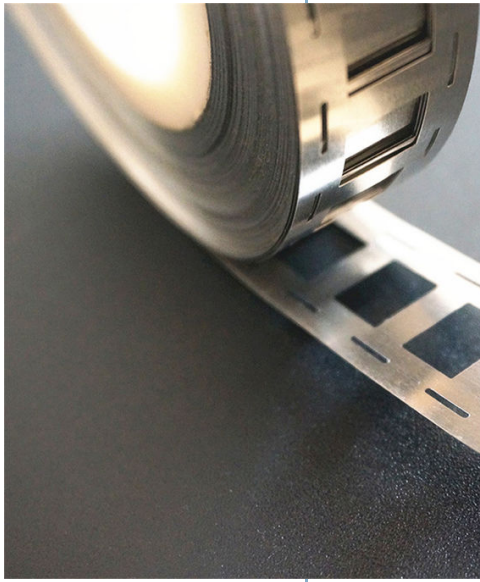
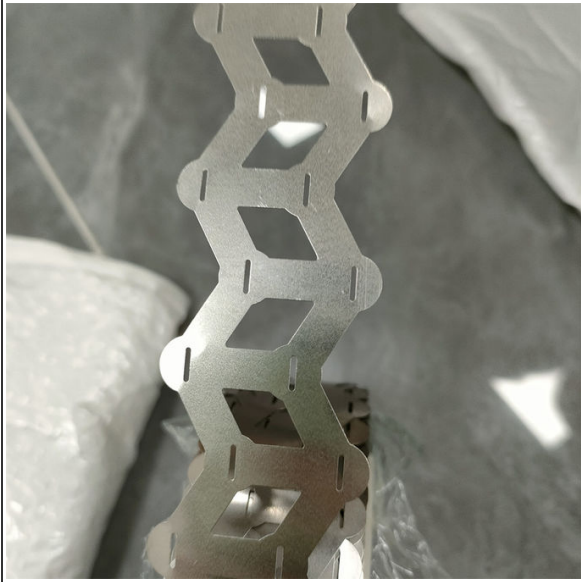
Model	Thickness	Distance of two welding centers: 18.5mm (used for battery pack without battery spacer)	Distance of two welding centers: 19mm	Distance of two welding centers: 19.5mm	Distance of two welding centers: 20/20.25mm
		Width(mm)	Width(mm)	Width(mm)	Width(mm)
1P	0.15/0.2mm	8	8	8	8
2P		25.5/27	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 (in)				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				
	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				
	0.15*128.4*20.15(12.65*12.65)	20.15	128.4	12.65*12.65	10.7	9.4				
7P 18650 Nickel strip	0.15*128.3*20.25(13.5*13.5)	20.25	128.3	13.5*13.5	11.6	10.2			✓	
	0.15*140*19(12*12)	19	140	12*12	10	8.7				
8P 18650 Nickel strip	0.15*140*19(12*12)	19	140	12*12	10	8.7			✓	

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FAQ:

What are the applications of pure nickel strips in the aerospace field?
Pure nickel strips are commonly used in the aerospace field for components with high temperature and high strength requirements such as gas turbine engines and avionics equipment.

How are pure nickel strips usually transported?
Pure nickel strips are usually shipped by sea, air or land, depending on the negotiation between the customer and supplier.

What are the applications of pure nickel belts in the chemical industry?
Pure nickel belts are commonly used in the chemical industry to manufacture corrosion-resistant and high-temperature-resistant equipment such as reactors, heat exchangers, and chemical valves.



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